RESOLUTION NO. 21783

Background

The Illinois State Toll Highway Authority ("Tollway") advertised for sealed bids on Contract I-18-4430 for Roadway and Bridge Reconstruction, on the Tri-State Tollway (I-294) from Mile Post 20.7 to Mile Post 22.3 (Mile Long Bridge). The lowest responsive and responsible bidder on Contract No. I-18-4430 is F.H. Paschen, S.N. Nielsen & Associates, LLC in the amount of $184,551,677.19.

Resolution

Contract No. I-18-4430 is awarded to F.H. Paschen, S.N. Nielsen & Associates, LLC in the amount of $184,551,677.19, subject to all required approvals, the contractor satisfying applicable DBE, financial, and all other contract award requirements, and execution of all contract documents by the bidder and the Tollway.

The Chairman or the Acting Executive Director is authorized to execute the aforementioned Contract, subject to the approval of the General Counsel and the Chief Financial Officer is authorized to issue warrants in payment thereof.

If the bidder fails to satisfy the contract award requirements, the Acting Executive Director is authorized to approve an award to the next lowest responsible bidder, in accordance with the applicable contract award requirements.

Approved by: [redacted]
Chairman

RETURN WITH BID

ORIGINAL

CONTRACT I-18-4430

ROADWAY AND BRIDGE RECONSTRUCTION

TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILE POST 20.7 TO MILE POST 22.3
STA 5096+23.33 TO STA 1176+62.01



Illinois Tollway
2700 Ogden Avenue Downers Grove, IL 60515

VOLUME I

REQUIRED DOCUMENTS

CN-Tollway-PDK-4430 Contract Requirements Vol I-05202019

03.4430.01.04

ADDENDUM NO. 6
TO
CONTRACT REQUIREMENTS
FOR CONTRACT I-18-4430
ILLINOIS STATE TOLL HIGHWAY AUTHORITY

Date: April 1, 2019

For which proposals will be received by the Illinois State Toll Highway Authority at its offices, 2700 Ogden Avenue, Downers Grove, Illinois 60515 until 10:30 A.M. local time, **April 5, 2019.**

NOTICE OF REVISION TO CONTRACT

NOTES:

1. **The Bid opening date has been revised.** Sealed proposals for the above numbered Contract will be received by the Illinois State Tollway Highway Authority at its offices, 2700 Ogden Avenue, Downers Grove, 60515, until 10:30 a.m., local time, **April 5, 2019**, at which the Proposals will be opened and the bids read aloud. Replace A-1RR with the attached page A-1RRR. Replace P-1RR with attached page P-1RRR.

2. A complete set of Schedule of Prices is included with this Addendum and must be inserted into the Contract Proposal by the Bidder. The Bidder's attention is called to page P-43R which has been revised and included as part of the Schedule of Prices.

CHANGES TO THE CONTRACT SPECIAL PROVISIONS

Change #1: Contract requirements, Volume I, replace page A-1RR with page A-1RRR (attached), and Contract requirements, Volume I, replace page P-1RR with P-1RRR (attached). This replacement contains the following revisions:

1.1 Revised bid opening date from April 4, 2019 to April 5, 2019

1.2 Revised contract completion date from November 25, 2020 to December 21, 2020

1.3 Added a sixth line for Addendums

Change #2: Contract requirements, Volume II, replace page P-43 with P-43R (attached). This replacement contains the following revisions:

2.1 Corrected amount of contractor's quality program + total amount of contingency work

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END OF ADDENDUM CHANGES

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

ADVERTISEMENT FOR SEALED BIDS

Bid Schedule and information for

CONTRACT NO: I-18-4430

Sealed Bids for the above numbered Contract as described below will be received by the Illinois Tollway at its offices, at 2700 Ogden Avenue, Downers Grove, Illinois 60515, until 10:30:00 a.m., local time, April 5, 2019, at which time the Bids will be opened and the bids read aloud.

An **optional pre-bid meeting** is scheduled for February 14, 2019 at the **Aramark Conference Center in Downers Grove, at 2300 Warrenville Road**. The meeting will be held in the Auditorium at 1:00 p.m.

The work to be done under this Contract shall be started on or about June 12, 2019. All work under this Contract shall be completed by December 21, 2020.

The work under this Contract shall consist of: The reconstruction of portions of I-294 mainline, bridge replacement of bridge number 191 carrying northbound I-294 over CNRR, I&M Canal, Chicago Sanitary & Ship Canal, MWRD Property, Cook County Forrest Preserve, Des Plaines River, BNSF RR, Santa Fe Drive, and the 75th Street Ramps, replacement of portions of bridge numbers 183 and 184 carrying I-294 over LaGrange Road, reconstruction of portions of the 75th Street ramps, performance based noise and retaining walls, cofferdams and causeways, detention pond and other drainage improvements, temporary soil retention, fire protection system, demolition of structures, protective shield, temporary erosion and sediment control, and Maintenance of Traffic.

The work under this Contract is to be performed on: Tri-State Tollway (I-294) between Mile Post 20.7 and Mile Post 22.3 in Cook County, Illinois.

Bidders may be required to be pre-qualified by the Illinois Department of Transportation (IDOT).

IDOT Prequalification required: ☒ YES ☐ NO If 'NO', ignore any reference to IDOT Prequalification within the remainder of this document.

Joint Ventures shall be limited to no more than 3 individually IDOT-pre-qualified members.

Bidders are also required to be registered, or submit evidence of application, with the Illinois Department of Human Rights (IDHR). **There are NO EXCEPTIONS.**

Please note that written or oral communications received by the Illinois Tollway in connection with this solicitation may be required to be reported to the Procurement Policy Board as required by law. This provision is not intended to prohibit communications with State employees regarding a procurement matter, but rather only requires reporting of those communications when they occur.

All bids must be on forms prescribed by the Illinois Tollway and must comply with the terms and conditions set forth in the Contract Documents. Copies of the plans, special provisions, bid forms and other Contract Documents for this Contract are available from BHFX Digital Imaging and can be viewed and/or ordered for purchase by visiting the On-line Plan Room via www.illinoistollwaybidding.com. Copies of the current Illinois Tollway Supplemental Specifications to the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction can be purchased directly from BHFX Digital Imaging. The current Illinois Tollway Supplemental Specifications may also be viewed in the 'Doing Business' section on the Tollway website. Current Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Recurring Special Provisions can be viewed and purchased from the Illinois Department of Transportation website. Electronic copies of the contract documents are also available on compact disk (CD) from BHFX Digital Imaging. Copies are in a portable document format (PDF). **Bidders with questions or in need of assistance in purchasing Contract Documents are to contact a** BHFX Digital Imaging, **Customer Service Representative at 630-393-0777, ask for the Plan Room.**

Questions pertaining to the intent of the Contract Documents may be sent to the Illinois Tollway, attention Mohamad Faraj at mfaraj@getipass.com, to be received no later than 2:00 p.m. local time on March 15, 2019.

A completed Questionnaire and a statement of Current Contractual Obligations on forms supplied by the Illinois Tollway will be required from the apparent low Bidder once the apparent low Bidder is determined. Each Bid must be accompanied by a Bid Guaranty in the amount of five (5%) per cent of the total amount shown in the Bid for the Contract. The Bid Guaranty shall be in the form of an acceptable bid bond or a bank draft, certified check or cashier's check drawn on a solvent bank made payable to the Illinois State Toll Highway Authority.

Award of the above Contract, if any award be made, will be to the lowest responsive and responsible Bidder or Bidders. The Illinois Tollway reserves the right to reject any and all Bids, to waive technicalities, or cancel the solicitation.

COPIES OF PLANS, SPECIAL PROVISIONS, BID FORMS, CONTRACT DOCUMENTS, STANDARD SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATIONS ARE NOT AVAILABLE AT THE TOLLWAY CENTRAL ADMINISTRATION BUILDING.

DATE: January 29, 2019

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

BID

CONTRACT NO. I-18-4430

Bids will be received by The Illinois State Toll Highway Authority at its offices, 2700 Ogden Avenue, Downers Grove, Illinois, 60515 until 10:30:00 a.m., local time, April 5, 2019 and immediately thereafter publicly opened and read aloud.

TO THE CHAIRMAN OF THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY:

The undersigned hereby proposes to perform: The reconstruction of portions of I-294 mainline, bridge replacement of bridge number 191 carrying northbound I-294 over CNRR, I&M Canal, Chicago Sanitary & Ship Canal, MWRD Property, Cook County Forrest Preserve, Des Plaines River, BNSF RR, Santa Fe Drive, and the 75th Street Ramps, replacement of portions of bridge numbers 183 and 184 carrying I-294 over LaGrange Road, reconstruction of portions of the 75th Street ramps, performance based noise and retaining walls, cofferdams and causeways, detention pond and other drainage improvements, temporary soil retention, fire protection system, demolition of structures, protective shield, temporary erosion and sediment control, and Maintenance of Traffic.

The services will be performed within the: Tri-State Tollway (I-294) between Mile Post 20.7 and Mile Post 22.3 in Cook County, Illinois.

The undersigned declares that the Advertisement for Sealed Bids, Instructions to Bidders, this Bid Form, IDOT Standard Specifications, Tollway Supplemental Specifications, Special Provisions, Plans, Addenda to the foregoing (if any), form of Agreement, forms of Contract Bonds, and other exhibits (if any), on file at the office of The Illinois State Toll Highway Authority have been carefully examined, and that the undersigned has inspected in detail the site of the proposed Work, and familiarized itself with all of the conditions affecting the Contract, and that has satisfied itself as to The Work to be done and the conditions under which it must be carried out, and understands that in submitting this Bid waives all rights to plead any misunderstanding regarding the same.

The undersigned hereby tenders this Bid to construct and complete said Work in accordance with the Plans, IDOT Standard Specifications, Tollway Supplemental Specifications (if any), and the accompanying Special Provisions now on file in the office of The Illinois State Toll Highway Authority, and the following addenda issued thereto:

Addendum No. _____ Date _____

Addendum No. _____ Date _____

Addendum No. _____ Date _____

Addendum No. _____ Date _____

Addendum No. _____ Date _____

Addendum No. _____ Date _____

The undersigned further agrees to furnish all necessary transportation, machinery, equipment, tools, labor and other means of construction; and to do all the work and to furnish all of the materials specified in the Contract in the manner and at the times prescribed under the supervision and direction of the Authority or its authorized representatives, for the lump sums and unit prices quoted in the following Schedule of Prices:

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	571		
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	649		
*	20100500	TREE REMOVAL, ACRES	ACRE	10.0		
	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	500		
	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	250		
*	20200100	EARTH EXCAVATION	CU YD	67,644		
*	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	6,725		
	20400800	FURNISHED EXCAVATION	CU YD	115,900		
	20700220	POROUS GRANULAR EMBANKMENT	CU YD	8,934		
	20800150	TRENCH BACKFILL	CU YD	6,676		
	21400100	GRADING AND SHAPING DITCHES	FOOT	1,790		
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,071		
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	3,213		
	25000750	MOWING	ACRE	61.3		
	25100127	MULCH, METHOD 3A	ACRE	61.3		
	30201500	LIME	TON	200		
	30201600	FLY ASH	TON	200		
	31100200	SUBBASE GRANULAR MATERIAL, TYPE A	CU YD	857		

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
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TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	1,972		
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	2,641		
	35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	7,116		
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	3,767		
	35800100	PREPARATION OF BASE	SQ YD	7,368		
	35800200	AGGREGATE BASE REPAIR	TON	55		
	40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	7,395		
	40200700	AGGREGATE SURFACE COURSE, TYPE A 8"	SQ YD	274		
	40300400	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	TON	1		
	40300600	SEAL COAT AGGREGATE	TON	3		
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1,186		
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5		
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,460		
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	503		
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1,673		
	42001300	PROTECTIVE COAT	SQ YD	20,987		
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	167		
	44000100	PAVEMENT REMOVAL	SQ YD	29,677		

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	60		
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	188		
	44000400	GUTTER REMOVAL	FOOT	2,850		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	613		
	44001980	CONCRETE BARRIER REMOVAL	FOOT	77		
	44004000	PAVED DITCH REMOVAL	FOOT	1,460		
	44004250	PAVED SHOULDER REMOVAL	SQ YD	29,926		
	44200569	CLASS A PATCHES, TYPE III, 11 INCH	SQ YD	76		
	44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	67		
	44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	118		
	48100300	AGGREGATE SHOULDERS, TYPE A 4"	SQ YD	453		
	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	209		
	50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1		
	50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		
	50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1		
	50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1		
	50102400	CONCRETE REMOVAL	CU YD	93		
	50104400	CONCRETE HEADWALL REMOVAL	EACH	14		

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
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ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
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MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	50105220	PIPE CULVERT REMOVAL	FOOT	65		
	50157300	PROTECTIVE SHIELD	SQ YD	46,334		
	50200100	STRUCTURE EXCAVATION	CU YD	26,530		
	50200300	COFFERDAM EXCAVATION	CU YD	340		
	50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	5,697		
	50201121	COFFERDAM (TYPE 2) (LOCATION - 1)	EACH	1		
	50201122	COFFERDAM (TYPE 2) (LOCATION - 2)	EACH	1		
	50201123	COFFERDAM (TYPE 2) (LOCATION - 3)	EACH	1		
	50300225	CONCRETE STRUCTURES	CU YD	4,792		
	50300255	CONCRETE SUPERSTRUCTURE	CU YD	1,718		
	50300265	SEAL COAT CONCRETE	CU YD	193		
	50300300	PROTECTIVE COAT	SQ YD	63,040		
	50500505	STUD SHEAR CONNECTORS	EACH	36,528		
	50800105	REINFORCEMENT BARS	POUND	932,690		
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,930,360		
	50800515	BAR SPLICERS	EACH	412		
	50800530	MECHANICAL SPLICERS	EACH	1,180		
	51100100	SLOPE WALL 4 INCH	SQ YD	660		

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
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ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	51201400	FURNISHING STEEL PILES HP10X42	FOOT	4,961		
	51201800	FURNISHING STEEL PILES HP14X73	FOOT	2,092		
	51201900	FURNISHING STEEL PILES HP14X89	FOOT	3,816		
	51202000	FURNISHING STEEL PILES HP14X102	FOOT	4,849		
	51202305	DRIVING PILES	FOOT	15,718		
	51203400	TEST PILE STEEL HP10X42	EACH	6		
	51203800	TEST PILE STEEL HP14X73	EACH	1		
	51203900	TEST PILE STEEL HP14X89	EACH	2		
	51204000	TEST PILE STEEL HP14X102	EACH	4		
	51204650	PILE SHOES	EACH	369		
	51602000	PERMANENT CASING	FOOT	2,391		
GBSP	51603000	DRILLED SHAFT IN SOIL	CU YD	3,574		
GBSP	51604000	DRILLED SHAFT IN ROCK	CU YD	952		
	52000110	PREFORMED JOINT STRIP SEAL	FOOT	231		
	52100520	ANCHOR BOLTS, 1"	EACH	1,120		
	52100540	ANCHOR BOLTS, 1 1/2"	EACH	88		
	52100560	ANCHOR BOLTS, 2"	EACH	80		
	52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	3,338		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2		
	54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	1		
	54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	1		
	54010603	PRECAST CONCRETE BOX CULVERTS 6' X 3'	FOOT	354		
	54010604	PRECAST CONCRETE BOX CULVERTS 6' X 4'	FOOT	47		
	54215460	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 60"	EACH	1		
	54248510	CONCRETE COLLAR	CU YD	2		
	5425A066	PIPE CULVERTS, CLASS A, TYPE 5 66" (TEMPORARY)	FOOT	110		
BDE	54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	78		
BDE	54263272	CONCRETE END SECTION, STANDARD 542011, 72", 1:2	EACH	1		
	542A3415	PIPE CULVERTS, CLASS A, TYPE 5 60"	FOOT	38		
	542C5497	PIPE CULVERTS, CLASS C, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	116		
*	542JA048	PIPE CULVERTS, CLASS A 48" (JACKED)	FOOT	498		
*	542JA060	PIPE CULVERTS, CLASS A 60" (JACKED)	FOOT	352		
*	542JC048	PIPE CULVERTS, CLASS C 48" (JACKED)	FOOT	90		
	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	237		
	550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	11		
	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	89		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	170		
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	68		
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	669		
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	1,051		
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	773		
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	373		
	550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	417		
	550A0490	STORM SEWERS, CLASS A, TYPE 2 54"	FOOT	235		
	550A0680	STORM SEWERS, CLASS A, TYPE 3 18"	FOOT	58		
	550A1000	STORM SEWERS, CLASS A, TYPE 4 21"	FOOT	101		
	550A1010	STORM SEWERS, CLASS A, TYPE 4 24"	FOOT	205		
	550A4750	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 72"	FOOT	239		
	55100200	STORM SEWER REMOVAL 6"	FOOT	45		
	55100300	STORM SEWER REMOVAL 8"	FOOT	56		
	55100500	STORM SEWER REMOVAL 12"	FOOT	1,615		
	55100700	STORM SEWER REMOVAL 15"	FOOT	1,188		
	55100900	STORM SEWER REMOVAL 18"	FOOT	486		
	55101200	STORM SEWER REMOVAL 24"	FOOT	566		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	55101600	STORM SEWER REMOVAL 36"	FOOT	42		
	55101800	STORM SEWER REMOVAL 42"	FOOT	64		
	55102000	STORM SEWER REMOVAL 54"	FOOT	267		
	55102400	STORM SEWER REMOVAL 78"	FOOT	233		
*	55201500	STORM SEWERS JACKED IN PLACE, 42"	FOOT	438		
*	55201600	STORM SEWERS JACKED IN PLACE, 48"	FOOT	421		
*	56105000	WATER VALVES 8"	EACH	1		
*	56105410	WATER VALVES 20"	EACH	2		
*	56400825	FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE	EACH	7		
	58000100	MEMBRANE WATERPROOFING	SQ FT	4,270		
	58700300	CONCRETE SEALER	SQ FT	64,962		
	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	844		
	60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4		
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	6		
	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1		
*	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	25		
*	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		
*	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	10		

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
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TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
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SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5		
*	60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4		
*	60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		
*	60249010	VALVE VAULTS, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2		
	60253000	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	16		
	60253100	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4		
	60500040	REMOVING MANHOLES	EACH	15		
	60500050	REMOVING CATCH BASINS	EACH	4		
	60500060	REMOVING INLETS	EACH	10		
	60500105	FILLING MANHOLES	EACH	3		
*	60603900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)	FOOT	178		
	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2		
	63200310	GUARDRAIL REMOVAL	FOOT	4,740		
	64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2		
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	14,070		
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	492		
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	1,080		
BDE	70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	187		

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
BDE	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	176,833		
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1,875.0		
	70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1		
	70600280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3	EACH	3		
	70600370	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, NARROW), TEST LEVEL 3	EACH	7		
	73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	5		
	73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	8		
	73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	8		
	73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	10		
	78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	83		
	78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	143,130		
	78200006	GUARDRAIL REFLECTORS, TYPE B	EACH	2		
	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	52		
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	41		
	81028720	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.	FOOT	525		
	81100800	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., GALVANIZED STEEL	FOOT	20		
	81200215	CONDUIT EMBEDDED IN STRUCTURE, 1 1/4" DIA., PVC	FOOT	4,922		
	81300900	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 20" X 16" X 6"	EACH	6		

ADDENDUM NO. 6
TO
CONTRACT REQUIREMENTS
FOR CONTRACT I-18-4430
ILLINOIS STATE TOLL HIGHWAY AUTHORITY

Date: April 1, 2019

For which proposals will be received by the Illinois State Toll Highway Authority at its offices, 2700 Ogden Avenue, Downers Grove, Illinois 60515 until 10:30 A.M. local time, **April 5, 2019.**

NOTICE OF REVISION TO CONTRACT

NOTES:

1. **The Bid opening date has been revised.** Sealed proposals for the above numbered Contract will be received by the Illinois State Tollway Highway Authority at its offices, 2700 Ogden Avenue, Downers Grove, 60515, until 10:30 a.m., local time, **April 5, 2019**, at which the Proposals will be opened and the bids read aloud. Replace A-1RR with the attached page A-1RRR. Replace P-1RR with attached page P-1RRR.

2. A complete set of Schedule of Prices is included with this Addendum and must be inserted into the Contract Proposal by the Bidder. The Bidder's attention is called to page P-43R which has been revised and included as part of the Schedule of Prices.

CHANGES TO THE CONTRACT SPECIAL PROVISIONS

Change #1: Contract requirements, Volume I, replace page A-1RR with page A-1RRR (attached), and Contract requirements, Volume I, replace page P-1RR with P-1RRR (attached). This replacement contains the following revisions:

1.1 Revised bid opening date from April 4, 2019 to April 5, 2019

1.2 Revised contract completion date from November 25, 2020 to December 21, 2020

1.3 Added a sixth line for Addendums

Change #2: Contract requirements, Volume II, replace page P-43 with P-43R (attached). This replacement contains the following revisions:

2.1 Corrected amount of contractor's quality program + total amount of contingency work

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END OF ADDENDUM CHANGES

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

ADVERTISEMENT FOR SEALED BIDS

Bid Schedule and information for

CONTRACT NO: I-18-4430

Sealed Bids for the above numbered Contract as described below will be received by the Illinois Tollway at its offices, at 2700 Ogden Avenue, Downers Grove, Illinois 60515, until 10:30:00 a.m., local time, April 5, 2019, at which time the Bids will be opened and the bids read aloud.

An **optional pre-bid meeting** is scheduled for February 14, 2019 at the **Aramark Conference Center in Downers Grove, at 2300 Warrenville Road**. The meeting will be held in the Auditorium at 1:00 p.m.

The work to be done under this Contract shall be started on or about June 12, 2019. All work under this Contract shall be completed by December 21, 2020.

The work under this Contract shall consist of: The reconstruction of portions of I-294 mainline, bridge replacement of bridge number 191 carrying northbound I-294 over CNRR, I&M Canal, Chicago Sanitary & Ship Canal, MWRD Property, Cook County Forrest Preserve, Des Plaines River, BNSF RR, Santa Fe Drive, and the 75th Street Ramps, replacement of portions of bridge numbers 183 and 184 carrying I-294 over LaGrange Road, reconstruction of portions of the 75th Street ramps, performance based noise and retaining walls, cofferdams and causeways, detention pond and other drainage improvements, temporary soil retention, fire protection system, demolition of structures, protective shield, temporary erosion and sediment control, and Maintenance of Traffic.

The work under this Contract is to be performed on: Tri-State Tollway (I-294) between Mile Post 20.7 and Mile Post 22.3 in Cook County, Illinois.

Bidders may be required to be pre-qualified by the Illinois Department of Transportation (IDOT).

IDOT Prequalification required: ☒ YES ☐ NO If 'NO', ignore any reference to IDOT Prequalification within the remainder of this document.

Joint Ventures shall be limited to no more than 3 individually IDOT-pre-qualified members.

Bidders are also required to be registered, or submit evidence of application, with the Illinois Department of Human Rights (IDHR). **There are NO EXCEPTIONS.**

Please note that written or oral communications received by the Illinois Tollway in connection with this solicitation may be required to be reported to the Procurement Policy Board as required by law. This provision is not intended to prohibit communications with State employees regarding a procurement matter, but rather only requires reporting of those communications when they occur.

All bids must be on forms prescribed by the Illinois Tollway and must comply with the terms and conditions set forth in the Contract Documents. Copies of the plans, special provisions, bid forms and other Contract Documents for this Contract are available from BHFX Digital Imaging and can be viewed and/or ordered for purchase by visiting the On-line Plan Room via www.illinoistollwaybidding.com. Copies of the current Illinois Tollway Supplemental Specifications to the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction can be purchased directly from BHFX Digital Imaging. The current Illinois Tollway Supplemental Specifications may also be viewed in the 'Doing Business' section on the Tollway website. Current Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Recurring Special Provisions can be viewed and purchased from the Illinois Department of Transportation website. Electronic copies of the contract documents are also available on compact disk (CD) from BHFX Digital Imaging. Copies are in a portable document format (PDF). **Bidders with questions or in need of assistance in purchasing Contract Documents are to contact a** BHFX Digital Imaging, **Customer Service Representative at 630-393-0777, ask for the Plan Room.**

Questions pertaining to the intent of the Contract Documents may be sent to the Illinois Tollway, attention Mohamad Faraj at mfaraj@getipass.com, to be received no later than 2:00 p.m. local time on March 15, 2019.

A completed Questionnaire and a statement of Current Contractual Obligations on forms supplied by the Illinois Tollway will be required from the apparent low Bidder once the apparent low Bidder is determined. Each Bid must be accompanied by a Bid Guaranty in the amount of five (5%) per cent of the total amount shown in the Bid for the Contract. The Bid Guaranty shall be in the form of an acceptable bid bond or a bank draft, certified check or cashier's check drawn on a solvent bank made payable to the Illinois State Toll Highway Authority.

Award of the above Contract, if any award be made, will be to the lowest responsive and responsible Bidder or Bidders. The Illinois Tollway reserves the right to reject any and all Bids, to waive technicalities, or cancel the solicitation.

COPIES OF PLANS, SPECIAL PROVISIONS, BID FORMS, CONTRACT DOCUMENTS, STANDARD SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATIONS ARE NOT AVAILABLE AT THE TOLLWAY CENTRAL ADMINISTRATION BUILDING.

DATE: January 29, 2019

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

BID

CONTRACT NO. I-18-4430

Bids will be received by The Illinois State Toll Highway Authority at its offices, 2700 Ogden Avenue, Downers Grove, Illinois, 60515 until 10:30:00 a.m., local time, April 5, 2019 and immediately thereafter publicly opened and read aloud.

TO THE CHAIRMAN OF THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY:

The undersigned hereby proposes to perform: The reconstruction of portions of I-294 mainline, bridge replacement of bridge number 191 carrying northbound I-294 over CNRR, I&M Canal, Chicago Sanitary & Ship Canal, MWRD Property, Cook County Forrest Preserve, Des Plaines River, BNSF RR, Santa Fe Drive, and the 75th Street Ramps, replacement of portions of bridge numbers 183 and 184 carrying I-294 over LaGrange Road, reconstruction of portions of the 75th Street ramps, performance based noise and retaining walls, cofferdams and causeways, detention pond and other drainage improvements, temporary soil retention, fire protection system, demolition of structures, protective shield, temporary erosion and sediment control, and Maintenance of Traffic.

The services will be performed within the: Tri-State Tollway (I-294) between Mile Post 20.7 and Mile Post 22.3 in Cook County, Illinois.

The undersigned declares that the Advertisement for Sealed Bids, Instructions to Bidders, this Bid Form, IDOT Standard Specifications, Tollway Supplemental Specifications, Special Provisions, Plans, Addenda to the foregoing (if any), form of Agreement, forms of Contract Bonds, and other exhibits (if any), on file at the office of The Illinois State Toll Highway Authority have been carefully examined, and that the undersigned has inspected in detail the site of the proposed Work, and familiarized itself with all of the conditions affecting the Contract, and that has satisfied itself as to The Work to be done and the conditions under which it must be carried out, and understands that in submitting this Bid waives all rights to plead any misunderstanding regarding the same.

The undersigned hereby tenders this Bid to construct and complete said Work in accordance with the Plans, IDOT Standard Specifications, Tollway Supplemental Specifications (if any), and the accompanying Special Provisions now on file in the office of The Illinois State Toll Highway Authority, and the following addenda issued thereto:

Addendum No. _____ Date _____
Addendum No. _____ Date _____
Addendum No. _____ Date _____
Addendum No. _____ Date _____
Addendum No. _____ Date _____
Addendum No. _____ Date _____

The undersigned further agrees to furnish all necessary transportation, machinery, equipment, tools, labor and other means of construction; and to do all the work and to furnish all of the materials specified in the Contract in the manner and at the times prescribed under the supervision and direction of the Authority or its authorized representatives, for the lump sums and unit prices quoted in the following Schedule of Prices:

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	571		
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	649		
*	20100500	TREE REMOVAL, ACRES	ACRE	10.0		
	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	500		
	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	250		
*	20200100	EARTH EXCAVATION	CU YD	67,644		
*	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	6,725		
	20400800	FURNISHED EXCAVATION	CU YD	115,900		
	20700220	POROUS GRANULAR EMBANKMENT	CU YD	8,934		
	20800150	TRENCH BACKFILL	CU YD	6,676		
	21400100	GRADING AND SHAPING DITCHES	FOOT	1,790		
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,071		
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	3,213		
	25000750	MOWING	ACRE	61.3		
	25100127	MULCH, METHOD 3A	ACRE	61.3		
	30201500	LIME	TON	200		
	30201600	FLY ASH	TON	200		
	31100200	SUBBASE GRANULAR MATERIAL, TYPE A	CU YD	857		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	1,972		
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	2,641		
	35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	7,116		
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	3,767		
	35800100	PREPARATION OF BASE	SQ YD	7,368		
	35800200	AGGREGATE BASE REPAIR	TON	55		
	40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	7,395		
	40200700	AGGREGATE SURFACE COURSE, TYPE A 8"	SQ YD	274		
	40300400	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	TON	1		
	40300600	SEAL COAT AGGREGATE	TON	3		
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1,186		
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5		
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,460		
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	503		
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1,673		
	42001300	PROTECTIVE COAT	SQ YD	20,987		
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	167		
	44000100	PAVEMENT REMOVAL	SQ YD	29,677		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	60		
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	188		
	44000400	GUTTER REMOVAL	FOOT	2,850		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	613		
	44001980	CONCRETE BARRIER REMOVAL	FOOT	77		
	44004000	PAVED DITCH REMOVAL	FOOT	1,460		
	44004250	PAVED SHOULDER REMOVAL	SQ YD	29,926		
	44200569	CLASS A PATCHES, TYPE III, 11 INCH	SQ YD	76		
	44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	67		
	44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	118		
	48100300	AGGREGATE SHOULDERS, TYPE A 4"	SQ YD	453		
	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	209		
	50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1		
	50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		
	50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1		
	50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1		
	50102400	CONCRETE REMOVAL	CU YD	93		
	50104400	CONCRETE HEADWALL REMOVAL	EACH	14		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	50105220	PIPE CULVERT REMOVAL	FOOT	65		
	50157300	PROTECTIVE SHIELD	SQ YD	46,334		
	50200100	STRUCTURE EXCAVATION	CU YD	26,530		
	50200300	COFFERDAM EXCAVATION	CU YD	340		
	50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	5,697		
	50201121	COFFERDAM (TYPE 2) (LOCATION - 1)	EACH	1		
	50201122	COFFERDAM (TYPE 2) (LOCATION - 2)	EACH	1		
	50201123	COFFERDAM (TYPE 2) (LOCATION - 3)	EACH	1		
	50300225	CONCRETE STRUCTURES	CU YD	4,792		
	50300255	CONCRETE SUPERSTRUCTURE	CU YD	1,718		
	50300265	SEAL COAT CONCRETE	CU YD	193		
	50300300	PROTECTIVE COAT	SQ YD	63,040		
	50500505	STUD SHEAR CONNECTORS	EACH	36,528		
	50800105	REINFORCEMENT BARS	POUND	932,690		
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,930,360		
	50800515	BAR SPLICERS	EACH	412		
	50800530	MECHANICAL SPLICERS	EACH	1,180		
	51100100	SLOPE WALL 4 INCH	SQ YD	660		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	51201400	FURNISHING STEEL PILES HP10X42	FOOT	4,961		
	51201800	FURNISHING STEEL PILES HP14X73	FOOT	2,092		
	51201900	FURNISHING STEEL PILES HP14X89	FOOT	3,816		
	51202000	FURNISHING STEEL PILES HP14X102	FOOT	4,849		
	51202305	DRIVING PILES	FOOT	15,718		
	51203400	TEST PILE STEEL HP10X42	EACH	6		
	51203800	TEST PILE STEEL HP14X73	EACH	1		
	51203900	TEST PILE STEEL HP14X89	EACH	2		
	51204000	TEST PILE STEEL HP14X102	EACH	4		
	51204650	PILE SHOES	EACH	369		
	51602000	PERMANENT CASING	FOOT	2,391		
GBSP	51603000	DRILLED SHAFT IN SOIL	CU YD	3,574		
GBSP	51604000	DRILLED SHAFT IN ROCK	CU YD	952		
	52000110	PREFORMED JOINT STRIP SEAL	FOOT	231		
	52100520	ANCHOR BOLTS, 1"	EACH	1,120		
	52100540	ANCHOR BOLTS, 1 1/2"	EACH	88		
	52100560	ANCHOR BOLTS, 2"	EACH	80		
	52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	3,338		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2		
	54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	1		
	54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	1		
	54010603	PRECAST CONCRETE BOX CULVERTS 6' X 3'	FOOT	354		
	54010604	PRECAST CONCRETE BOX CULVERTS 6' X 4'	FOOT	47		
	54215460	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 60"	EACH	1		
	54248510	CONCRETE COLLAR	CU YD	2		
	5425A066	PIPE CULVERTS, CLASS A, TYPE 5 66" (TEMPORARY)	FOOT	110		
BDE	54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	78		
BDE	54263272	CONCRETE END SECTION, STANDARD 542011, 72", 1:2	EACH	1		
	542A3415	PIPE CULVERTS, CLASS A, TYPE 5 60"	FOOT	38		
	542C5497	PIPE CULVERTS, CLASS C, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	116		
*	542JA048	PIPE CULVERTS, CLASS A 48" (JACKED)	FOOT	498		
*	542JA060	PIPE CULVERTS, CLASS A 60" (JACKED)	FOOT	352		
*	542JC048	PIPE CULVERTS, CLASS C 48" (JACKED)	FOOT	90		
	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	237		
	550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	11		
	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	89		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	170		
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	68		
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	669		
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	1,051		
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	773		
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	373		
	550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	417		
	550A0490	STORM SEWERS, CLASS A, TYPE 2 54"	FOOT	235		
	550A0680	STORM SEWERS, CLASS A, TYPE 3 18"	FOOT	58		
	550A1000	STORM SEWERS, CLASS A, TYPE 4 21"	FOOT	101		
	550A1010	STORM SEWERS, CLASS A, TYPE 4 24"	FOOT	205		
	550A4750	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 72"	FOOT	239		
	55100200	STORM SEWER REMOVAL 6"	FOOT	45		
	55100300	STORM SEWER REMOVAL 8"	FOOT	56		
	55100500	STORM SEWER REMOVAL 12"	FOOT	1,615		
	55100700	STORM SEWER REMOVAL 15"	FOOT	1,188		
	55100900	STORM SEWER REMOVAL 18"	FOOT	486		
	55101200	STORM SEWER REMOVAL 24"	FOOT	566		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	55101600	STORM SEWER REMOVAL 36"	FOOT	42		
	55101800	STORM SEWER REMOVAL 42"	FOOT	64		
	55102000	STORM SEWER REMOVAL 54"	FOOT	267		
	55102400	STORM SEWER REMOVAL 78"	FOOT	233		
*	55201500	STORM SEWERS JACKED IN PLACE, 42"	FOOT	438		
*	55201600	STORM SEWERS JACKED IN PLACE, 48"	FOOT	421		
*	56105000	WATER VALVES 8"	EACH	1		
*	56105410	WATER VALVES 20"	EACH	2		
*	56400825	FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE	EACH	7		
	58000100	MEMBRANE WATERPROOFING	SQ FT	4,270		
	58700300	CONCRETE SEALER	SQ FT	64,962		
	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	844		
	60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4		
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	6		
	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1		
*	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	25		
*	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		
*	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	10		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5		
*	60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4		
*	60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		
*	60249010	VALVE VAULTS, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2		
	60253000	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	16		
	60253100	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4		
	60500040	REMOVING MANHOLES	EACH	15		
	60500050	REMOVING CATCH BASINS	EACH	4		
	60500060	REMOVING INLETS	EACH	10		
	60500105	FILLING MANHOLES	EACH	3		
*	60603900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)	FOOT	178		
	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2		
	63200310	GUARDRAIL REMOVAL	FOOT	4,740		
	64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2		
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	14,070		
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	492		
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	1,080		
BDE	70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	187		

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BDE	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	176,833		
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1,875.0		
	70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1		
	70600280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3	EACH	3		
	70600370	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, NARROW), TEST LEVEL 3	EACH	7		
	73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	5		
	73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	8		
	73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	8		
	73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	10		
	78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	83		
	78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	143,130		
	78200006	GUARDRAIL REFLECTORS, TYPE B	EACH	2		
	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	52		
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	41		
	81028720	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.	FOOT	525		
	81100800	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., GALVANIZED STEEL	FOOT	20		
	81200215	CONDUIT EMBEDDED IN STRUCTURE, 1 1/4" DIA., PVC	FOOT	4,922		
	81300900	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 20" X 16" X 6"	EACH	6		

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	81603081	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	775		
	81800150	AERIAL CABLE, 3-1/C NO. 3/0 WITH MESSENGER WIRE	FOOT	162		
	81800340	AERIAL CABLE, 3-1/C NO. 8 WITH MESSENGER WIRE	FOOT	1,871		
	81800400	AERIAL CABLE, 4-1/C NO. 2 WITH MESSENGER WIRE	FOOT	11,638		
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	401		
	83700300	LIGHT TOWER FOUNDATION, 48" DIAMETER	FOOT	27		
	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	3		
	84200804	REMOVAL OF POLE FOUNDATION	EACH	7		
	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	5		
	87900200	DRILL EXISTING HANDHOLE	EACH	19		
*	89000200	TEMPORARY TRAFFIC SIGNAL INSTALLATION	L SUM	1		
	89502380	REMOVE EXISTING HANDHOLE	EACH	14		
GBSP	X0320051	CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	6,014		
GBSP	X0320052	CROSSHOLE SONIC LOGGING TESTING	EACH	157		
*	X0322916	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	5		
*	X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	5		
*	X0322918	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	15		
*	X0322924	RETAINING WALL REMOVAL	SQ FT	6,388		
*	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	13		

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*	X0323814	SANITARY SEWER REMOVAL, 18"	FOOT	137		
*	X0323868	DRAINAGE RESTRICTOR	EACH	1		
*	X0325349	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	FOOT	1,887.5		
*	X0325815	REMOVE EXISTING CABLE	FOOT	12,886		
*	X0326358	STORM WATER TREATMENT SYSTEM	EACH	4		
*	X0326458	PAVEMENT REPLACEMENT, SPECIAL	SQ YD	276		
*	X0326659	CURED-IN-PLACE PIPE LINER, 18"	FOOT	326		
*	X0326661	CURED-IN-PLACE PIPE LINER, 21"	FOOT	66		
*	X0327357	CONSTRUCTION VIBRATION MONITORING	L SUM	1		
*	X0327786	CURED-IN-PLACE PIPE LINER, 15"	FOOT	232		
*	X0487800	SANITARY SEWER REMOVAL 12"	FOOT	92		
*	X0900029	TEMPORARY SUPPORT SYSTEM (TO REMAIN IN PLACE)	EACH	1		
*	X1200042	MANHOLES, TYPE A, 9'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	EACH	1		
*	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	502		
GBSP	X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	47,526		
*	X5030290	STAINING CONCRETE STRUCTURES	SQ FT	898		
*	X5041800	CONCRETE ANCHORS	EACH	16		
*	X5210130	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 300K	EACH	22		

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*	X5210140	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 350K	EACH	49		
*	X5210150	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 400K	EACH	84		
*	X5210160	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 450K	EACH	57		
*	X5210380	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 900K	EACH	11		
*	X5210790	HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 300K	EACH	12		
*	X5428860	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 60" (SPECIAL)	EACH	2		
*	X5538700	STORM SEWERS TO BE CLEANED 42"	FOOT	148		
*	X5538900	STORM SEWERS TO BE CLEANED 54"	FOOT	600		
*	X5610706	WATER MAIN REMOVAL, 6"	FOOT	90		
*	X5630006	CUT AND CAP EXISTING 6" WATER MAIN	EACH	1		
*	X5630008	CUT AND CAP EXISTING 8" WATER MAIN	EACH	1		
*	X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	2		
*	X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3		
*	X6026622	VALVE VAULTS TO BE REMOVED	EACH	4		
*	X6640525	CHAIN LINK FENCE, 4' ATTACHED TO STRUCTURE	FOOT	1,000		
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		
BDE	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	50,925		
*	X7330091	CONDUIT CONNECTION CAP	EACH	28		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	X8130125	REMOVE EXISTING JUNCTION BOX	EACH	21		
*	X8211000	UNDERPASS LUMINAIRE (SPECIAL)	EACH	18		
*	X8420111	REMOVAL OF UNDERPASS LIGHTING UNIT, NO SALVAGE	EACH	14		
*	X8951011	REMOVE AERIAL CABLE	FOOT	570		
*	Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	5		
GBSP	Z0021908	SILICONE JOINT SEALER, 2"	FOOT	21		
*	Z0023500	FILLING EXISTING CULVERTS	CU YD	552		
*	Z0026400	FURNISHING AND PLACING SAND FILL	CU YD	150		
D1	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	103		
D1	Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	19		
*	Z0034212	MECHANICALLY STABILIZED EARTH RETAINING WALL, SPECIAL	SQ FT	6,860		
GBSP	Z0034396	MODULAR EXPANSION JOINT 12"	FOOT	368		
GBSP	Z0034398	MODULAR EXPANSION JOINT 15"	FOOT	184		
*	Z0044298	PRESSURE CONNECTION TO EXISTING WATER MAIN	EACH	3		
GBSP	Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	1,632		
*	Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	44		
*	Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	24		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	253		
*	Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	235		
*	Z0056631	STORM SEWER (WATER MAIN REQUIREMENTS) EQUIVALENT ROUND-SIZE 24 INCH	FOOT	137		
*	Z0057300	SANITARY SEWER 18"	FOOT	231		
*	Z0062456	TEMPORARY PAVEMENT	SQ YD	3,170		
*	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1		
*	XX003453	REMOVAL OF EXISTING AERIAL CABLE ASSEMBLY, NO SALVAGE	FOOT	9,694		
*	JA000113	BUTTERFLY VALVE AND VAULT, 20"	EACH	1		
*	JA000125	BUTTERFLY VALVE AND VAULT, 36"	EACH	3		
*	JA000150	DUCTILE IRON WATER MAIN CAP, 8"	EACH	1		
*	JA000153	DUCTILE IRON WATERMAIN CAP, 14"	EACH	4		
*	JA000155	DUCTILE IRON WATER MAIN CAP, 20"	EACH	3		
*	JA000169	NON-PRESSURE CONNECTION TO EXISTING WATER MAIN, 20"	EACH	3		
*	JA000210	DUCTILE IRON WATER MAIN, 6", RESTRAINED JOINT PIPE	FOOT	50		
*	JA000218	DUCTILE IRON WATER MAIN, 14", RESTRAINED JOINT PIPE	FOOT	349		
*	JA000222	DUCTILE IRON WATER MAIN, 20", RESTRAINED JOINT PIPE	FOOT	575		
*	JA000265	STEEL CASING PIPE, 54"	FOOT	551		
*	JA000425	REMOVAL OF EXISTING WATER MAIN, 36"	FOOT	340		
*	JA000477	ABANDON EXISTING WATER MAIN IN PLACE, 8"	FOOT	56		

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*	JA000481	ABANDON EXISTING WATER MAIN IN PLACE, 14"	FOOT	379		
*	JA000485	ABANDON EXISTING WATER MAIN IN PLACE, 20"	FOOT	646		
*	JA000500	ABANDON EXISTING WATER MAIN IN PLACE, 36"	FOOT	777		
*	JA000595	STEEL STORM SEWER, 18"	FOOT	143		
*	JA000670	FIRE HYDRANTS REMOVAL	EACH	2		
*	JA000830	PVC WATER MAIN, 20"	FOOT	16		
*	JA000840	PVC WATER MAIN, 36"	FOOT	1,136		
*	JA000850	PVC WATER MAIN CAP, 20"	EACH	1		
*	JA000860	PVC WATER MAIN CAP, 36"	EACH	2		
*	JI209030	POROUS GRANULAR EMBANKMENT	CU YD	5		
*	JI211110	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	53,525		
*	JI213004	EXPLORATION TRENCH, UTILITIES (HAND EXCAVATION)	FOOT	3,802		
*	JI213006	EXPLORATION TRENCH, UTILITIES (VACUUM EXCAVATION)	FOOT	3,020		
*	JI251010	EROSION CONTROL BLANKET, BIODEGRADABLE NETTING	SQ YD	165,548		
*	JI251015	HEAVY DUTY EROSION CONTROL BLANKET, BIODEGRADABLE NETTING	SQ YD	7,957		
*	JI282010	SUBGRADE FILTER FABRIC	SQ YD	29,688		
*	JI312022	STABILIZED SUBBASE – WMA, 3"	SQ YD	22,508		
*	JI406037	MATERIAL TRANSFER DEVICE	TON	3,951		
*	JI406041	STONE MATRIX WARM MIX ASPHALT BINDER COURSE, IL-9.5, N80	TON	1,451		
*	JI406043	STONE MATRIX WARM MIX ASPHALT SURFACE FRICTION COURSE, IL9.5 N80	TON	131		
*	JI406048	STONE MATRIX WARM MIX ASPHALT SURFACE FRICTION COURSE, IL12.5 N80	TON	2,448		
*	JI406107	ASPHALT TACK COAT	POUND	47,356		

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*	JI406510	WARM-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	985		
*	JI406900	CONSTRUCTING WARM MIX ASPHALT TEST STRIP	EACH	2		
*	JI420040	BRIDGE APPROACH SLAB	SQ YD	1,657		
*	JI420041	TRANSITION APPROACH SLAB	SQ YD	3,293		
*	JI420046	TRANSITION APPROACH SHOULDER SLAB	SQ YD	144		
*	JI440010	CONCRETE MEDIAN BARRIER AND BASE REMOVAL	FOOT	4,862		
*	JI440022	SHOULDER RUMBLE STRIP REMOVAL	SQ YD	572		
*	JI481070	AGGREGATE SHOULDERS SPECIAL, TYPE C	TON	186		
*	JI481130	AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 4"	SQ YD	1,792		
*	JI482104	WARM-MIX ASPHALT SHOULDERS (6 IN.)	SQ YD	1,816		
*	JI482128	WARM-MIX ASPHALT SHOULDERS, SPECIAL (9 IN.)	SQ YD	5,818		
*	JI485010	TEMPORARY PAVEMENT, CLASS 1	SQ YD	2,226		
*	JI485020	TEMPORARY PAVEMENT, CLASS 2	SQ YD	20,092		
*	JI485030	TEMPORARY PAVEMENT, CLASS 3	SQ YD	22,432		
DSE	JI501030	REMOVAL OF EXISTING CONCRETE PIER PROTECTION BARRIER	FOOT	60		
*	JI503006	REMOVAL OF EXISTING TRANSITION APPROACH SLABS	SQ YD	1,486		
*	JI503010	HIGH PERFORMANCE CONCRETE SUPERSTRUCTURE	CU YD	17,868		
*	JI503020	HIGH PERFORMANCE CONCRETE MOMENT SLAB STRUCTURES	CU YD	787		
*	JI503230	MASS CONCRETE STRUCTURES	CU YD	7,248		

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*	JI504810	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE WIDE FLANGE BEAMS, 72", 8.5 KSI	FOOT	7,643		
*	JI504812	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE WIDE FLANGE BEAMS, 84", 8.5 KSI	FOOT	6,021		
*	JI504814	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE WIDE FLANGE BEAMS, 90", 8.5 KSI	FOOT	19,229		
*	JI504816	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE WIDE FLANGE BEAMS, 90", 10.0 KSI	FOOT	9,123		
*	JI505231	FURNISHING AND ERECTING STRUCTURAL STEEL NO. 1	L SUM	1		
*	JI505232	FURNISHING AND ERECTING STRUCTURAL STEEL NO. 2	L SUM	1		
*	JI505233	FURNISHING AND ERECTING STRUCTURAL STEEL NO. 3	L SUM	1		
*	JI505234	FURNISHING AND ERECTING STRUCTURAL STEEL NO. 4	L SUM	1		
*	JI505240	FURNISHING AND ERECTING MISCELLANEOUS STEEL	POUND	7,740		
*	JI505920	SAFTEY CABLE SYSTEM	L SUM	1		
*	JI521822	HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 350K	EACH	22		
*	JI521824	HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 400K	EACH	20		
*	JI521826	HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 450K	EACH	14		
*	JI521900	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED-1500K	EACH	20		
*	JI522500	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	24,096		
*	JI522505	TEMPORARY MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	8,866		
*	JI550100	TEMPORARY STORM SEWER, CLASS A, 12"	FOOT	1,363		
*	JI550102	TEMPORARY STORM SEWER, CLASS A, 15"	FOOT	581		

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*	JI550104	TEMPORARY STORM SEWER, CLASS A, 18"	FOOT	204		
*	JI593030	ABANDON AND FILL EXISTING STORM SEWER	CU YD	167		
*	JI599007	TEMPORARY SOIL RETENTION SYSTEM TO REMAIN IN PLACE	SQ FT	15,436		
*	JI601300	PIPE UNDERDRAINS, 6" (SPECIAL)	FOOT	421		
*	JI601320	PIPE UNDERDRAINS, FABRIC LINED TRENCH 6"	FOOT	4,415		
*	JI602100	OUTLET CONTROL STRUCTURE TYPE 1 (CHECK DAM)	EACH	1		
*	JI602115	CATCH BASINS, TYPE G-2, TYPE G-2 FRAME AND GRATE	EACH	1		
*	JI602120	CATCH BASINS, TYPE G-3, TYPE G-3 FRAME AND GRATE	EACH	9		
*	JI602182	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE G-2 FRAME AND GRATE	EACH	5		
*	JI602184	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20A FRAME AND GRATE	EACH	6		
*	JI602230	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (TEMPORARY)	EACH	9		
*	JI602231	INLETS, TYPE A, TYPE 20A FRAME AND GRATE	EACH	10		
*	JI602235	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID (TEMPORARY)	EACH	7		
*	JI602237	INLETS, TYPE B, TYPE 20A FRAME AND GRATE	EACH	6		
*	JI602300	MANHOLE, TYPE A, 5' DIA., TYPE G-3 FRAME AND GRATE	EACH	1		
*	JI602519	DRAINAGE STRUCTURES TO BE ADJUSTED WITH TWO TYPE 20A FRAME AND GRATE	EACH	2		
*	JI606010	GUTTER, TYPE G-2	FOOT	775		
*	JI606020	GUTTER, TYPE G-3	FOOT	987		

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*	JI606050	CONCRETE GUTTER (SPECIAL)	FOOT	150		
*	JI630002	GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	63.4		
*	JI630004	GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	500.0		
*	JI631112	TRAFFIC BARRIER TERMINAL, TYPE T1-A (SPECIAL)	EACH	1		
*	JI631120	TRAFFIC BARRIER TERMINAL, TYPE T2	EACH	1		
*	JI631130	TRAFFIC BARRIER TERMINAL, TYPE T6	EACH	1		
*	JI631135	TRAFFIC BARRIER TERMINAL, TYPE T6B	EACH	1		
*	JI631140	TRAFFIC BARRIER TERMINAL, TYPE T10	EACH	1		
*	JI633032	REMOVE AND RE-ERECT STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	60		
*	JI637030	CONCRETE BARRIER , SINGLE FACE, REINFORCED, 42 INCH	FOOT	232		
*	JI637032	CONCRETE BARRIER BASE FOR SINGLE FACE BARRIER, REINFORCED, 42 INCH	FOOT	232		
*	JI638010	TEMPORARY MODULAR GLARE SCREEN SYSTEM	FOOT	2,626		
*	JI664305	RIGHT-OF-WAY FENCE, TYPE 1, 6'	FOOT	4,347		
*	JI664310	CORNER POST, RIGHT-OF-WAY FENCE, TYPE1	EACH	17		
*	JI664315	PULL POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	6		
*	JI664320	END POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	9		
*	JI664325	PEDESTRIAN GATE, RIGHT-OF-WAY FENCE, TYPE 1	EACH	3		
*	JI664335	DOUBLE VEHICLE GATE, RIGHT-OF-WAY FENCE, TYPE 1	EACH	5		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JI664400	RIGHT OF WAY FENCE REMOVAL	FOOT	4,844		
*	JI664615	TEMPORARY CHAIN LINK FENCE 8' SCREENING, TYPE 1	FOOT	569		
*	JI664620	TEMPORARY CHAIN LINK FENCE 8' SCREENING, TYPE 2	FOOT	5,746		
*	JI664621	TEMPORARY CHAIN LINK FENCE 8', WITH SCREENING REMOVAL	FOOT	2,500		
*	JI680003	HEADWALL TYPE I, 21"	EACH	1		
*	JI680004	HEADWALL TYPE I, 24"	EACH	9		
*	JI680010	HEADWALL TYPE II, 42"	EACH	1		
*	JI680011	HEADWALL TYPE II, 48"	EACH	2		
*	JI680012	HEADWALL TYPE II, 54"	EACH	1		
*	JI680021	HEADWALL TYPE III, 42", 1:4	EACH	1		
*	JI680022	HEADWALL TYPE III, 48", 1:4	EACH	9		
*	JI680102	SLOPED HEADWALL TYPE I, 12"	EACH	1		
*	JI680103	SLOPED HEADWALL TYPE I, 15"	EACH	1		
*	JI680104	SLOPED HEADWALL TYPE I, 18"	EACH	1		
*	JI680120	SLOPED HEADWALL TYPE III, 6", 1:3	EACH	6		
*	JI680122	SLOPED HEADWALL TYPE III, 15", 1:3	EACH	3		
*	JI680123	SLOPED HEADWALL TYPE III, 18", 1:3	EACH	2		
*	JI680125	SLOPED HEADWALL TYPE III, 24", 1:3	EACH	1		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JI680130	SLOPED HEADWALL TYPE III, 6", 1:4	EACH	6		
*	JI680131	SLOPED HEADWALL TYPE III, 12", 1:4	EACH	3		
*	JI680132	SLOPED HEADWALL TYPE III, 15", 1:4	EACH	2		
*	JI680133	SLOPED HEADWALL TYPE III, 18", 1:4	EACH	1		
*	JI680135	SLOPED HEADWALL TYPE III, 24", 1:4	EACH	3		
*	JI680137	SLOPED HEADWALL TYPE III, 30", 1:4	EACH	1		
*	JI680140	SLOPED HEADWALL TYPE III, 6", 1:6	EACH	4		
*	JI680141	SLOPED HEADWALL TYPE III, 12", 1:6	EACH	1		
*	JI680143	SLOPED HEADWALL TYPE III, 18", 1:6	EACH	2		
*	JI680147	SLOPED HEADWALL TYPE III, 30", 1:6	EACH	1		
*	JI704012	FURNISH AND INSTALL TEMPORARY CONCRETE BARRIER, TO REMAIN IN PLACE	FOOT	17,066.0		
*	JI704014	RELOCATE TEMPORARY CONCRETE BARRIER, TO REMAIN IN PLACE	FOOT	40,012.0		
*	JI706282	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3, TO REMAIN IN PLACE	EACH	5		
*	JI706331	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3, TO REMAIN IN PLACE	EACH	8		
*	JI725000	TERMINAL MARKER - DIRECT APPLIED	EACH	1		
*	JI782014	GUARDRAIL BARRIER REFLECTORS, TYPE B	EACH	14		
*	JI782022	BARRIER WALL REFLECTORS, TYPE C	EACH	1,681		
*	JI811276	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., STAINLESS STEEL	FOOT	63		

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*	JI811280	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., STAINLESS STEEL	FOOT	116		
*	JI830205	TEMPORARY WOOD POLE, 90 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	47		
*	JI830210	TEMPORARY WOOD POLE, 90 FT., CLASS 2, TO REMAIN IN PLACE	EACH	2		
*	JI999443	PRESSURE VALVE INSERT, 20"	EACH	3		
*	JI999707	STEEL CASING PIPE , BORED AND JACKED, 30"	FOOT	536		
*	JI999737	PVC WATER MAIN, 8"	FOOT	230		
**	JS107360	DUST CONTROL WATERING	UNIT	7,500		
**	JS107361	APPLY DUST SUPPRESSION AGENTS	UNIT	2,500		
**	JS120100	TRAILER MOUNTED FULL MATRIX PORTABLE CHANGEABLE MESSAGE SIGNS	EACH	7		
**	JS120710	ENERGY ATTENUATOR	EACH	1		
**	JS120715	ENERGY ATTENUATOR CONCRETE PAD	SQ FT	210		
**	JS120720	ENERGY ATTENUATOR REMOVAL	EACH	1		
*	JS120819	SCUPPER	EACH	44		
**	JS250220	SEEDING, CLASS 2E	ACRE	4.5		
**	JS250314	SEEDING, CLASS 4B	ACRE	5.5		
**	JS250318	SEEDING, CLASS 4F	ACRE	26.0		
**	JS250320	SEEDING, CLASS 5	ACRE	26.0		
**	JS250324	SEEDING, CLASS 5B	ACRE	5.5		
**	JS250350	SEEDING, CLASS 7	ACRE	61.3		
**	JS280020	MANAGEMENT OF EROSION AND SEDIMENT CONTROL	CAL. MO.	20		

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**	JS280030	EROSION AND SEDIMENT CONTROL-EXCAVATION	CU YD	2,250		
**	JS280040	EROSION AND SEDIMENT CONTROL-CLEANOUT	CU YD	2,250		
**	JS280050	SILT FENCE	FOOT	17,176		
**	JS280051	RE-ERECT SILT FENCE	FOOT	8,420		
**	JS280070	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	1,500		
**	JS280080	FLOTATION BOOM	FOOT	1,612		
**	JS280100	SUPER SILT FENCE	FOOT	4,604		
**	JS280110	TEMPORARY PIPE SLOPE DRAINS	FOOT	2,100		
**	JS280120	TREE PROTECTION	FOOT	500		
**	JS280140	TEMPORARY RIPRAP	TON	1,126		
**	JS280151	SAME-DAY STABILIZATION	SQ YD	313,969		
**	JS280180	RECTANGULAR INLET PROTECTION	EACH	31		
**	JS280210	FILTER FABRIC INLET PROTECTION, BASKET TYPE	EACH	150		
**	JS280305	TEMPORARY DITCH CHECKS	FOOT	2,145		
*	JS503160	DIAMOND GRINDING AND SURFACE SMOOTHNESS FOR BRIDGE SECTIONS	SQ YD	57,790		
*	JS670CM0	FIELD OFFICE, TYPE C (MODIFIED)	CAL MO	31		
*	JS671020	MOBILIZATION, TOLLWAY (MODIFIED)	L SUM	1		
*	JS701010	MAINTENANCE OF TRAFFIC	L SUM	1		
**	JS734A10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, SPAN TYPE	CU YD	71		

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**	JS734G10	FOUNDATION FOR ITS GANTRY FRAME	CU YD	38		
**	JS804100	ELECTRIC SERVICE INSTALLATION	EACH	3		
**	JS810837	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	44		
**	JS810839	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	1,526		
**	JS810841	UNDERGROUND CONDUIT, PVC, 6" DIA.	FOOT	414		
**	JS810874	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/2" DIA.	FOOT	816		
**	JS810875	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	2,857		
**	JS810879	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	1,146		
**	JS811032	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	159		
**	JS812022	CONDUIT EMBEDDED IN STRUCTURE, 1 1/2" DIA., PVC	FOOT	1,083		
**	JS812023	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	10,696		
**	JS813022	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	3		
**	JS813053	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	7		
*	JS813055	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	24		
*	JS813083	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	1		
**	JS814002	HEAVY-DUTY HANDHOLE, TOLLWAY	EACH	25		
**	JS816076	UNIT DUCT, WITH 4-1/C NO. 2 AND 1/C NO. 4 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	FOOT	6,240		
**	JS817211	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	3,045		

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**	JS817212	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	45,425		
**	JS817213	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	18,213		
**	JS817215	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	1,606		
**	JS817218	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	FOOT	108		
**	JS817219	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4/0	FOOT	3,961		
**	JS821003	TEMPORARY LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	24		
*	JS821009	TEMPORARY LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750WATT	EACH	68		
**	JS821100	LUMINAIRE, LED, HORIZONTAL MOUNT	EACH	22		
**	JS821110	UNDERPASS LUMINAIRE, LED	EACH	4		
**	JS830003	GROUND MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 15 FT. MAST ARM	EACH	2		
**	JS830013	WALL MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 12 FT. MAST ARM	EACH	20		
**	JS830024	TEMPORARY WOOD POLE, 30 FT., CLASS 4	EACH	2		
**	JS830025	TEMPORARY WOOD POLE, 40 FT., CLASS 4	EACH	1		
**	JS830027	TEMPORARY WOOD POLE, 50 FT., CLASS 4	EACH	7		
*	JS830038	BRIDGE MOUNTED LIGHT POLE, STEEL, 60 FT., 15 FT MAST ARM	EACH	21		
**	JS836003	LIGHT POLE FOUNDATION (ROADWAY) CONCRETE	EACH	3		
**	JS842085	REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	78		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JS842090	REMOVAL OF SIGN LUMINAIRE	EACH	5		
**	JS842100	REMOVAL OF UNDERPASS LUMINAIRE	EACH	2		
**	JS842105	POLE FOUNDATION, REMOVED	EACH	45		
**	JS845011	REMOVAL OF LIGHTING CONTROLLER	EACH	1		
**	JS845012	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1		
**	JS845013	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1		
**	JS846001	MAINTAIN LIGHTING SYSTEM	L SUM	1		
*	JT130752	CONCRETE FOUNDATION, INTERMEDIATE POWER DISTRIBUTION AND COMMUNICATION FACILITY	EACH	1		
*	JT130754	ELECTRIC WORK, INTERMEDIATE POWER DISTRIBUTION AND COMMUNICATION FACILITY	EACH	1		
*	JT131142	ROADWAY WEATHER INFORMATION SYSTEM	EACH	1		
*	JT131316	BLUETOOTH VEHICLE DETECTION ASSEMBLY	EACH	1		
*	JT131541	FIRE SUPPRESSION SYSTEM	L SUM	1		
*	JT132115	REMOVE DYNAMIC MESSAGE SIGN EQUIPMENTS - TYPE 1	EACH	1		
*	JT132810	ITS POLE MOUNTED ENCLOSURE (CCTV OR MVDS)	EACH	3		
*	JT132814	ITS DISCONNECT SWITCH ASSEMBLY	EACH	1		
*	JT132815	ITS FRAME MOUNTED DISCONNECT SWITCH	EACH	2		
*	JT132820	CCTV CAMERA, ITS ASSEMBLY (TOLLWAY)	EACH	3		
*	JT132830	FIBER OPTIC COMMUNICATIONS, ITS ASSEMBLY	EACH	3		

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*	JT132835	WIRELESS COMMUNICATIONS, ITS ASSEMBLY	EACH	1		
*	JT134000	MAINTAIN INTELLIGENT TRANSPORTATION SYSTEMS	L SUM	1		
*	JT134010	INTELLIGENT TRANSPORTATION SYSTEMS CABINET FOUNDATION	EACH	2		
*	JT134030	INTELLIGENT TRANSPORTATION SYSTEMS GANTRY SITE GROUNDING	EACH	2		
*	JT134037	ITS ELEMENT SITE GROUNDING - POLE MOUNTED ASSEMBLY	EACH	3		
*	JT134041	ITS ELEMENT SITE GROUNDING - ITS MONOPOLE CCTV TOWER ASSEMBLY	EACH	1		
*	JT134047	ITS ELEMENT SITE GROUNDING - ROADWAY WEATHER INFORMATION SYSTEM	EACH	1		
*	JT134048	ITS ELEMENT SITE GROUNDING - ATM EQUIPMENT CABINETS	EACH	2		
*	JT135006	REMOVE MICROWAVE VEHICLE DETECTION ASSEMBLY	EACH	1		
*	JT135042	WEBCAM	EACH	2		
*	JT135076	REMOVE POLE MOUNTED CAMERA ASSEMBLY	EACH	3		
*	JT135096	ITS POLE AND BASE REMOVAL	EACH	2		
*	JT135097	REMOVE CCTV CAMERA, POLE MOUNTED	EACH	2		
*	JT135098	REMOVE CCTV CAMERA, STRUCTURE MOUNTED	EACH	1		
*	JT135100	CONCRETE FILLED PIPE BOLLARDS	EACH	6		
*	JT135200	PLAZA LANE CONVERSION	L SUM	1		
*	JT160000	CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ATTACHED TO STRUCTURE, 4" DIA, RIGID NONMETALLIC	FOOT	768		
*	JT160006	CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ATTACHED TO STRUCTURE, 8" DIA, RIGID NONMETALLIC	FOOT	21,300		
*	JT160024	CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ENCASED IN CONCRETE, 6" DIA, RIGID NONMETALLIC	FOOT	156		

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*	JT160028	CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ENCASED IN CONCRETE, 10" DIA, RIGID NONMETALLIC	FOOT	640		
*	JT160098	HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, TORSION ASSIST, 36"X60"X36"	EACH	13		
*	JT160099	HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, TORSION ASSIST, 48"X72"X36"	EACH	21		
*	JT160152	CABLE MARKER SIGN WITH POST FOR SINGLE MODE FIBER OPTIC CABLE	EACH	6		
*	JT160226	SINGLE MODE FIBER OPTIC CABLE REMOVAL, NO SALVAGE	FOOT	41,405		
*	JT160232	CONDUIT REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, ATTACHED TO STRUCTURE, RIGID NONMETALLIC, NO SALVAGE	FOOT	10,608		
*	JT160236	CONDUIT REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, COILABLE NONMETALLIC, NO SALVAGE	FOOT	79,609		
*	JT160251	HANDHOLE REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, NO SALVAGE	EACH	5		
*	JT160255	CABLE MARKER SIGN REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, NO SALVAGE	EACH	15		
*	JT160266	WOOD POLE REMOVAL, NO SALVAGE	EACH	3		
*	JT160304	LOCATE POST FOR SINGLE MODE FIBER OPTIC CABLE	EACH	31		
*	JT160320	FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 12 FIBERS	FOOT	277		
*	JT160324	FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 144 FIBERS	FOOT	9,856		
*	JT160328	FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 432 FIBERS	FOOT	9,019		
*	JT160356	INSTALL TOLLWAY FURNISHED FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 288 FIBERS	FOOT	29,974		
*	JT160378	INSTALL TOLLWAY FURNISHED FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 240 FIBERS	FOOT	18,520		
*	JT160385	MULTI MODE FIBER OPTIC CABLE, IN CONDUIT, TOLLWAY FURNISHED	FOOT	1,995		
DSE	JT190148	TRUCK MOUNTED ATTENUATOR	HOUR	1,680		
*	JT201940	SELECTIVE CLEARING (BRUSH REMOVAL)	ACRE	1.0		

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*	JT210001	POROUS GRANULAR BACKFILL	CU YD	8,886		
*	JT211200	PREPARED TOPSOIL FURNISH AND PLACE, 8"	SQ YD	450		
*	JT211A08	SUBGRADE AGGREGATE 9 IN.	CU YD	6,292		
*	JT211A11	SUBGRADE AGGREGATE 12 IN.	CU YD	19,274		
*	JT250410	BIOSWALE SEED MIXTURE 1	ACRE	0.3		
*	JT251020	BIOSWALE EROSION CONTROL BLANKET	SQ YD	733		
*	JT280500	SEDIMENT FILTER BAG	EACH	16		
*	JT280510	FLOC LOG	EACH	16		
*	JT280530	IN-LINE FLOCCULATION SYSTEM	EACH	8		
*	JT281020	FISH BARRIER ACCESS MANAGEMENT	L SUM	1		
*	JT285055	ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM, TYPE 1	SQ YD	4,158		
*	JT301010	GRANULAR SUBBASE, SPECIAL	CU YD	197		
*	JT420104	JOINTED PLAIN CONCRETE PAVEMENT FOR COMPOSITE PAVEMENT 11"	SQ YD	20,718		
*	JT442300	PARTIAL DEPTH BRIDGE DECK AND APPROACH SLAB ASPHALT REPAIR	SQ YD	70		
*	JT501925	REMOVAL OF EXISTING APPROACH SLABS	SQ YD	503		
*	JT503400	FAST DECK SLAB REPAIR (PARTIAL) - (SPECIAL)	SQ YD	140		
*	JT503410	FAST DECK SLAB REPAIR (FULL DEPTH, TYPE 1)	SQ YD	20		
*	JT503430	FAST APPROACH SLAB REPAIR (PARTIAL) - (SPECIAL)	SQ YD	10		
*	JT508010	REINFORCEMENT BARS, STAINLESS STEEL	POUND	6,177,850		
*	JT508020	BAR SPLICERS, STAINLESS STEEL	EACH	1,992		
*	JT508030	MECHANICAL SPLICERS, STAINLESS STEEL	EACH	1,786		
*	JT525080	EXPANSION JOINT MODIFICATION	FOOT	50		

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*	JT525125	BONDED PREFORMED JOINT SEAL, 2 IN.	FOOT	152		
*	JT525135	BONDED PREFORMED JOINT SEAL, 4 IN.	FOOT	541		
*	JT546000	TELEVISION INSPECTION OF SEWER	FOOT	12,556		
*	JT570P51	PERFORMANCE BASED RETAINING WALL, LOCATION 1	L SUM	1		
*	JT570P52	PERFORMANCE BASED RETAINING WALL, LOCATION 2	L SUM	1		
*	JT595001	BRIDGE DRAINAGE SYSTEM, LOCATION NO. 1	L SUM	1		
*	JT595002	BRIDGE DRAINAGE SYSTEM, LOCATION NO. 2	L SUM	1		
*	JT599040	REMOVAL OF EXISTING NOISE ABATEMENT WALL	SQ FT	34,017		
*	JT599P01	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 1	L SUM	1		
*	JT599P02	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 2	L SUM	1		
*	JT599P03	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 3	L SUM	1		
*	JT599P04	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 4	L SUM	1		
*	JT599P05	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 5	L SUM	1		
*	JT599P06	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 6	L SUM	1		
*	JT599P07	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 7	L SUM	1		
*	JT599P08	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 8	L SUM	1		
*	JT599P09	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 9	L SUM	1		
*	JT599P10	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 10	L SUM	1		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT601900	TRENCH DRAIN	FOOT	250		
*	JT601951	SCUPPER MODIFICATION	EACH	2		
*	JT601955	SCUPPER, SPECIAL	EACH	18		
DSE	JT701021	MAINTENANCE OF TRAFFIC, DAILY ONE LANE CLOSURE, STANDARD E2	EACH	34		
DSE	JT701026	MAINTENANCE OF TRAFFIC, DAILY TWO LANES CLOSURE, STANDARD E2	EACH	18		
DSE	JT701028	MAINTENANCE OF TRAFFIC, DAILY THREE LANES CLOSURE, STANDARD E2	EACH	18		
*	JT701030	SUPPLEMENTAL BARRICADE	EACH/DAY	13,500		
*	JT701031	SUPPLEMENTAL SIGNING	SQ FT	280		
*	JT701032	SUPPLEMENTAL FLASHING ARROW BOARD (PER DAY)	EACH/DAY	120		
*	JT701033	SUPPLEMENTAL FLASHING ARROW BOARD (PER WEEK)	EACH/WEEK	35		
*	JT701034	SUPPLEMENTAL FLASHING ARROW BOARD (PER MONTH)	EACH/MONTH	36		
*	JT701052	TEMPORARY INFORMATION SIGNING-GROUND MOUNT, GREATER THAN 24 SQ FT IN AREA	SQ FT	871		
*	JT701060	TEMPORARY INFORMATION SIGNING-OVERHEAD MOUNT, 24 SQ FT IN AREA OR LESS	SQ FT	24		
*	JT701250	TRAILER MOUNTED RADAR SPEED DISPLAY UNIT	CAL MO	36		
*	JT703104	LATE SEASON TEMPORARY PAVEMENT MARKING, 4"	FOOT	49,184		
*	JT720100	SIGN INSTALLATION, TYPE 1	SQ FT	16		
*	JT783005	WATERBLAST PAVEMENT MARKING REMOVAL WITH VACUUM RECOVERY	SQ FT	73,315		
*	JT804005	ELECTRIC SERVICE INSTALLATION - ITS	EACH	1		
*	JT810871	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, RIBBED, 1 1/2" DIA.	FOOT	35,643		
*	JT810873	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 1 1/4" DIA.	FOOT	65		
*	JT810876	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 2" DIA.	FOOT	3,746		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT810878	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 3" DIA.	FOOT	2,020		
*	JT810879	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 4" DIA.	FOOT	3,713		
*	JT810881	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 6" DIA.	FOOT	6,805		
*	JT810900	DUCT PACKAGE, CONDUIT ENCASED, CONCRETE, 1-1/2" DIA., 24 COUNT	FOOT	2,631		
*	JT810910	DUCT PACKAGE, CONDUIT ENCASED, CONCRETE, 4" DIA., 2 COUNT	FOOT	1,696		
*	JT811040	CONDUIT ATTACHED TO STRUCTURE, PVC, 2" DIA.	FOOT	4,805		
*	JT813010	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE (SPECIAL), 32" X 12" X 8"	EACH	4		
*	JT813014	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 6"	EACH	21		
*	JT813015	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 42" X 36" X 16"	EACH	4		
*	JT825025	TEMPORARY LIGHTING CONTROLLER, 480 VOLT, POLE MOUNTED	EACH	3		
*	JT830018	TEMPORARY WOOD POLE, 100 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	4		
*	JT830019	TEMPORARY WOOD POLE, 110 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	4		
*	JT830023	TEMPORARY WOOD POLE, 120 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	13		
*	JT830025	INSTALL WOOD POLE, 45 FEET, CLASS 2	EACH	11		
*	JT830028	INSTALL WOOD POLE, 70 FEET, CLASS 2	EACH	2		
*	JT830030	INSTALL WOOD POLE, 90 FEET, CLASS 2	EACH	1		
*	JT830054	GROUND MOUNTED LIGHT POLE, GALVANIZED STEEL, 60 FT., WITHOUT MAST ARM	EACH	1		
*	JT836020	ITS ELEMENT POLE FOUNDATION STEEL HELIX (12 FT)	EACH	1		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT836027	ITS CONCRETE SERVICE PAD, TYPE A	EACH	1		
*	JT844010	REMOVE AND REINSTALL LIGHTING UNIT	EACH	1		
*	JT900074	UTILITY PROTECTION	L SUM	1		
*	JT900077	CONCRETE TRANSFORMER PAD, 4' x 4'	SQ FT	32		
*	JT900085	REMOVE EXISTING TREADLE	EACH	3		
*	JT900099	LOAD TRANSFER PLATFORM	SQ YD	1,213		
*	JT900132	FLEXIBLE LIQUID TIGHT CONDUIT, METALLIC, 2" DIAMETER	FOOT	168		
*	JT900202	TEMPORARY CONSTRUCTION FENCE	FOOT	1,000		
*	JT900222	TEMPORARY LIGHT POLE SUPPORT	EACH	20		
*	JT900560	SUBGRADE SOIL STABILIZATION, TYPE IA	SQ YD	1,400		
*	JT900562	SUBGRADE SOIL STABILIZATION, TYPE IB	SQ YD	2,200		
*	JT900564	SUBGRADE SOIL STABILIZATION, TYPE II	SQ YD	1,200		
*	JT900566	SUBGRADE SOIL STABILIZATION, TYPE III	SQ YD	1,600		
*	JT900568	SUBGRADE SOIL STABILIZATION, TYPE IV	SQ YD	1,800		
*	JT900570	SUBGRADE SOIL STABILIZATION, TYPE V	SQ YD	2,200		
*	JT900580	CHEMICALLY STABILIZED SUBGRADE, 9"	SQ YD	29,594		
*	JT900680	CORRUGATED METAL LINER	FOOT	300		
*	JT900900	REMOVE AND RELOCATE WIRELESS VEHICLE DETECTOR SYSTEM	EACH	1		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT901056	LOCATOR TRACER WIRE	FOOT	19,257		
*	JT901075	NON-PRESSURE CONNECTION TO EXISTING WATER MAIN, 36"	EACH	2		
*	JT901081	VALVE VAULTS, 7' DIAMETER	EACH	3		
*	JT901130	DEWATERING	L SUM	1		
*	JT991131	CAUSEWAY, LOCATION 1	L SUM	1		
*	JT991132	CAUSEWAY, LOCATION 2	L SUM	1		
*	JT991133	CAUSEWAY, LOCATION 3	L SUM	1		
*	JT991134	CAUSEWAY, LOCATION 4	L SUM	1		
*	JT991135	CAUSEWAY, LOCATION 5	L SUM	1		
*	JT991136	CAUSEWAY, LOCATION 6	L SUM	1		
*	JT991137	CAUSEWAY, LOCATION 7	L SUM	1		
					TOTAL AMOUNT OF CORE WORK	

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT155001	CONTRACTOR'S QUALITY PROGRAM	L SUM	1	3,800,000.00	$3,800,000.00
*	JT151500	CONTRACT ADJUSTMENT ALLOWANCE FOR TEMPERATURE CONTROL OF CONCRETE	UNIT	200,000	1.00	$200,000.00
*	JT154001	PAVEMENT PATCHING AND TRAFFIC CONTROL	UNIT	300,000	1.00	$300,000.00
*	JT154002	DISPOSAL OF UNIDENTIFIED HAZARDOUS WASTE	UNIT	50,000	1.00	$50,000.00
*	JT154005	EMERGENCY PAVEMENT AND SHOULDER REPAIRS	UNIT	100,000	1.00	$100,000.00
*	JT154008	UNFORESEEN ADDITIONAL MAINTENANCE OF TRAFFIC	UNIT	100,000	1.00	$100,000.00
*	JT154016	ALLOWANCE FOR UNFORESEEN EROSION CONTROL MEASURES	UNIT	25,000	1.00	$25,000.00
*	JT154044	CONTRACT ALLOWANCE FOR UNSUITABLE SOIL AND HAZARDOUS WASTE REMOVAL	UNIT	25,000	1.00	$25,000.00
*	JT154062	CONTRACT ALLOWANCE FOR MAINTAIN INTELLIGENT TRANSPORTATION SYTEM REPAIR	UNIT	25,000	1.00	$25,000.00
*	JT154067	CONTRACT ALLOWANCE FOR CONSTRUCTIONWORKS APPRENTICES	UNIT	100,000	1.00	$100,000.00
*	JT154070	CONTRACT ALLOWANCE FOR EMERGENCY BRIDGE DECK REPAIRS AND TRAFFIC CONTROL	UNIT	1,000,000	1.00	$1,000,000.00
*	JT154072	CONTRACT ALLOWANCE FOR SOIL HANDLING AND MANAGEMENT	UNIT	100,000	1.00	$100,000.00
*	JT154102	ALLOWANCE FOR RAILROAD FLAGGING	UNIT	3,000,000	1.00	$3,000,000.00
*	JT154116	ALLOWANCE FOR UTILITY LINE PROTECTION	UNIT	1,500,000	1.00	$1,500,000.00
*	JT154148	ALLOWANCE FOR CAUSEWAY FLOOD PROTECTION	UNIT	100,000	1.00	$100,000.00
*	JT154150	ALLOWANCE FOR STEEL COSTS ADJUSTMENT	UNIT	300,000	1.00	$300,000.00
*	JT154160	ALLOWANCE FOR FUEL COSTS ADJUSTMENT	UNIT	40,000	1.00	$40,000.00
*	JT154161	ALLOWANCE FOR BITUMINOUS MATERIALS COSTS ADJUSTMENT	UNIT	25,000	1.00	$25,000.00
*	JT154194	ALLOWANCE FOR UNIDENTIFIED OBSTRUCTIONS	UNIT	450,000	1.00	$450,000.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	999NEG20	DAMAGES TO ILLINOIS TOLLWAY'S OPERATIONAL FACILITIES PER S.P. 115.5 - TRI-STATE	OCCUR		(10,000.00)	
	999NEG30	DAMAGES TO ILLINOIS TOLLWAY'S OPERATIONAL FACILITIES PER S.P. 115.5 - ALL ROADWAYS OFF-PEAK	OCCUR		(2,000.00)	
	999NEG31	DAMAGE TO ELECTRICAL FACILITIES PER TOLLWAY SUPPL. SPEC. 107.30(b)	INC/DAY		(1,000.00)	
	999NEG32	LIQUIDATED DAMAGES FOR DELAY IN SUBMITTAL OF PROGRESS SCHEDULE PER TOLLWAY SUPPL. SPEC. 108.02(e)	DAY		(300.00)	
	999NEG33	NON-COMPLIANCE WITH EROSION AND SEDIMENT CONTROL PER TOLLWAY SUPPL. SPEC 280.02 (b) (1)	INC/DAY		See Note 1	
	999NEG34	NON-COMPLIANCE WITH RESPONSIBILITY FOR CONSTRUCTION HAULING EQUIPMENT PER TOLLWAY SUPPL. SPEC. 105.15	DAY		(1,000.00)	
	999NEG35	FAILURE TO RESPOND TO REGULATORY AGENCY REQUESTS, PER TOLLWAY SUPPL. SPEC. 280.02 (b) (2)	OCCUR		(25,000.00)	
	999NEG36	FAILURE TO COMPLY WITH OCCUPANCY DATE OR PROVIDE COMPLETE FACILITIES. FIELD OFFICE OR LAB PER TOLLWAY SUPPL. SPEC. 670.01 (b)	DAY		(500.00)	
	999NEG37	NON-COMPLIANCE WITH TOLLWAY MAINTENANCE OF TRAFFIC PER TOLLWAY SUPPL. SPEC. 701.01 (b)(1)	INC/DAY		(2,500.00)	
	999NEG38	FAILURE TO RESPOND TO RE-ESTABLISH DEVICES PER TOLLWAY SUPPL. SPEC. 701.01 (b)(2)	OCCUR		(2,500.00)	
	999NEG39	FAILURE TO REPAIR IMPACT ATTENUATORS, TEMPORARY PER TOLLWAY SUPPL. SPEC. 701.01 (b)(3)	OCCUR		(2,500.00)	
	999NEG40	LOSS OR DAMAGE TO TOLLWAY OWNED DEVICES PER TOLLWAY SUPPL. SPEC. 701.01 (b)(4)	SQ. FT.		(100.00)	
	999NEG41	NON-COMPLIANCE WITH IDOT MAINTENANCE OF TRAFFIC PER TOLLWAY SUPPL. SPEC. 701.01 (b)(5)	INC/DAY		(2,500.00)	
	999NEG42	NON-COMPLIANCE WITH MAINTAIN LIGHTING SYSTEM, PER TOLLWAY SUPPL. SPEC. 846.06 (a)	INC/DAY		(1,000.00)	
	999NEG43	FAILURE TO RESPOND TO MAINTAIN LIGHTING SYSTEM, PER TOLLWAY SUPPL. SPEC. 846.06 (b)	OCCUR		(1,000.00)	

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	999NEG44	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.1	CAL DAY		(22,000.00)	
	999NEG45	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.2	CAL DAY		(22,000.00)	
	999NEG46	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.3	CAL DAY		(22,000.00)	
	999NEG47	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.4	CAL DAY		(22,000.00)	
	999NEG49	DAMAGE TO FIBER OPTIC UTILITIES, PER S.P. 115.3	OCCUR		(10,000.00)	
	999NEG54	DAMAGE TO TOLLWAY MULTI-MODE CABLE, DMS SIGNS, CAMERAS, TELECOMMUNICATION, CABLE, ELECTRICAL, WATER, AND SEWER PER S.P. 115.4	OCCUR		(1,000.00)	
	999NEG89	NON-COMPLIANCE WITH MAXIMUM ALLOWABLE SHUTDOWN	HOUR		(10,000.00)	
	999NEG90	ONE LANE OR RAMP BLOCKED PER S.P. FAILURE TO OPEN LANES TO TRAFFIC	15 MINUTES		(3,000.00)	
	999NEG91	TWO LANES BLOCKED PER S.P. FAILURE TO OPEN LANES TO TRAFFIC	15 MINUTES		(5,000.00)	

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
		ADJUSTMENTS				
	999ADJ20	PROTECTION METHOD I FOR CONCRETE IN SUBSTRUCTURES, CULVERTS, PUMP HOUSES AND RETAINING WALLS AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ21	PROTECTION METHOD II FOR CONCRETE IN SUBSTRUCTURES, CULVERTS, PUMP HOUSES, AND RETAINING WALLS AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ22	PROTECTION METHOD I FOR CONCRETE IN SUPERSTRUCTURES AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ23	PROTECTION METHOD II FOR CONCRETE IN SUPERSTRUCTURES AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ24	PROTECTION METHODS I, II OR III FOR CONCRETE IN FOOTINGS AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ25	PROTECTION METHOD I FOR CONCRETE IN SLOPE WALLS AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ30	CHILLING PROCEDURE FOR HIGH PERFORMANCE CONCRETE AS PER SPECIAL PROVISION FOR HIGH PERFORMANCE CONCRETE STRUCTURES			SEE NOTE 1	
	999ADJ45	CONSTRUCTIONWORKS APPRENCTICES WAGE RATE PAYMENT	HOUR		15.00	
AMOUNT OF CONTRACTOR'S QUALITY PROGRAM (CQP) + TOTAL AMOUNT OF CONTINGENCY WORK						$11,240,000.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
		TOTAL AMOUNT OF CORE WORK + AMOUNT OF CONTRACTOR'S QUALITY PROGRAM (CQP) + TOTAL AMOUNT OF CONTINGENCY WORK = TOTAL AMOUNT OF BASE BID				
		BID CREDIT				
		AWARD CRITERIA				

S.P. COLUMN LEGEND

* INDICATES SPECIAL PROVISION

** INDICATES TOLLWAY SUPPLEMENTAL SPECIFICATIONS

*** INDICATES IDOT SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

BDE INDICATES IDOT BDE SPECIAL PROVISION

GBSP INDICATES IDOT GBSP SPECIAL PROVISION

D1 INDICATES IDOT D1 SPECIAL PROVISION

NOTE 1: THE CONTRACTOR SHOULD LEAVE THE UNIT PRICE VALUE BLANK. THE UNIT PRICE WILL BE ENTERED BY THE TOLLWAY AFTER RECEIPT OF BIDS.

ADDENDUM NO. 5
TO
CONTRACT REQUIREMENTS
FOR CONTRACT I-18-4430
ILLINOIS STATE TOLL HIGHWAY AUTHORITY

Date: March 22, 2019

For which proposals will be received by the Illinois State Toll Highway Authority at its offices, 2700 Ogden Avenue, Downers Grove, Illinois 60515 until 10:30 A.M. local time, **April 4, 2019.**

NOTICE OF REVISION TO CONTRACT

NOTES:

1. A complete set of Schedule of Prices is included with this Addendum and must be inserted into the Contract Proposal by the Bidder. The Bidder's attention is called to pages P-5RRR, P-7RR, P-8RRR, P-9RRR, P-12RR, P-13RR, P-15RRR, P-16RR, P-17RR, P-19RR, P-20RR, P-21RRR, P-24R, P-27RR, P-34RRR, P-39RR, and P-40RR which have been revised and included as part of the Schedule of Prices.

2. The following revised Special Provision pages are included with this Addendum: P-1RR, J-iRR through J-iiiRR, J-viRR, J-viiRR, J-ixR, J-21R, J-22RR, J-231RR, J-254R through J-256R, J-303R, J-338R, J-346RR, J-347R, J-348R, J-563R, J-567R, J-568RR, J-569RR, J-744R, J-769R, J-770R, J-917R, J-918R, J-932R through J-934R, and J-963R.

3. The following new Special Provision pages are included with this Addendum: J-346A, J-352A, J-712B, and J-963A.

4. The following revised Contract Drawings are included with this Addendum:
   Volume 1 – Drawings 239, 254, 256, 258, 264, and 267.
   Volume 2 – Drawings 422 through 429.
   Volume 3 – Drawings 551, 552, 562, 590, 591, 600, 625, 661 through 666, 676, 715, 720, and 734.
   Volume 4 – Drawings 865, 866, and 884.
   Volume 5 – Drawings 1102, 1105, 1120, and 1213.
   Volume 6 – Drawing 1357.
   Volume 7 – Drawings 1571 through 1575.

5. The following new Contract Drawings are included with this Addendum:
   Volume 2 – Drawings 266A, 267A, and 1575A through 1575C.

6. Revised Contract Drawings 10 through 13, 15 through 17, and 19 through 25 will be issued to the successful Bidder. The revised drawings will reflect the quantity changes shown in the "Summary of Revisions to Pay Item Quantities" table included in this addendum.

7. The following revised Contract Drawings will be issued to the successful Bidder.
   Volume 1 – Drawings 34, 37, 39, 65, 114, 115, 124, 125, 181 and 195.
   Volume 2 – Drawings 339 through 343, 349 through 360, and 364 through 368.
   Volume 3 – Drawings 560, 561, 716 through 719.
   Volume 4 – Drawings 885 through 889, and 891.
   Volume 7 – Drawings 1472, 1473, 1494, 1501, 1518, 1534, and 1609 through 1622.

8. Responses to Plan Holder questions are included in this Addendum.

CHANGES TO THE SCHEDULE OF PRICES

SUMMARY OF REVISIONS TO PAY ITEMS QUANTITIES

SP PROV	PAY ITEM NO.	DESCRIPTION	UNIT	ORIGINAL QUANTITIY	CHANGE	NEW QUANTITIY
*	20200100	EARTH EXCAVATION	CU YD	67,184	460	67,644
*	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	6,675	50	6,725
	20400800	FURNISHED EXCAVATION	CU YD	115,650	250	115,900
	31100200	SUBBASE GRANULAR MATERIAL, TYPE A	CU YD	859	-2	857
	44000400	GUTTER REMOVAL	FOOT	2,748	102	2,850
	44004250	PAVED SHOULDER REMOVAL	SQ YD	30,223	-297	29,926
	50200100	STRUCTURE EXCAVATION	CU YD	26,536	-6	26,530
	50300225	CONCRETE STRUCTURES	CU YD	4,809	-17	4,792
	50800105	REINFORCEMENT BARS	POUND	950,840	-18,150	932,690
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,957,710	-27,350	1,930,360
	51602000	PERMANENT CASING	FOOT	2,406	-15	2,391
GBSP	51603000	DRILLED SHAFT IN SOIL	CU YD	3,594	-20	3,574
GBSP	51604000	DRILLED SHAFT IN ROCK	CU YD	970	-18	952
*	56105410	WATER VALVES 20"	EACH	1	1	2
*	56400825	FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE	EACH	6	1	7
	58700300	CONCRETE SEALER	SQ FT	64,702	260	64,962
	63200310	GUARDRAIL REMOVAL	FOOT	4,638	102	4,740
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	14,020	50	14,070
GBSP	X0320051	CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	6,039	-25	6,014
GBSP	X0320052	CROSSHOLE SONIC LOGGING TESTING	EACH	158	-1	157
*	X6026622	VALVE VAULTS TO BE REMOVED	EACH	3	1	4
*	JA000113	BUTTERFLY VALVE AND VAULT, 20"	EACH	0	1	1
*	JA000125	BUTTERFLY VALVE AND VAULT, 36"	EACH	2	1	3
*	JA000156	DUCTILE IRON WATERMAIN CAP, 36"	EACH	2	-2	0
*	JA000228	DUCTILE IRON WATER MAIN, 36", RESTRAINED JOINT PIPE	FOOT	667	-667	0
*	JA000265	STEEL CASING PIPE, 54"	FOOT	25	526	551
*	JA000425	REMOVAL OF EXISTING WATER MAIN, 36"	FOOT	0	340	340
*	JA000500	ABANDON EXISTING WATER MAIN IN PLACE, 36"	FOOT	629	148	777
*	JA000830	PVC WATER MAIN, 20"	FOOT	0	16	16
*	JA000840	PVC WATER MAIN, 36"	FOOT	0	1,136	1,136
*	JA000850	PVC WATER MAIN CAP, 20"	EACH	0	1	1
*	JA000860	PVC WATER MAIN CAP, 36"	EACH	0	2	2
*	JI503230	MASS CONCRETE STRUCTURES	CU YD	7,242	6	7,248

* Denotes Special Provision

SUMMARY OF REVISIONS TO PAY ITEMS QUANTITIES

SP PROV	PAY ITEM NO.	DESCRIPTION	UNIT	ORIGINAL QUANTITIY	CHANGE	NEW QUANTITIY
*	JT154072	CONTRACT ALLOWANCE FOR SOIL HANDLING AND MANAGEMENT	UNIT	0	100,000	100,000
*	JT154116	ALLOWANCE FOR UTILITY LINE PROTECTION	UNIT	0	1,500,000	1,500,000
*	JT508010	REINFORCEMENT BARS, STAINLESS STEEL	POUND	6,174,170	3,680	6,177,850
*	JT901081	VALVE VAULTS, 7' DIAMETER	EACH	2	1	3

* Denotes Special Provision

Change #1: Contract Requirements, Volume I, replace pages P-5RR, P-7R, P-8RR, P-9RR, P-12R, P-13R, P-15RR, P-16R, P-17R, P-19R, P-20R, P-21RR, P-24, P-27R, P-34RR, P-39R, and P-40R with pages P-5RRR, P-7RR, P-8RRR, P-9RRR, P-12RR, P-13RR, P-15RRR, P-16RR, P-17RR, P-19RR, P-20RR, P-21RRR, P-24R, P-27RR, P-34RRR, P-39RR, and P-40RR (attached).
-All P-Pages have been included for reference.

This replacement contains the following revisions:

1.1 Revised quantities as noted in the SUMMARY OF REVISIONS TO PAY ITEMS QUANTITIES table above.
1.2 Rounding correction to quantity for pay item MOWING (25000750).
1.3 Rounding correction to quantity for pay item MULCH, METHOD 3A (25100127).
1.4 Rounding correction to quantity for pay item TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY) (X0325349).
1.5 Added the pay item BUTTERFLY VALVE AND VAULT, 20" (JA000113).
1.6 Deleted the pay item DUCTILE IRON WATERMAIN CAP, 36" (JA000156).
1.7 Deleted the pay item DUCTILE IRON WATER MAIN, 36", RESTRAINED JOINT PIPE (JA000228).
1.8 Added the pay item REMOVAL OF EXISTING WATER MAIN, 36" (JA000425).
1.9 Added the pay item PVC WATER MAIN, 20" (JA000830).
1.10 Added the pay item PVC WATER MAIN, 36" (JA000840).
1.11 Added the pay item PVC WATER MAIN CAP, 20" (JA000850).
1.12 Added the pay item PVC WATER MAIN CAP, 36" (JA000860).
1.13 Rounding correction to quantity for pay item GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS (JI630002).
1.14 Rounding correction to quantity for pay item SEEDING, CLASS 2E (JS250220).
1.15 Rounding correction to quantity for pay item SEEDING, CLASS 4B (JS250314).
1.16 Rounding correction to quantity for pay item SEEDING, CLASS 5B (JS250324).
1.17 Rounding correction to quantity for pay item SEEDING, CLASS 7 (JS250350).
1.18 Rounding correction to quantity for pay item BIOSWALE SEED MIXTURE 1 (JT250410).
1.19 Added the pay item CONTRACT ALLOWANCE FOR SOIL HANDLING AND MANAGEMENT (JT154072).
1.20 Added the pay item ALLOWANCE FOR UTILITY LINE PROTECTION (JT154116).

CHANGES TO THE CONTRACT SPECIAL PROVISIONS

Change #2: Contract requirements, Volume I, replace page P-1R with P-1RR (attached).

This replacement contains the following revisions:

2.1 Added a fifth line for Addendums.

Change #3: Contract requirements, Volume II-VIII, replace pages J-iR through J-iiiR, J-viR, J-viiR, and J-ix with J-iRR through J-iiiRR, J-viRR, J-viiRR, and J-ixR (attached).

This replacement contains the following revisions:

3.1 Updated Table of Contents to show new special provisions pages added as part of this addendum and revised page numbers for revised special provisions as part of this addendum.

Change #4: Contract requirements, Volume II, replace page J-21 with J-21R (attached).

This replacement contains the following revisions:

4.1 Revise Contractor Access Restriction Table "Projected Allowable Commencement of Work Date" note reference for TW-3B-16-004.

Change #5: Contract requirements, Volume II, replace page J-22R with J-22RR (attached).

This replacement contains the following revisions:

5.1 Add Note 5.

Change #6: Contract requirements, Volume II, replace page J-231R with J-231RR (attached).

This replacement contains the following revisions:

6.1 Add "Actual Acquisition Date" for TW-3B-16-020 and TW-3B-16-022.

Change #7: Contract Requirements, Volume II, replace page J-254 with J-254R (attached).

This replacement contains the following revisions:

7.1 Revised to clarify butterfly valves will not be permitted for Water Valves 8" and Water Valves 20".

Change #8: Contract Requirements, Volume II, replace page J-255 and J-256 with J-255R and J-256R (attached).

This replacement contains the following revisions:

8.1 Revised to include requirements of Hydrant Storz adapters.

Change #9: Contract Requirements, Volume II, replace page J-303 with J-303R (attached).

This replacement contains the following revisions:

9.1 Revised for addition of pay item REMOVAL OF EXISTING WATER MAIN, 36" (JA000425).

Change #10: Contract Requirements, Volume II, replace page J-338 with J-338R (attached).

This replacement contains the following revisions:

10.1 Revised for addition of pay item BUTTERFLY VALVE AND VAULT, 20" (JA000113).

Change #11: Contract Requirements, Volume II, replace page J-346R with J-346RR (attached).

This replacement contains the following revisions:

11.1 Revised to add requirements for working adjacent to Buckeye Utilities during construction of the proposed 36" Water Main.

Change #12: Contract requirements, Volume II, add page J-346A (attached).

12.1 Text carried forward from page J-346R due to revisions noted on page J-346R.

12.2 Deleted pay item DUCTILE IRON WATER MAIN, 36", RESTRAINED JOINT PIPE (JA000228).

Change #13: Contract Requirements, Volume II, replace pages J-347 and J-348 with J-347R and J-348R (attached).

This replacement contains the following revisions:

13.1 Revised to include requirements for casing seal and cathodic protection.

Change #14: Contract Requirements, Volume II, add page J-352A (attached).

14.1 New special provision for S.P. WATER MAIN CAP.

Change #15: Contract Requirements, Volume III, replace page J-563 with J-563R (attached).

This replacement contains the following revisions:

15.1 Revised for the addition of pay items PVC WATER MAIN, 20" (JA000830) and PVC WATER MAIN, 36" (JA000840).

15.2 Revised the tracer wire requirements.

Change #16: Contract Requirements, Volume III, replace page J-567 with J-567R (attached).

This replacement contains the following revisions:

16.1 Clarified which traffic devices and signs the Contractor is to remove and which remain at completion of the Contract.

16.2 Added requirements for coordinating the transfer of MOT with future contract I-18-4431.

Change #17: Contract Requirements, Volume III, replace page J-568R with J-568RR (attached).

This replacement contains the following revisions:

17.1 This page was replaced with an incorrect page via Addendum 2. This reinstates the correct page with its original content.

Change #18: Contract Requirements, Volume III, replace page J-569R with J-569RR (attached).

This replacement contains the following revisions:

18.1 Removed language referring to the Illinois Tollway Lane Closure Guide.

Change #19: Contract Requirements, Volume III, add page J-712B (attached).

19.1 New special provision for S.P. CONTRACT ALLOWANCE FOR SOIL HANDLING AND MANAGEMENT.

Change #20: Contract requirements, Volume III, replace page J-744 with J-744R (attached).

This replacement contains the following revisions:

20.1 Revised language to indicate that the conduit to be removed is inside conduit attached to a structure, rather than buried underground.

Change #21: Contract requirements, Volume III, replace pages J-769 and J-770 with J-769R and J-770R (attached).

This replacement contains the following revisions:

21.1 Added language providing sagging guidelines.

21.2 Added language specifying maximum number of fiber optic cables per messenger and separation between multiple messengers.

21.3 J-770R included due to text carried forward from page J-769 due to revisions noted on page J-769R

Change #22: Contract requirements, Volume IV, replace pages J-917 and J-918 with J-917R and J-918R (attached).

This replacement contains the following revisions:

22.1 Added language clarifying that the special provision includes conduit.

22.2 Updated Construction Requirements section paragraph structure.

22.3 Added provisions for steel reinforcement when duct package is installed below roadway or other paved vehicle areas.

22.4 Clarified that conduit and interlocking spacers will not be paid for separately.

Change #23: Contract requirements, Volume IV, replace pages J-932 through J-934 with J-932R through J-934R (attached).

This replacement contains the following revisions:

23.1 Add pay item JT154116 ALLOWANCE FOR UTILITY LINE PROTECTION.

Change #24: Contract requirements, Volume IV, replace page J-963 with J-963R (attached).

This replacement contains the following revisions:

24.1 Add a new paragraph following the heading WATERWAY BLACKOUT PERIODS.

24.2 In the second paragraph, delete the reference to DPR.

Change #25: Contract requirements, Volume IV, add page J-963A (attached).

25.1 Text carried forward from page J-963 due to revisions noted on page J-963R.

CHANGES TO THE CONTRACT DRAWINGS

Change #26: Contract Plans, Volume 1, Drawing 34 – Alignment, Ties, and Benchmarks.

This drawing contains the following revisions to be issued to the successful bidder:

26.1 Proposed Interim Archer Ave Ramp C alignment revised.

Change #27: Contract Plans, Volume 1, Drawing 37 – Alignment, Ties, and Benchmarks.

This drawing contains the following revisions to be issued to the successful bidder:
27.1 Proposed Interim Archer Ave Ramp C alignment curve data revised.

Change #28: Contract Plans, Volume 1, Drawing 39 – Alignment, Ties, and Benchmarks.

This drawing contains the following revisions to be issued to the successful bidder:
28.1 Proposed Interim Archer Ave Ramp C alignment coordinates revised.

Change #29: Contract Plans, Volume 1, Drawing 65 – Proposed Typical Sections.

This drawing contains the following revisions to be issued to the successful bidder:
29.1 Proposed Interim Archer Ave Ramp C typical section station range revised.

Change #30: Contract Plans, Volume 1, Drawings 114 and 115 – MOT Plan Stage 1.

These drawings contain the following revisions to be issued to the successful bidder:
30.1 Proposed Interim Archer Ave Ramp C alignment revised.
30.2 Station/offset callouts for Proposed Interim Archer Ave Ramp C alignment revised.

Change #31: Contract Plans, Volume 1, Drawings 124 and 125 – MOT Plan Stage 1A.

These drawings contain the following revisions to be issued to the successful bidder:
31.1 Proposed Interim Archer Ave Ramp C alignment revised.
31.2 Station/offset callouts for Proposed Interim Archer Ave Ramp C alignment revised.

Change #32: Contract Plans, Volume 1, Drawing 181 – Roadway Removal Plan.

This drawing contains the following revisions to be issued to the successful bidder:
32.1 Removal limits of NB outside shoulder, gutter, and guardrail revised.

Change #33: Contract Plans, Volume 1, Drawing 195 – Roadway Plan.

This drawing contains the following revisions to be issued to the successful bidder:
33.1 Removal limits of NB outside shoulder, gutter, and guardrail revised.

Change #34: Contract Plans, Volume 1, Drawing 239 – Utility Plan (attached).

This drawing contains the following revisions:
34.1 BNSF fiber and BNSF signal phone numbers added.

Change #35: Contract Plans, Volume 2, Drawings 254 – UTILITY RELOCATIONS BILL OF MATERIAL (attached).

This drawing contains the following revisions:
35.1 Revised quantities for changes to water main.

Change #36: Contract Plans, Volume 2, Drawings 256 – UTILITY PLAN AND PROFILE WSWC 20" WATER MAIN (attached).

This drawing contains the following revisions:

36.1 Revised notes for Suggested Schedule of Construction Activities.
36.2 Added Valve Vault, 7' Diameter (JT901081).
36.3 Added Water Valves, 20" (56105410).

Change #37: Contract Plans, Volume 2, Drawings 258 – UTILITY PLAN AND PROFILE BURR RIDGE 36" WATER MAIN (attached).

This drawing contains the following revisions:

37.1 Complete sheet swap for revised proposed 36" water main relocation layout, location, and overall length. The plan and profile design was revised accordingly.

Change #38: Contract Plans, Volume 2, Drawings 264 – UTILITY DETAILS WATER MAIN AND SANITARY SEWER (attached).

This drawing contains the following revisions:

38.1 Revised fire hydrant assembly detail and notes for Storz Adapter requirements.

Change #39: Contract Plans, Volume 2, Drawings 266A – UTILITY DETAILS BUCKEYE PARTNERS (attached).

This new drawing contains the following information:

39.1 Added new sheet for Buckeye Foreign Utility Crossing Detail.

Change #40: Contract Plans, Volume 2, Drawings 267 – UTILITY SCHEDULE WATER MAIN (attached).

This drawing contains the following revisions:

40.1 Revised the proposed water main schedule based on the revisions to the 36" water main relocation design depicted on sheet UTLP-5.

Change #41: Contract Plans, Volume 2, Drawings 267A – UTILITY SCHEDULE WATER MAIN (attached).

This new drawing contains the following information:

41.1 New watermain schedule sheet for revisions to the 36" water main relocation design depicted on sheet UTLP-5.

Change #42: Contract Plans, Volume 2, Drawings 339 through 343, 349 through 360, 364 through 368 – Grading and Jointing Plan.

These drawings contain the following revisions to be issued to the successful bidder:

42.1 Revised jointing pavement legend, elevations, callouts, and contours.
42.2 Revised shading for temporary and interim pavement.

Change #43: Contract Plans, Volume 2, Drawings 422 to 429 – ITS Removal Plan (attached).

These drawings contain the following revisions:

43.1 Revised callouts for existing 1-1/4" backbone fiber ducts (item "C"), including spares.
43.2 Added callout of existing 8" FRE conduit (item "I1") attached to bridge structures.

Change #44: Contract Plans, Volume 3, Drawing 551 – General Plan and Elevation Unit 6 (attached).

This drawing contains the following revisions:

44.1 Sign structure is relocated from Pier 23 to Pier 22.

44.2 Horizontal clearance between C/L Track 22D and Pier 22 is revised from 27'-0" to 24'-6".

Change #45: Contract Plans, Volume 3, Drawing 552 – General Plan and Elevation Unit 7 (attached).

This drawing contains the following revisions:

45.1 Sign structure is relocated from Pier 23 to Pier 22.

45.2 Horizontal clearance between C/L Track 22D and Pier 22 is revised from 27'-0" to 24'-6".

45.3 Revised size of drilled shafts at Pier 23.

Change #46: Contract Plans, Volume 3, Drawings 560 and 561 – Total Bill of Material.

These drawings contain the following revisions to be issued to successful bidder:

46.1 Quantities for Subbase Granular Material-Type A, Structure Excavation, Concrete Structures, Reinforcing Bars, Reinforcing Bars - Epoxy Coated, Permanent Casing, Drilled Shaft in Soil, Drilled Shaft in Rock, Concrete Sealer, Crosshole Sonic Logging Access Ducts, Crosshole Sonic Logging Testing, Mass Concrete Structures and Reinforcement Bars – Stainless Steel have been changed.

Change #47: Contract Plans, Volume 3, Drawing 562 – General Notes (attached).

This drawing contains the following revision:

47.1 A sentence "Shipping vehicles with this rotational spring constant may require a wider wheel base to meet this requirement." is added to the end of Note 3 Precast Prestressed Concrete section.

Change #48: Contract Plans, Volume 3, Drawing 590 – Foundation Layout – Unit 6 (attached).

This drawing contains the following revision:

48.1 Drilled shaft/column lines at Pier 22 are realigned due to the pier length increase to accommodate moving the sign structure from Pier 23 to Pier 22.

Change #49: Contract Plans, Volume 3, Drawing 591 – Foundation Layout – Unit 7 (attached).

This drawing contains the following revision:

49.1 Drilled shaft/column lines at Pier 23 are realigned and column line 23F is eliminated due to the pier length decrease to accommodate moving the sign structure from Pier 23 to Pier 22.

49.2 Revised size of drilled shafts and rock sockets at Pier 23.

Change #50: Contract Plans, Volume 3, Drawing 600 – Drilled Shaft Installation Record (attached).

This drawing contains the following revision:

50.1 Drilled shaft/column line 23F is eliminated due to the pier length reduction to accommodate the removal of the sign structure.

50.2 Revised size of drilled shafts and rock sockets at Pier 23.

Change #51: Contract Plans, Volume 3, Drawing 625 – Pier 7 Elevation (attached).

This drawing contains the following revision:

51.1 Support spacings for sign structure have been changed from 1'-9 ½"/97'-11"/1'-9 ½" to 1'-9"/98'-0"/1'-9" to accommodate the sign structure span length increase from 97'-11" to 98'-0".

Change #52: Contract Plans, Volume 3, Drawing 661 through 666 – Pier 22 and Pier 23 Elevation and Details (attached).

These drawings contain the following revisions:

52.1 Complete plan sheet swaps for redesign of Pier 22 and Pier 23 due to the geometric modifications to accommodate sign structure being moved from Pier 23 to Pier 22.

Change #53: Contract Plans, Volume 3, Drawing 676 – Pier Additional Details (attached).

This drawing contains the following revisions:

53.1 Replaced sign structure support detail for pier 23 with pier 22.

53.2 Added 8" bolt protrusion dimension to the anchor bolt detail.

53.3 Removed note 5 which required site grounding details.

Change #54: Contract Plans, Volume 3, Drawing 715 – 72" PPC Beam Details - Span 23 (attached).

This drawing contains the following revisions:

54.1 Length of G4(E) bar increases from 13'-2" to 13'-5".

54.2 Length of G8(E) bar increases from 10'-8" to 10'-11".

Change #55: Contract Plans, Volume 3, Drawing 716 through 719 – 72" PPC Beam Details - Span 24 through 27.

These drawings contain the following revisions to be issued to the successful bidder:

55.1 Length of G4(E) bar increases from 13'-2" to 13'-5".

55.2 Length of G8(E) bar increases from 10'-8" to 10'-11".

Change #56: Contract Plans, Volume 3, Drawing 720 – PPC Beam Details 1 (attached).

This drawing contains the following revision:

56.1 Horizontal leg of the #5 90 degree hook for G4(E) and G8(E) bars is revised from 4.5" to 6".

Change #57: Contract Plans, Volume 3, Drawing 734 – Bearing Data – 2 (attached).

This drawing contains the following revision:

57.1 Transverse design movement is revised from 0.1" to 0.5" for all NGE (Non-guided Expansion) type bearings.

Change #58: Contract Plans, Volume 4, Drawings 865 and 866 – West Parapet Elevation Unit 2 (attached).

These drawings contain the following revision:

58.1 Drawing 865: In the center elevation captioned PARTIAL INSIDE ELEVATION OF PARAPET – UNIT 2, the "SEE NOTE 7, its leader and the centerline it points to" is moved to the left (south side) of CL Pier 3.

58.2 Drawing 866: In the top elevation captioned PARTIAL INSIDE ELEVATION OF PARAPET – UNIT 2, the "SEE NOTE 7, its leader and the centerline it points to" is moved to the right (north side) of CL Pier 4.

Change #59: Contract Plans, Volume 4, Drawings 884 – Superstructure Bill of Materials-Unit 1 (attached).

This drawing contains the following revision:

59.1 Add new note:
2. HEADED BARS SHALL CONFORM TO ASTM A970 WITH THREADED ATTACHMENT, CLASS HA, AND REINFORCEMENT BARS CONFORMING TO ASTM A995 (STAINLESS STEEL). COST INCLUDED WITH REINFORCEMENT BARS, STAINLESS STEEL.

Change #60: .Contract Plans, Volume 4, Drawings 885 through 889 – Superstructure Bill of Materials -Unit 2, -Unit 3, -Unit 4, -Unit 5, and –Unit 6, respectively.

These drawings contain the following revision to be issued to successful bidder:

60.1 Add new note:
2. HEADED BARS SHALL CONFORM TO ASTM A970 WITH THREADED ATTACHMENT, CLASS HA, AND REINFORCEMENT BARS CONFORMING TO ASTM A995 (STAINLESS STEEL). COST INCLUDED WITH REINFORCEMENT BARS, STAINLESS STEEL.

Change #61: Contract Plans, Volume 4, Drawing 891 –Superstructure Bill of Matls 2 – Unit 7.

This drawing contains the following revision to be issued to successful bidder:

61.1 Add new note:
2. HEADED BARS SHALL CONFORM TO ASTM A970 WITH THREADED ATTACHMENT, CLASS HA, AND REINFORCEMENT BARS CONFORMING TO ASTM A995 (STAINLESS STEEL). COST INCLUDED WITH REINFORCEMENT BARS, STAINLESS STEEL.

Change #62: Contract Plans, Volume 5, Drawing 1102 – General Notes (attached).

This drawing contains the following revisions:

62.1 Adjusted note related to 50800515 Bar Splicers and JT508020 Bar Splicers, Stainless Steel with respect to threaded splicer bars in the future contract.

Change #63: Contract Plans, Volume 5, Drawing 1105 – Construction Staging (attached).

This drawing contains the following revisions:

63.1 Added a stamp to this sheet that says "FOR INFORMATION ONLY NOT IN CONTRACT."

Change #64: Contract Plans, Volume 5, Drawing 1120 – Drilled Shaft Installation Record (attached).

This drawing contains the following revisions:

64.1 Added additional columns to the Drilled Shaft Installation Record Table and adjusted some words in the table and notes.

Change #65: Contract Plans, Volume 5, Drawing 1213 – Mechanical and Bar Splicer Details (attached).

This drawing contains the following revisions:

65.1 Adjusted notes and details related to 50800515 Bar Splicers and JT508020 Bar Splicers, Stainless Steel with respect to threaded splicer bars in the future contract.

Change #66: Contract Plans, Volume 6, Drawing 1357 – Load Transfer Platform (attached).

This drawing contains the following revisions:

66.1 Revised estimated pile length from "24 FEET & 16 FEET" to "26 FEET & 18 FEET".

Change #67: Contract Plans, Volume 7, Drawing 1472 – Cross Sections – PR NB Mainline.

This drawing contains the following revisions to be issued to the successful bidder:

67.1 Revised northbound grading.

Change #68: Contract Plans, Volume 7, Drawing 1473 – Cross Sections – PR NB Mainline.

This drawing contains the following revisions to be issued to the successful bidder:

68.1 Revised temporary drainage swale between existing pavement and proposed pavement.

Change #69: Contract Plans, Volume 7, Drawing 1494 – Cross Sections – PR NB Mainline.

This drawing contains the following revisions to be issued to the successful bidder:

69.1 Revised interim grading to accommodate the existing shoulder and gutter removal.

Change #70: Contract Plans, Volume 7, Drawing 1501 – Cross Sections – PR NB Mainline.

This drawing contains the following revisions to be issued to the successful bidder:

70.1 Revised temporary drainage swale between existing pavement and proposed pavement.

Change #71: Contract Plans, Volume 7, Drawing 1518 – Cross Sections – PR NB Mainline.

This drawing contains the following revisions to be issued to the successful bidder:

71.1 Revised northbound grading.

Change #72: Contract Plans, Volume 7, Drawing 1534 – Cross Sections – PR SB Mainline.

This drawing contains the following revisions to be issued to the successful bidder:

72.1 Revised temporary drainage swale between existing pavement and proposed pavement.

Change #73: Contract Plans, Volume 7, Drawings 1571 through 1575 – Cross Sections 75th Street – Ramp C (attached).

These drawings contain the following revisions::

73.1 Added temporary pavement.

73.2 Revised depth of existing pavement.

Change #74: Contract Plans, Volume 7, Drawings 1575A through 1575C – Cross Sections 75th Street Ramp C (attached).

These new drawings contain the following information:

74.1 Added temporary pavement.

74.2 Revised depth of existing pavement.

Change #75: Contract Plans, Volume 7, Drawings 1609 through 1622 – Cross Sections – Archer Road Ramp C – Interim.

These drawings contain the following revisions to be issued to the successful bidder:

75.1 Revised Cross Sections per Proposed Interim Archer Ave Ramp C alignment revisions.

END OF ADDENDUM CHANGES

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

BID

CONTRACT NO. I-18-4430

Bids will be received by The Illinois State Toll Highway Authority at its offices, 2700 Ogden Avenue, Downers Grove, Illinois, 60515 until 10:30:00 a.m., local time, April 4, 2019 and immediately thereafter publicly opened and read aloud.

TO THE CHAIRMAN OF THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY:

The undersigned hereby proposes to perform: The reconstruction of portions of I-294 mainline, bridge replacement of bridge number 191 carrying northbound I-294 over CNRR, I&M Canal, Chicago Sanitary & Ship Canal, MWRD Property, Cook County Forrest Preserve, Des Plaines River, BNSF RR, Santa Fe Drive, and the 75th Street Ramps, replacement of portions of bridge numbers 183 and 184 carrying I-294 over LaGrange Road, reconstruction of portions of the 75th Street ramps, performance based noise and retaining walls, cofferdams and causeways, detention pond and other drainage improvements, temporary soil retention, fire protection system, demolition of structures, protective shield, temporary erosion and sediment control, and Maintenance of Traffic.

The services will be performed within the: Tri-State Tollway (I-294) between Mile Post 20.7 and Mile Post 22.3 in Cook County, Illinois.

The undersigned declares that the Advertisement for Sealed Bids, Instructions to Bidders, this Bid Form, IDOT Standard Specifications, Tollway Supplemental Specifications, Special Provisions, Plans, Addenda to the foregoing (if any), form of Agreement, forms of Contract Bonds, and other exhibits (if any), on file at the office of The Illinois State Toll Highway Authority have been carefully examined, and that the undersigned has inspected in detail the site of the proposed Work, and familiarized itself with all of the conditions affecting the Contract, and that has satisfied itself as to The Work to be done and the conditions under which it must be carried out, and understands that in submitting this Bid waives all rights to plead any misunderstanding regarding the same.

The undersigned hereby tenders this Bid to construct and complete said Work in accordance with the Plans, IDOT Standard Specifications, Tollway Supplemental Specifications (if any), and the accompanying Special Provisions now on file in the office of The Illinois State Toll Highway Authority, and the following addenda issued thereto:

Addendum No. _____ Date _____
Addendum No. _____ Date _____
Addendum No. _____ Date _____
Addendum No. _____ Date _____
Addendum No. _____ Date _____

The undersigned further agrees to furnish all necessary transportation, machinery, equipment, tools, labor and other means of construction; and to do all the work and to furnish all of the materials specified in the Contract in the manner and at the times prescribed under the supervision and direction of the Authority or its authorized representatives, for the lump sums and unit prices quoted in the following Schedule of Prices:

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	571		
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	649		
*	20100500	TREE REMOVAL, ACRES	ACRE	10.0		
	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	500		
	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	250		
*	20200100	EARTH EXCAVATION	CU YD	67,644		
*	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	6,725		
	20400800	FURNISHED EXCAVATION	CU YD	115,900		
	20700220	POROUS GRANULAR EMBANKMENT	CU YD	8,934		
	20800150	TRENCH BACKFILL	CU YD	6,676		
	21400100	GRADING AND SHAPING DITCHES	FOOT	1,790		
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,071		
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	3,213		
	25000750	MOWING	ACRE	61.3		
	25100127	MULCH, METHOD 3A	ACRE	61.3		
	30201500	LIME	TON	200		
	30201600	FLY ASH	TON	200		
	31100200	SUBBASE GRANULAR MATERIAL, TYPE A	CU YD	857		

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	1,972		
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	2,641		
	35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	7,116		
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	3,767		
	35800100	PREPARATION OF BASE	SQ YD	7,368		
	35800200	AGGREGATE BASE REPAIR	TON	55		
	40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	7,395		
	40200700	AGGREGATE SURFACE COURSE, TYPE A 8"	SQ YD	274		
	40300400	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	TON	1		
	40300600	SEAL COAT AGGREGATE	TON	3		
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1,186		
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5		
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,460		
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	503		
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1,673		
	42001300	PROTECTIVE COAT	SQ YD	20,987		
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	167		
	44000100	PAVEMENT REMOVAL	SQ YD	29,677		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	60		
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	188		
	44000400	GUTTER REMOVAL	FOOT	2,850		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	613		
	44001980	CONCRETE BARRIER REMOVAL	FOOT	77		
	44004000	PAVED DITCH REMOVAL	FOOT	1,460		
	44004250	PAVED SHOULDER REMOVAL	SQ YD	29,926		
	44200569	CLASS A PATCHES, TYPE III, 11 INCH	SQ YD	76		
	44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	67		
	44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	118		
	48100300	AGGREGATE SHOULDERS, TYPE A 4"	SQ YD	453		
	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	209		
	50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1		
	50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		
	50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1		
	50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1		
	50102400	CONCRETE REMOVAL	CU YD	93		
	50104400	CONCRETE HEADWALL REMOVAL	EACH	14		

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	50105220	PIPE CULVERT REMOVAL	FOOT	65		
	50157300	PROTECTIVE SHIELD	SQ YD	46,334		
	50200100	STRUCTURE EXCAVATION	CU YD	26,530		
	50200300	COFFERDAM EXCAVATION	CU YD	340		
	50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	5,697		
	50201121	COFFERDAM (TYPE 2) (LOCATION - 1)	EACH	1		
	50201122	COFFERDAM (TYPE 2) (LOCATION - 2)	EACH	1		
	50201123	COFFERDAM (TYPE 2) (LOCATION - 3)	EACH	1		
	50300225	CONCRETE STRUCTURES	CU YD	4,792		
	50300255	CONCRETE SUPERSTRUCTURE	CU YD	1,718		
	50300265	SEAL COAT CONCRETE	CU YD	193		
	50300300	PROTECTIVE COAT	SQ YD	63,040		
	50500505	STUD SHEAR CONNECTORS	EACH	36,528		
	50800105	REINFORCEMENT BARS	POUND	932,690		
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,930,360		
	50800515	BAR SPLICERS	EACH	412		
	50800530	MECHANICAL SPLICERS	EACH	1,180		
	51100100	SLOPE WALL 4 INCH	SQ YD	660		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	51201400	FURNISHING STEEL PILES HP10X42	FOOT	4,961		
	51201800	FURNISHING STEEL PILES HP14X73	FOOT	2,092		
	51201900	FURNISHING STEEL PILES HP14X89	FOOT	3,816		
	51202000	FURNISHING STEEL PILES HP14X102	FOOT	4,849		
	51202305	DRIVING PILES	FOOT	15,718		
	51203400	TEST PILE STEEL HP10X42	EACH	6		
	51203800	TEST PILE STEEL HP14X73	EACH	1		
	51203900	TEST PILE STEEL HP14X89	EACH	2		
	51204000	TEST PILE STEEL HP14X102	EACH	4		
	51204650	PILE SHOES	EACH	369		
	51602000	PERMANENT CASING	FOOT	2,391		
GBSP	51603000	DRILLED SHAFT IN SOIL	CU YD	3,574		
GBSP	51604000	DRILLED SHAFT IN ROCK	CU YD	952		
	52000110	PREFORMED JOINT STRIP SEAL	FOOT	231		
	52100520	ANCHOR BOLTS, 1"	EACH	1,120		
	52100540	ANCHOR BOLTS, 1 1/2"	EACH	88		
	52100560	ANCHOR BOLTS, 2"	EACH	80		
	52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	3,338		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2		
	54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	1		
	54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	1		
	54010603	PRECAST CONCRETE BOX CULVERTS 6' X 3'	FOOT	354		
	54010604	PRECAST CONCRETE BOX CULVERTS 6' X 4'	FOOT	47		
	54215460	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 60"	EACH	1		
	54248510	CONCRETE COLLAR	CU YD	2		
	5425A066	PIPE CULVERTS, CLASS A, TYPE 5 66" (TEMPORARY)	FOOT	110		
BDE	54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	78		
BDE	54263272	CONCRETE END SECTION, STANDARD 542011, 72", 1:2	EACH	1		
	542A3415	PIPE CULVERTS, CLASS A, TYPE 5 60"	FOOT	38		
	542C5497	PIPE CULVERTS, CLASS C, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	116		
*	542JA048	PIPE CULVERTS, CLASS A 48" (JACKED)	FOOT	498		
*	542JA060	PIPE CULVERTS, CLASS A 60" (JACKED)	FOOT	352		
*	542JC048	PIPE CULVERTS, CLASS C 48" (JACKED)	FOOT	90		
	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	237		
	550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	11		
	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	89		

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	550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	170		
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	68		
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	669		
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	1,051		
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	773		
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	373		
	550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	417		
	550A0490	STORM SEWERS, CLASS A, TYPE 2 54"	FOOT	235		
	550A0680	STORM SEWERS, CLASS A, TYPE 3 18"	FOOT	58		
	550A1000	STORM SEWERS, CLASS A, TYPE 4 21"	FOOT	101		
	550A1010	STORM SEWERS, CLASS A, TYPE 4 24"	FOOT	205		
	550A4750	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 72"	FOOT	239		
	55100200	STORM SEWER REMOVAL 6"	FOOT	45		
	55100300	STORM SEWER REMOVAL 8"	FOOT	56		
	55100500	STORM SEWER REMOVAL 12"	FOOT	1,615		
	55100700	STORM SEWER REMOVAL 15"	FOOT	1,188		
	55100900	STORM SEWER REMOVAL 18"	FOOT	486		
	55101200	STORM SEWER REMOVAL 24"	FOOT	566		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	55101600	STORM SEWER REMOVAL 36"	FOOT	42		
	55101800	STORM SEWER REMOVAL 42"	FOOT	64		
	55102000	STORM SEWER REMOVAL 54"	FOOT	267		
	55102400	STORM SEWER REMOVAL 78"	FOOT	233		
*	55201500	STORM SEWERS JACKED IN PLACE, 42"	FOOT	438		
*	55201600	STORM SEWERS JACKED IN PLACE, 48"	FOOT	421		
*	56105000	WATER VALVES 8"	EACH	1		
*	56105410	WATER VALVES 20"	EACH	2		
*	56400825	FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE	EACH	7		
	58000100	MEMBRANE WATERPROOFING	SQ FT	4,270		
	58700300	CONCRETE SEALER	SQ FT	64,962		
	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	844		
	60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4		
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	6		
	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1		
*	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	25		
*	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		
*	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	10		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5		
*	60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4		
*	60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		
*	60249010	VALVE VAULTS, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2		
	60253000	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	16		
	60253100	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4		
	60500040	REMOVING MANHOLES	EACH	15		
	60500050	REMOVING CATCH BASINS	EACH	4		
	60500060	REMOVING INLETS	EACH	10		
	60500105	FILLING MANHOLES	EACH	3		
*	60603900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)	FOOT	178		
	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2		
	63200310	GUARDRAIL REMOVAL	FOOT	4,740		
	64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2		
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	14,070		
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	492		
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	1,080		
BDE	70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	187		

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BDE	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	176,833		
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1,875.0		
	70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1		
	70600280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3	EACH	3		
	70600370	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, NARROW), TEST LEVEL 3	EACH	7		
	73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	5		
	73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	8		
	73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	8		
	73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	10		
	78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	83		
	78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	143,130		
	78200006	GUARDRAIL REFLECTORS, TYPE B	EACH	2		
	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	52		
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	41		
	81028720	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.	FOOT	525		
	81100800	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., GALVANIZED STEEL	FOOT	20		
	81200215	CONDUIT EMBEDDED IN STRUCTURE, 1 1/4" DIA., PVC	FOOT	4,922		
	81300900	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 20" X 16" X 6"	EACH	6		

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	81603081	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	775		
	81800150	AERIAL CABLE, 3-1/C NO. 3/0 WITH MESSENGER WIRE	FOOT	162		
	81800340	AERIAL CABLE, 3-1/C NO. 8 WITH MESSENGER WIRE	FOOT	1,871		
	81800400	AERIAL CABLE, 4-1/C NO. 2 WITH MESSENGER WIRE	FOOT	11,638		
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	401		
	83700300	LIGHT TOWER FOUNDATION, 48" DIAMETER	FOOT	27		
	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	3		
	84200804	REMOVAL OF POLE FOUNDATION	EACH	7		
	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	5		
	87900200	DRILL EXISTING HANDHOLE	EACH	19		
*	89000200	TEMPORARY TRAFFIC SIGNAL INSTALLATION	L SUM	1		
	89502380	REMOVE EXISTING HANDHOLE	EACH	14		
GBSP	X0320051	CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	6,014		
GBSP	X0320052	CROSSHOLE SONIC LOGGING TESTING	EACH	157		
*	X0322916	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	5		
*	X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	5		
*	X0322918	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	15		
*	X0322924	RETAINING WALL REMOVAL	SQ FT	6,388		
*	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	13		

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*	X0323814	SANITARY SEWER REMOVAL, 18"	FOOT	137		
*	X0323868	DRAINAGE RESTRICTOR	EACH	1		
*	X0325349	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	FOOT	1,887.5		
*	X0325815	REMOVE EXISTING CABLE	FOOT	12,886		
*	X0326358	STORM WATER TREATMENT SYSTEM	EACH	4		
*	X0326458	PAVEMENT REPLACEMENT, SPECIAL	SQ YD	276		
*	X0326659	CURED-IN-PLACE PIPE LINER, 18"	FOOT	326		
*	X0326661	CURED-IN-PLACE PIPE LINER, 21"	FOOT	66		
*	X0327357	CONSTRUCTION VIBRATION MONITORING	L SUM	1		
*	X0327786	CURED-IN-PLACE PIPE LINER, 15"	FOOT	232		
*	X0487800	SANITARY SEWER REMOVAL 12"	FOOT	92		
*	X0900029	TEMPORARY SUPPORT SYSTEM (TO REMAIN IN PLACE)	EACH	1		
*	X1200042	MANHOLES, TYPE A, 9'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	EACH	1		
*	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	502		
GBSP	X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	47,526		
*	X5030290	STAINING CONCRETE STRUCTURES	SQ FT	898		
*	X5041800	CONCRETE ANCHORS	EACH	16		
*	X5210130	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 300K	EACH	22		

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*	X5210140	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 350K	EACH	49		
*	X5210150	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 400K	EACH	84		
*	X5210160	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 450K	EACH	57		
*	X5210380	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 900K	EACH	11		
*	X5210790	HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 300K	EACH	12		
*	X5428860	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 60" (SPECIAL)	EACH	2		
*	X5538700	STORM SEWERS TO BE CLEANED 42"	FOOT	148		
*	X5538900	STORM SEWERS TO BE CLEANED 54"	FOOT	600		
*	X5610706	WATER MAIN REMOVAL, 6"	FOOT	90		
*	X5630006	CUT AND CAP EXISTING 6" WATER MAIN	EACH	1		
*	X5630008	CUT AND CAP EXISTING 8" WATER MAIN	EACH	1		
*	X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	2		
*	X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3		
*	X6026622	VALVE VAULTS TO BE REMOVED	EACH	4		
*	X6640525	CHAIN LINK FENCE, 4' ATTACHED TO STRUCTURE	FOOT	1,000		
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		
BDE	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	50,925		
*	X7330091	CONDUIT CONNECTION CAP	EACH	28		

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*	X8130125	REMOVE EXISTING JUNCTION BOX	EACH	21		
*	X8211000	UNDERPASS LUMINAIRE (SPECIAL)	EACH	18		
*	X8420111	REMOVAL OF UNDERPASS LIGHTING UNIT, NO SALVAGE	EACH	14		
*	X8951011	REMOVE AERIAL CABLE	FOOT	570		
*	Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	5		
GBSP	Z0021908	SILICONE JOINT SEALER, 2"	FOOT	21		
*	Z0023500	FILLING EXISTING CULVERTS	CU YD	552		
*	Z0026400	FURNISHING AND PLACING SAND FILL	CU YD	150		
D1	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	103		
D1	Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	19		
*	Z0034212	MECHANICALLY STABILIZED EARTH RETAINING WALL, SPECIAL	SQ FT	6,860		
GBSP	Z0034396	MODULAR EXPANSION JOINT 12"	FOOT	368		
GBSP	Z0034398	MODULAR EXPANSION JOINT 15"	FOOT	184		
*	Z0044298	PRESSURE CONNECTION TO EXISTING WATER MAIN	EACH	3		
GBSP	Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	1,632		
*	Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	44		
*	Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	24		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	253		
*	Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	235		
*	Z0056631	STORM SEWER (WATER MAIN REQUIREMENTS) EQUIVALENT ROUND-SIZE 24 INCH	FOOT	137		
*	Z0057300	SANITARY SEWER 18"	FOOT	231		
*	Z0062456	TEMPORARY PAVEMENT	SQ YD	3,170		
*	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1		
*	XX003453	REMOVAL OF EXISTING AERIAL CABLE ASSEMBLY, NO SALVAGE	FOOT	9,694		
*	JA000113	BUTTERFLY VALVE AND VAULT, 20"	EACH	1		
*	JA000125	BUTTERFLY VALVE AND VAULT, 36"	EACH	3		
*	JA000150	DUCTILE IRON WATER MAIN CAP, 8"	EACH	1		
*	JA000153	DUCTILE IRON WATERMAIN CAP, 14"	EACH	4		
*	JA000155	DUCTILE IRON WATER MAIN CAP, 20"	EACH	3		
*	JA000169	NON-PRESSURE CONNECTION TO EXISTING WATER MAIN, 20"	EACH	3		
*	JA000210	DUCTILE IRON WATER MAIN, 6", RESTRAINED JOINT PIPE	FOOT	50		
*	JA000218	DUCTILE IRON WATER MAIN, 14", RESTRAINED JOINT PIPE	FOOT	349		
*	JA000222	DUCTILE IRON WATER MAIN, 20", RESTRAINED JOINT PIPE	FOOT	575		
*	JA000265	STEEL CASING PIPE, 54"	FOOT	551		
*	JA000425	REMOVAL OF EXISTING WATER MAIN, 36"	FOOT	340		
*	JA000477	ABANDON EXISTING WATER MAIN IN PLACE, 8"	FOOT	56		

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*	JA000481	ABANDON EXISTING WATER MAIN IN PLACE, 14"	FOOT	379		
*	JA000485	ABANDON EXISTING WATER MAIN IN PLACE, 20"	FOOT	646		
*	JA000500	ABANDON EXISTING WATER MAIN IN PLACE, 36"	FOOT	777		
*	JA000595	STEEL STORM SEWER, 18"	FOOT	143		
*	JA000670	FIRE HYDRANTS REMOVAL	EACH	2		
*	JA000830	PVC WATER MAIN, 20"	FOOT	16		
*	JA000840	PVC WATER MAIN, 36"	FOOT	1,136		
*	JA000850	PVC WATER MAIN CAP, 20"	EACH	1		
*	JA000860	PVC WATER MAIN CAP, 36"	EACH	2		
*	JI209030	POROUS GRANULAR EMBANKMENT	CU YD	5		
*	JI211110	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	53,525		
*	JI213004	EXPLORATION TRENCH, UTILITIES (HAND EXCAVATION)	FOOT	3,802		
*	JI213006	EXPLORATION TRENCH, UTILITIES (VACUUM EXCAVATION)	FOOT	3,020		
*	JI251010	EROSION CONTROL BLANKET, BIODEGRADABLE NETTING	SQ YD	165,548		
*	JI251015	HEAVY DUTY EROSION CONTROL BLANKET, BIODEGRADABLE NETTING	SQ YD	7,957		
*	JI282010	SUBGRADE FILTER FABRIC	SQ YD	29,688		
*	JI312022	STABILIZED SUBBASE – WMA, 3"	SQ YD	22,508		
*	JI406037	MATERIAL TRANSFER DEVICE	TON	3,951		
*	JI406041	STONE MATRIX WARM MIX ASPHALT BINDER COURSE, IL-9.5, N80	TON	1,451		
*	JI406043	STONE MATRIX WARM MIX ASPHALT SURFACE FRICTION COURSE, IL9.5 N80	TON	131		
*	JI406048	STONE MATRIX WARM MIX ASPHALT SURFACE FRICTION COURSE, IL12.5 N80	TON	2,448		
*	JI406107	ASPHALT TACK COAT	POUND	47,356		

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*	JI406510	WARM-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	985		
*	JI406900	CONSTRUCTING WARM MIX ASPHALT TEST STRIP	EACH	2		
*	JI420040	BRIDGE APPROACH SLAB	SQ YD	1,657		
*	JI420041	TRANSITION APPROACH SLAB	SQ YD	3,293		
*	JI420046	TRANSITION APPROACH SHOULDER SLAB	SQ YD	144		
*	JI440010	CONCRETE MEDIAN BARRIER AND BASE REMOVAL	FOOT	4,862		
*	JI440022	SHOULDER RUMBLE STRIP REMOVAL	SQ YD	572		
*	JI481070	AGGREGATE SHOULDERS SPECIAL, TYPE C	TON	186		
*	JI481130	AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 4"	SQ YD	1,792		
*	JI482104	WARM-MIX ASPHALT SHOULDERS (6 IN.)	SQ YD	1,816		
*	JI482128	WARM-MIX ASPHALT SHOULDERS, SPECIAL (9 IN.)	SQ YD	5,818		
*	JI485010	TEMPORARY PAVEMENT, CLASS 1	SQ YD	2,226		
*	JI485020	TEMPORARY PAVEMENT, CLASS 2	SQ YD	20,092		
*	JI485030	TEMPORARY PAVEMENT, CLASS 3	SQ YD	22,432		
DSE	JI501030	REMOVAL OF EXISTING CONCRETE PIER PROTECTION BARRIER	FOOT	60		
*	JI503006	REMOVAL OF EXISTING TRANSITION APPROACH SLABS	SQ YD	1,486		
*	JI503010	HIGH PERFORMANCE CONCRETE SUPERSTRUCTURE	CU YD	17,868		
*	JI503020	HIGH PERFORMANCE CONCRETE MOMENT SLAB STRUCTURES	CU YD	787		
*	JI503230	MASS CONCRETE STRUCTURES	CU YD	7,248		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JI504810	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE WIDE FLANGE BEAMS, 72", 8.5 KSI	FOOT	7,643		
*	JI504812	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE WIDE FLANGE BEAMS, 84", 8.5 KSI	FOOT	6,021		
*	JI504814	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE WIDE FLANGE BEAMS, 90", 8.5 KSI	FOOT	19,229		
*	JI504816	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE WIDE FLANGE BEAMS, 90", 10.0 KSI	FOOT	9,123		
*	JI505231	FURNISHING AND ERECTING STRUCTURAL STEEL NO. 1	L SUM	1		
*	JI505232	FURNISHING AND ERECTING STRUCTURAL STEEL NO. 2	L SUM	1		
*	JI505233	FURNISHING AND ERECTING STRUCTURAL STEEL NO. 3	L SUM	1		
*	JI505234	FURNISHING AND ERECTING STRUCTURAL STEEL NO. 4	L SUM	1		
*	JI505240	FURNISHING AND ERECTING MISCELLANEOUS STEEL	POUND	7,740		
*	JI505920	SAFTEY CABLE SYSTEM	L SUM	1		
*	JI521822	HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 350K	EACH	22		
*	JI521824	HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 400K	EACH	20		
*	JI521826	HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 450K	EACH	14		
*	JI521900	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED-1500K	EACH	20		
*	JI522500	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	24,096		
*	JI522505	TEMPORARY MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	8,866		
*	JI550100	TEMPORARY STORM SEWER, CLASS A, 12"	FOOT	1,363		
*	JI550102	TEMPORARY STORM SEWER, CLASS A, 15"	FOOT	581		

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*	JI550104	TEMPORARY STORM SEWER, CLASS A, 18"	FOOT	204		
*	JI593030	ABANDON AND FILL EXISTING STORM SEWER	CU YD	167		
*	JI599007	TEMPORARY SOIL RETENTION SYSTEM TO REMAIN IN PLACE	SQ FT	15,436		
*	JI601300	PIPE UNDERDRAINS, 6" (SPECIAL)	FOOT	421		
*	JI601320	PIPE UNDERDRAINS, FABRIC LINED TRENCH 6"	FOOT	4,415		
*	JI602100	OUTLET CONTROL STRUCTURE TYPE 1 (CHECK DAM)	EACH	1		
*	JI602115	CATCH BASINS, TYPE G-2, TYPE G-2 FRAME AND GRATE	EACH	1		
*	JI602120	CATCH BASINS, TYPE G-3, TYPE G-3 FRAME AND GRATE	EACH	9		
*	JI602182	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE G-2 FRAME AND GRATE	EACH	5		
*	JI602184	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20A FRAME AND GRATE	EACH	6		
*	JI602230	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (TEMPORARY)	EACH	9		
*	JI602231	INLETS, TYPE A, TYPE 20A FRAME AND GRATE	EACH	10		
*	JI602235	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID (TEMPORARY)	EACH	7		
*	JI602237	INLETS, TYPE B, TYPE 20A FRAME AND GRATE	EACH	6		
*	JI602300	MANHOLE, TYPE A, 5' DIA., TYPE G-3 FRAME AND GRATE	EACH	1		
*	JI602519	DRAINAGE STRUCTURES TO BE ADJUSTED WITH TWO TYPE 20A FRAME AND GRATE	EACH	2		
*	JI606010	GUTTER, TYPE G-2	FOOT	775		
*	JI606020	GUTTER, TYPE G-3	FOOT	987		

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*	JI606050	CONCRETE GUTTER (SPECIAL)	FOOT	150		
*	JI630002	GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	63.4		
*	JI630004	GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	500.0		
*	JI631112	TRAFFIC BARRIER TERMINAL, TYPE T1-A (SPECIAL)	EACH	1		
*	JI631120	TRAFFIC BARRIER TERMINAL, TYPE T2	EACH	1		
*	JI631130	TRAFFIC BARRIER TERMINAL, TYPE T6	EACH	1		
*	JI631135	TRAFFIC BARRIER TERMINAL, TYPE T6B	EACH	1		
*	JI631140	TRAFFIC BARRIER TERMINAL, TYPE T10	EACH	1		
*	JI633032	REMOVE AND RE-ERECT STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	60		
*	JI637030	CONCRETE BARRIER , SINGLE FACE, REINFORCED, 42 INCH	FOOT	232		
*	JI637032	CONCRETE BARRIER BASE FOR SINGLE FACE BARRIER, REINFORCED, 42 INCH	FOOT	232		
*	JI638010	TEMPORARY MODULAR GLARE SCREEN SYSTEM	FOOT	2,626		
*	JI664305	RIGHT-OF-WAY FENCE, TYPE 1, 6'	FOOT	4,347		
*	JI664310	CORNER POST, RIGHT-OF-WAY FENCE, TYPE1	EACH	17		
*	JI664315	PULL POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	6		
*	JI664320	END POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	9		
*	JI664325	PEDESTRIAN GATE, RIGHT-OF-WAY FENCE, TYPE 1	EACH	3		
*	JI664335	DOUBLE VEHICLE GATE, RIGHT-OF-WAY FENCE, TYPE 1	EACH	5		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JI664400	RIGHT OF WAY FENCE REMOVAL	FOOT	4,844		
*	JI664615	TEMPORARY CHAIN LINK FENCE 8' SCREENING, TYPE 1	FOOT	569		
*	JI664620	TEMPORARY CHAIN LINK FENCE 8' SCREENING, TYPE 2	FOOT	5,746		
*	JI664621	TEMPORARY CHAIN LINK FENCE 8', WITH SCREENING REMOVAL	FOOT	2,500		
*	JI680003	HEADWALL TYPE I, 21"	EACH	1		
*	JI680004	HEADWALL TYPE I, 24"	EACH	9		
*	JI680010	HEADWALL TYPE II, 42"	EACH	1		
*	JI680011	HEADWALL TYPE II, 48"	EACH	2		
*	JI680012	HEADWALL TYPE II, 54"	EACH	1		
*	JI680021	HEADWALL TYPE III, 42", 1:4	EACH	1		
*	JI680022	HEADWALL TYPE III, 48", 1:4	EACH	9		
*	JI680102	SLOPED HEADWALL TYPE I, 12"	EACH	1		
*	JI680103	SLOPED HEADWALL TYPE I, 15"	EACH	1		
*	JI680104	SLOPED HEADWALL TYPE I, 18"	EACH	1		
*	JI680120	SLOPED HEADWALL TYPE III, 6", 1:3	EACH	6		
*	JI680122	SLOPED HEADWALL TYPE III, 15", 1:3	EACH	3		
*	JI680123	SLOPED HEADWALL TYPE III, 18", 1:3	EACH	2		
*	JI680125	SLOPED HEADWALL TYPE III, 24", 1:3	EACH	1		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JI680130	SLOPED HEADWALL TYPE III, 6", 1:4	EACH	6		
*	JI680131	SLOPED HEADWALL TYPE III, 12", 1:4	EACH	3		
*	JI680132	SLOPED HEADWALL TYPE III, 15", 1:4	EACH	2		
*	JI680133	SLOPED HEADWALL TYPE III, 18", 1:4	EACH	1		
*	JI680135	SLOPED HEADWALL TYPE III, 24", 1:4	EACH	3		
*	JI680137	SLOPED HEADWALL TYPE III, 30", 1:4	EACH	1		
*	JI680140	SLOPED HEADWALL TYPE III, 6", 1:6	EACH	4		
*	JI680141	SLOPED HEADWALL TYPE III, 12", 1:6	EACH	1		
*	JI680143	SLOPED HEADWALL TYPE III, 18", 1:6	EACH	2		
*	JI680147	SLOPED HEADWALL TYPE III, 30", 1:6	EACH	1		
*	JI704012	FURNISH AND INSTALL TEMPORARY CONCRETE BARRIER, TO REMAIN IN PLACE	FOOT	17,066.0		
*	JI704014	RELOCATE TEMPORARY CONCRETE BARRIER, TO REMAIN IN PLACE	FOOT	40,012.0		
*	JI706282	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3, TO REMAIN IN PLACE	EACH	5		
*	JI706331	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3, TO REMAIN IN PLACE	EACH	8		
*	JI725000	TERMINAL MARKER - DIRECT APPLIED	EACH	1		
*	JI782014	GUARDRAIL BARRIER REFLECTORS, TYPE B	EACH	14		
*	JI782022	BARRIER WALL REFLECTORS, TYPE C	EACH	1,681		
*	JI811276	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., STAINLESS STEEL	FOOT	63		

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*	JI811280	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., STAINLESS STEEL	FOOT	116		
*	JI830205	TEMPORARY WOOD POLE, 90 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	47		
*	JI830210	TEMPORARY WOOD POLE, 90 FT., CLASS 2, TO REMAIN IN PLACE	EACH	2		
*	JI999443	PRESSURE VALVE INSERT, 20"	EACH	3		
*	JI999707	STEEL CASING PIPE , BORED AND JACKED, 30"	FOOT	536		
*	JI999737	PVC WATER MAIN, 8"	FOOT	230		
**	JS107360	DUST CONTROL WATERING	UNIT	7,500		
**	JS107361	APPLY DUST SUPPRESSION AGENTS	UNIT	2,500		
**	JS120100	TRAILER MOUNTED FULL MATRIX PORTABLE CHANGEABLE MESSAGE SIGNS	EACH	7		
**	JS120710	ENERGY ATTENUATOR	EACH	1		
**	JS120715	ENERGY ATTENUATOR CONCRETE PAD	SQ FT	210		
**	JS120720	ENERGY ATTENUATOR REMOVAL	EACH	1		
*	JS120819	SCUPPER	EACH	44		
**	JS250220	SEEDING, CLASS 2E	ACRE	4.5		
**	JS250314	SEEDING, CLASS 4B	ACRE	5.5		
**	JS250318	SEEDING, CLASS 4F	ACRE	26.0		
**	JS250320	SEEDING, CLASS 5	ACRE	26.0		
**	JS250324	SEEDING, CLASS 5B	ACRE	5.5		
**	JS250350	SEEDING, CLASS 7	ACRE	61.3		
**	JS280020	MANAGEMENT OF EROSION AND SEDIMENT CONTROL	CAL. MO.	20		

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**	JS280030	EROSION AND SEDIMENT CONTROL-EXCAVATION	CU YD	2,250		
**	JS280040	EROSION AND SEDIMENT CONTROL-CLEANOUT	CU YD	2,250		
**	JS280050	SILT FENCE	FOOT	17,176		
**	JS280051	RE-ERECT SILT FENCE	FOOT	8,420		
**	JS280070	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	1,500		
**	JS280080	FLOTATION BOOM	FOOT	1,612		
**	JS280100	SUPER SILT FENCE	FOOT	4,604		
**	JS280110	TEMPORARY PIPE SLOPE DRAINS	FOOT	2,100		
**	JS280120	TREE PROTECTION	FOOT	500		
**	JS280140	TEMPORARY RIPRAP	TON	1,126		
**	JS280151	SAME-DAY STABILIZATION	SQ YD	313,969		
**	JS280180	RECTANGULAR INLET PROTECTION	EACH	31		
**	JS280210	FILTER FABRIC INLET PROTECTION, BASKET TYPE	EACH	150		
**	JS280305	TEMPORARY DITCH CHECKS	FOOT	2,145		
*	JS503160	DIAMOND GRINDING AND SURFACE SMOOTHNESS FOR BRIDGE SECTIONS	SQ YD	57,790		
*	JS670CM0	FIELD OFFICE, TYPE C (MODIFIED)	CAL MO	31		
*	JS671020	MOBILIZATION, TOLLWAY (MODIFIED)	L SUM	1		
*	JS701010	MAINTENANCE OF TRAFFIC	L SUM	1		
**	JS734A10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, SPAN TYPE	CU YD	71		

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**	JS734G10	FOUNDATION FOR ITS GANTRY FRAME	CU YD	38		
**	JS804100	ELECTRIC SERVICE INSTALLATION	EACH	3		
**	JS810837	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	44		
**	JS810839	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	1,526		
**	JS810841	UNDERGROUND CONDUIT, PVC, 6" DIA.	FOOT	414		
**	JS810874	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/2" DIA.	FOOT	816		
**	JS810875	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	2,857		
**	JS810879	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	1,146		
**	JS811032	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	159		
**	JS812022	CONDUIT EMBEDDED IN STRUCTURE, 1 1/2" DIA., PVC	FOOT	1,083		
**	JS812023	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	10,696		
**	JS813022	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	3		
**	JS813053	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	7		
*	JS813055	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	24		
*	JS813083	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	1		
**	JS814002	HEAVY-DUTY HANDHOLE, TOLLWAY	EACH	25		
**	JS816076	UNIT DUCT, WITH 4-1/C NO. 2 AND 1/C NO. 4 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	FOOT	6,240		
**	JS817211	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	3,045		

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**	JS817212	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	45,425		
**	JS817213	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	18,213		
**	JS817215	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	1,606		
**	JS817218	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	FOOT	108		
**	JS817219	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4/0	FOOT	3,961		
**	JS821003	TEMPORARY LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	24		
*	JS821009	TEMPORARY LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750WATT	EACH	68		
**	JS821100	LUMINAIRE, LED, HORIZONTAL MOUNT	EACH	22		
**	JS821110	UNDERPASS LUMINAIRE, LED	EACH	4		
**	JS830003	GROUND MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 15 FT. MAST ARM	EACH	2		
**	JS830013	WALL MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 12 FT. MAST ARM	EACH	20		
**	JS830024	TEMPORARY WOOD POLE, 30 FT., CLASS 4	EACH	2		
**	JS830025	TEMPORARY WOOD POLE, 40 FT., CLASS 4	EACH	1		
**	JS830027	TEMPORARY WOOD POLE, 50 FT., CLASS 4	EACH	7		
*	JS830038	BRIDGE MOUNTED LIGHT POLE, STEEL, 60 FT., 15 FT MAST ARM	EACH	21		
**	JS836003	LIGHT POLE FOUNDATION (ROADWAY) CONCRETE	EACH	3		
**	JS842085	REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	78		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JS842090	REMOVAL OF SIGN LUMINAIRE	EACH	5		
**	JS842100	REMOVAL OF UNDERPASS LUMINAIRE	EACH	2		
**	JS842105	POLE FOUNDATION, REMOVED	EACH	45		
**	JS845011	REMOVAL OF LIGHTING CONTROLLER	EACH	1		
**	JS845012	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1		
**	JS845013	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1		
**	JS846001	MAINTAIN LIGHTING SYSTEM	L SUM	1		
*	JT130752	CONCRETE FOUNDATION, INTERMEDIATE POWER DISTRIBUTION AND COMMUNICATION FACILITY	EACH	1		
*	JT130754	ELECTRIC WORK, INTERMEDIATE POWER DISTRIBUTION AND COMMUNICATION FACILITY	EACH	1		
*	JT131142	ROADWAY WEATHER INFORMATION SYSTEM	EACH	1		
*	JT131316	BLUETOOTH VEHICLE DETECTION ASSEMBLY	EACH	1		
*	JT131541	FIRE SUPPRESSION SYSTEM	L SUM	1		
*	JT132115	REMOVE DYNAMIC MESSAGE SIGN EQUIPMENTS - TYPE 1	EACH	1		
*	JT132810	ITS POLE MOUNTED ENCLOSURE (CCTV OR MVDS)	EACH	3		
*	JT132814	ITS DISCONNECT SWITCH ASSEMBLY	EACH	1		
*	JT132815	ITS FRAME MOUNTED DISCONNECT SWITCH	EACH	2		
*	JT132820	CCTV CAMERA, ITS ASSEMBLY (TOLLWAY)	EACH	3		
*	JT132830	FIBER OPTIC COMMUNICATIONS, ITS ASSEMBLY	EACH	3		

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*	JT132835	WIRELESS COMMUNICATIONS, ITS ASSEMBLY	EACH	1		
*	JT134000	MAINTAIN INTELLIGENT TRANSPORTATION SYSTEMS	L SUM	1		
*	JT134010	INTELLIGENT TRANSPORTATION SYSTEMS CABINET FOUNDATION	EACH	2		
*	JT134030	INTELLIGENT TRANSPORTATION SYSTEMS GANTRY SITE GROUNDING	EACH	2		
*	JT134037	ITS ELEMENT SITE GROUNDING - POLE MOUNTED ASSEMBLY	EACH	3		
*	JT134041	ITS ELEMENT SITE GROUNDING - ITS MONOPOLE CCTV TOWER ASSEMBLY	EACH	1		
*	JT134047	ITS ELEMENT SITE GROUNDING - ROADWAY WEATHER INFORMATION SYSTEM	EACH	1		
*	JT134048	ITS ELEMENT SITE GROUNDING - ATM EQUIPMENT CABINETS	EACH	2		
*	JT135006	REMOVE MICROWAVE VEHICLE DETECTION ASSEMBLY	EACH	1		
*	JT135042	WEBCAM	EACH	2		
*	JT135076	REMOVE POLE MOUNTED CAMERA ASSEMBLY	EACH	3		
*	JT135096	ITS POLE AND BASE REMOVAL	EACH	2		
*	JT135097	REMOVE CCTV CAMERA, POLE MOUNTED	EACH	2		
*	JT135098	REMOVE CCTV CAMERA, STRUCTURE MOUNTED	EACH	1		
*	JT135100	CONCRETE FILLED PIPE BOLLARDS	EACH	6		
*	JT135200	PLAZA LANE CONVERSION	L SUM	1		
*	JT160000	CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ATTACHED TO STRUCTURE, 4" DIA, RIGID NONMETALLIC	FOOT	768		
*	JT160006	CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ATTACHED TO STRUCTURE, 8" DIA, RIGID NONMETALLIC	FOOT	21,300		
*	JT160024	CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ENCASED IN CONCRETE, 6" DIA, RIGID NONMETALLIC	FOOT	156		

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*	JT160028	CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ENCASED IN CONCRETE, 10" DIA, RIGID NONMETALLIC	FOOT	640		
*	JT160098	HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, TORSION ASSIST, 36"X60"X36"	EACH	13		
*	JT160099	HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, TORSION ASSIST, 48"X72"X36"	EACH	21		
*	JT160152	CABLE MARKER SIGN WITH POST FOR SINGLE MODE FIBER OPTIC CABLE	EACH	6		
*	JT160226	SINGLE MODE FIBER OPTIC CABLE REMOVAL, NO SALVAGE	FOOT	41,405		
*	JT160232	CONDUIT REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, ATTACHED TO STRUCTURE, RIGID NONMETALLIC, NO SALVAGE	FOOT	10,608		
*	JT160236	CONDUIT REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, COILABLE NONMETALLIC, NO SALVAGE	FOOT	79,609		
*	JT160251	HANDHOLE REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, NO SALVAGE	EACH	5		
*	JT160255	CABLE MARKER SIGN REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, NO SALVAGE	EACH	15		
*	JT160266	WOOD POLE REMOVAL, NO SALVAGE	EACH	3		
*	JT160304	LOCATE POST FOR SINGLE MODE FIBER OPTIC CABLE	EACH	31		
*	JT160320	FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 12 FIBERS	FOOT	277		
*	JT160324	FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 144 FIBERS	FOOT	9,856		
*	JT160328	FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 432 FIBERS	FOOT	9,019		
*	JT160356	INSTALL TOLLWAY FURNISHED FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 288 FIBERS	FOOT	29,974		
*	JT160378	INSTALL TOLLWAY FURNISHED FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 240 FIBERS	FOOT	18,520		
*	JT160385	MULTI MODE FIBER OPTIC CABLE, IN CONDUIT, TOLLWAY FURNISHED	FOOT	1,995		
DSE	JT190148	TRUCK MOUNTED ATTENUATOR	HOUR	1,680		
*	JT201940	SELECTIVE CLEARING (BRUSH REMOVAL)	ACRE	1.0		

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*	JT210001	POROUS GRANULAR BACKFILL	CU YD	8,886		
*	JT211200	PREPARED TOPSOIL FURNISH AND PLACE, 8"	SQ YD	450		
*	JT211A08	SUBGRADE AGGREGATE 9 IN.	CU YD	6,292		
*	JT211A11	SUBGRADE AGGREGATE 12 IN.	CU YD	19,274		
*	JT250410	BIOSWALE SEED MIXTURE 1	ACRE	0.3		
*	JT251020	BIOSWALE EROSION CONTROL BLANKET	SQ YD	733		
*	JT280500	SEDIMENT FILTER BAG	EACH	16		
*	JT280510	FLOC LOG	EACH	16		
*	JT280530	IN-LINE FLOCCULATION SYSTEM	EACH	8		
*	JT281020	FISH BARRIER ACCESS MANAGEMENT	L SUM	1		
*	JT285055	ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM, TYPE 1	SQ YD	4,158		
*	JT301010	GRANULAR SUBBASE, SPECIAL	CU YD	197		
*	JT420104	JOINTED PLAIN CONCRETE PAVEMENT FOR COMPOSITE PAVEMENT 11"	SQ YD	20,718		
*	JT442300	PARTIAL DEPTH BRIDGE DECK AND APPROACH SLAB ASPHALT REPAIR	SQ YD	70		
*	JT501925	REMOVAL OF EXISTING APPROACH SLABS	SQ YD	503		
*	JT503400	FAST DECK SLAB REPAIR (PARTIAL) - (SPECIAL)	SQ YD	140		
*	JT503410	FAST DECK SLAB REPAIR (FULL DEPTH, TYPE 1)	SQ YD	20		
*	JT503430	FAST APPROACH SLAB REPAIR (PARTIAL) - (SPECIAL)	SQ YD	10		
*	JT508010	REINFORCEMENT BARS, STAINLESS STEEL	POUND	6,177,850		
*	JT508020	BAR SPLICERS, STAINLESS STEEL	EACH	1,992		
*	JT508030	MECHANICAL SPLICERS, STAINLESS STEEL	EACH	1,786		
*	JT525080	EXPANSION JOINT MODIFICATION	FOOT	50		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT525125	BONDED PREFORMED JOINT SEAL, 2 IN.	FOOT	152		
*	JT525135	BONDED PREFORMED JOINT SEAL, 4 IN.	FOOT	541		
*	JT546000	TELEVISION INSPECTION OF SEWER	FOOT	12,556		
*	JT570P51	PERFORMANCE BASED RETAINING WALL, LOCATION 1	L SUM	1		
*	JT570P52	PERFORMANCE BASED RETAINING WALL, LOCATION 2	L SUM	1		
*	JT595001	BRIDGE DRAINAGE SYSTEM, LOCATION NO. 1	L SUM	1		
*	JT595002	BRIDGE DRAINAGE SYSTEM, LOCATION NO. 2	L SUM	1		
*	JT599040	REMOVAL OF EXISTING NOISE ABATEMENT WALL	SQ FT	34,017		
*	JT599P01	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 1	L SUM	1		
*	JT599P02	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 2	L SUM	1		
*	JT599P03	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 3	L SUM	1		
*	JT599P04	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 4	L SUM	1		
*	JT599P05	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 5	L SUM	1		
*	JT599P06	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 6	L SUM	1		
*	JT599P07	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 7	L SUM	1		
*	JT599P08	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 8	L SUM	1		
*	JT599P09	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 9	L SUM	1		
*	JT599P10	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 10	L SUM	1		

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*	JT601900	TRENCH DRAIN	FOOT	250		
*	JT601951	SCUPPER MODIFICATION	EACH	2		
*	JT601955	SCUPPER, SPECIAL	EACH	18		
DSE	JT701021	MAINTENANCE OF TRAFFIC, DAILY ONE LANE CLOSURE, STANDARD E2	EACH	34		
DSE	JT701026	MAINTENANCE OF TRAFFIC, DAILY TWO LANES CLOSURE, STANDARD E2	EACH	18		
DSE	JT701028	MAINTENANCE OF TRAFFIC, DAILY THREE LANES CLOSURE, STANDARD E2	EACH	18		
*	JT701030	SUPPLEMENTAL BARRICADE	EACH/DAY	13,500		
*	JT701031	SUPPLEMENTAL SIGNING	SQ FT	280		
*	JT701032	SUPPLEMENTAL FLASHING ARROW BOARD (PER DAY)	EACH/DAY	120		
*	JT701033	SUPPLEMENTAL FLASHING ARROW BOARD (PER WEEK)	EACH/WEEK	35		
*	JT701034	SUPPLEMENTAL FLASHING ARROW BOARD (PER MONTH)	EACH/MONTH	36		
*	JT701052	TEMPORARY INFORMATION SIGNING-GROUND MOUNT, GREATER THAN 24 SQ FT IN AREA	SQ FT	871		
*	JT701060	TEMPORARY INFORMATION SIGNING-OVERHEAD MOUNT, 24 SQ FT IN AREA OR LESS	SQ FT	24		
*	JT701250	TRAILER MOUNTED RADAR SPEED DISPLAY UNIT	CAL MO	36		
*	JT703104	LATE SEASON TEMPORARY PAVEMENT MARKING, 4"	FOOT	49,184		
*	JT720100	SIGN INSTALLATION, TYPE 1	SQ FT	16		
*	JT783005	WATERBLAST PAVEMENT MARKING REMOVAL WITH VACUUM RECOVERY	SQ FT	73,315		
*	JT804005	ELECTRIC SERVICE INSTALLATION - ITS	EACH	1		
*	JT810871	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, RIBBED, 1 1/2" DIA.	FOOT	35,643		
*	JT810873	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 1 1/4" DIA.	FOOT	65		
*	JT810876	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 2" DIA.	FOOT	3,746		

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*	JT810878	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 3" DIA.	FOOT	2,020		
*	JT810879	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 4" DIA.	FOOT	3,713		
*	JT810881	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 6" DIA.	FOOT	6,805		
*	JT810900	DUCT PACKAGE, CONDUIT ENCASED, CONCRETE, 1-1/2" DIA., 24 COUNT	FOOT	2,631		
*	JT810910	DUCT PACKAGE, CONDUIT ENCASED, CONCRETE, 4" DIA., 2 COUNT	FOOT	1,696		
*	JT811040	CONDUIT ATTACHED TO STRUCTURE, PVC, 2" DIA.	FOOT	4,805		
*	JT813010	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE (SPECIAL), 32" X 12" X 8"	EACH	4		
*	JT813014	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 6"	EACH	21		
*	JT813015	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 42" X 36" X 16"	EACH	4		
*	JT825025	TEMPORARY LIGHTING CONTROLLER, 480 VOLT, POLE MOUNTED	EACH	3		
*	JT830018	TEMPORARY WOOD POLE, 100 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	4		
*	JT830019	TEMPORARY WOOD POLE, 110 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	4		
*	JT830023	TEMPORARY WOOD POLE, 120 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	13		
*	JT830025	INSTALL WOOD POLE, 45 FEET, CLASS 2	EACH	11		
*	JT830028	INSTALL WOOD POLE, 70 FEET, CLASS 2	EACH	2		
*	JT830030	INSTALL WOOD POLE, 90 FEET, CLASS 2	EACH	1		
*	JT830054	GROUND MOUNTED LIGHT POLE, GALVANIZED STEEL, 60 FT., WITHOUT MAST ARM	EACH	1		
*	JT836020	ITS ELEMENT POLE FOUNDATION STEEL HELIX (12 FT)	EACH	1		

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*	JT836027	ITS CONCRETE SERVICE PAD, TYPE A	EACH	1		
*	JT844010	REMOVE AND REINSTALL LIGHTING UNIT	EACH	1		
*	JT900074	UTILITY PROTECTION	L SUM	1		
*	JT900077	CONCRETE TRANSFORMER PAD, 4' x 4'	SQ FT	32		
*	JT900085	REMOVE EXISTING TREADLE	EACH	3		
*	JT900099	LOAD TRANSFER PLATFORM	SQ YD	1,213		
*	JT900132	FLEXIBLE LIQUID TIGHT CONDUIT, METALLIC, 2" DIAMETER	FOOT	168		
*	JT900202	TEMPORARY CONSTRUCTION FENCE	FOOT	1,000		
*	JT900222	TEMPORARY LIGHT POLE SUPPORT	EACH	20		
*	JT900560	SUBGRADE SOIL STABILIZATION, TYPE IA	SQ YD	1,400		
*	JT900562	SUBGRADE SOIL STABILIZATION, TYPE IB	SQ YD	2,200		
*	JT900564	SUBGRADE SOIL STABILIZATION, TYPE II	SQ YD	1,200		
*	JT900566	SUBGRADE SOIL STABILIZATION, TYPE III	SQ YD	1,600		
*	JT900568	SUBGRADE SOIL STABILIZATION, TYPE IV	SQ YD	1,800		
*	JT900570	SUBGRADE SOIL STABILIZATION, TYPE V	SQ YD	2,200		
*	JT900580	CHEMICALLY STABILIZED SUBGRADE, 9"	SQ YD	29,594		
*	JT900680	CORRUGATED METAL LINER	FOOT	300		
*	JT900900	REMOVE AND RELOCATE WIRELESS VEHICLE DETECTOR SYSTEM	EACH	1		

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*	JT901056	LOCATOR TRACER WIRE	FOOT	19,257		
*	JT901075	NON-PRESSURE CONNECTION TO EXISTING WATER MAIN, 36"	EACH	2		
*	JT901081	VALVE VAULTS, 7' DIAMETER	EACH	3		
*	JT901130	DEWATERING	L SUM	1		
*	JT991131	CAUSEWAY, LOCATION 1	L SUM	1		
*	JT991132	CAUSEWAY, LOCATION 2	L SUM	1		
*	JT991133	CAUSEWAY, LOCATION 3	L SUM	1		
*	JT991134	CAUSEWAY, LOCATION 4	L SUM	1		
*	JT991135	CAUSEWAY, LOCATION 5	L SUM	1		
*	JT991136	CAUSEWAY, LOCATION 6	L SUM	1		
*	JT991137	CAUSEWAY, LOCATION 7	L SUM	1		
					TOTAL AMOUNT OF CORE WORK	

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*	JT155001	CONTRACTOR'S QUALITY PROGRAM	L SUM	1	3,800,000.00	$3,800,000.00
*	JT151500	CONTRACT ADJUSTMENT ALLOWANCE FOR TEMPERATURE CONTROL OF CONCRETE	UNIT	200,000	1.00	$200,000.00
*	JT154001	PAVEMENT PATCHING AND TRAFFIC CONTROL	UNIT	300,000	1.00	$300,000.00
*	JT154002	DISPOSAL OF UNIDENTIFIED HAZARDOUS WASTE	UNIT	50,000	1.00	$50,000.00
*	JT154005	EMERGENCY PAVEMENT AND SHOULDER REPAIRS	UNIT	100,000	1.00	$100,000.00
*	JT154008	UNFORESEEN ADDITIONAL MAINTENANCE OF TRAFFIC	UNIT	100,000	1.00	$100,000.00
*	JT154016	ALLOWANCE FOR UNFORESEEN EROSION CONTROL MEASURES	UNIT	25,000	1.00	$25,000.00
*	JT154044	CONTRACT ALLOWANCE FOR UNSUITABLE SOIL AND HAZARDOUS WASTE REMOVAL	UNIT	25,000	1.00	$25,000.00
*	JT154062	CONTRACT ALLOWANCE FOR MAINTAIN INTELLIGENT TRANSPORTATION SYTEM REPAIR	UNIT	25,000	1.00	$25,000.00
*	JT154067	CONTRACT ALLOWANCE FOR CONSTRUCTIONWORKS APPRENTICES	UNIT	100,000	1.00	$100,000.00
*	JT154070	CONTRACT ALLOWANCE FOR EMERGENCY BRIDGE DECK REPAIRS AND TRAFFIC CONTROL	UNIT	1,000,000	1.00	$1,000,000.00
*	JT154072	CONTRACT ALLOWANCE FOR SOIL HANDLING AND MANAGEMENT	UNIT	100,000	1.00	$100,000.00
*	JT154102	ALLOWANCE FOR RAILROAD FLAGGING	UNIT	3,000,000	1.00	$3,000,000.00
*	JT154116	ALLOWANCE FOR UTILITY LINE PROTECTION	UNIT	1,500,000	1.00	$1,500,000.00
*	JT154148	ALLOWANCE FOR CAUSEWAY FLOOD PROTECTION	UNIT	100,000	1.00	$100,000.00
*	JT154150	ALLOWANCE FOR STEEL COSTS ADJUSTMENT	UNIT	300,000	1.00	$300,000.00
*	JT154160	ALLOWANCE FOR FUEL COSTS ADJUSTMENT	UNIT	40,000	1.00	$40,000.00
*	JT154161	ALLOWANCE FOR BITUMINOUS MATERIALS COSTS ADJUSTMENT	UNIT	25,000	1.00	$25,000.00
*	JT154194	ALLOWANCE FOR UNIDENTIFIED OBSTRUCTIONS	UNIT	450,000	1.00	$450,000.00

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SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	999NEG20	DAMAGES TO ILLINOIS TOLLWAY'S OPERATIONAL FACILITIES PER S.P. 115.5 - TRI-STATE	OCCUR		(10,000.00)	
	999NEG30	DAMAGES TO ILLINOIS TOLLWAY'S OPERATIONAL FACILITIES PER S.P. 115.5 - ALL ROADWAYS OFF-PEAK	OCCUR		(2,000.00)	
	999NEG31	DAMAGE TO ELECTRICAL FACILITIES PER TOLLWAY SUPPL. SPEC. 107.30(b)	INC/DAY		(1,000.00)	
	999NEG32	LIQUIDATED DAMAGES FOR DELAY IN SUBMITTAL OF PROGRESS SCHEDULE PER TOLLWAY SUPPL. SPEC. 108.02(e)	DAY		(300.00)	
	999NEG33	NON-COMPLIANCE WITH EROSION AND SEDIMENT CONTROL PER TOLLWAY SUPPL. SPEC 280.02 (b) (1)	INC/DAY		See Note 1	
	999NEG34	NON-COMPLIANCE WITH RESPONSIBILITY FOR CONSTRUCTION HAULING EQUIPMENT PER TOLLWAY SUPPL. SPEC. 105.15	DAY		(1,000.00)	
	999NEG35	FAILURE TO RESPOND TO REGULATORY AGENCY REQUESTS, PER TOLLWAY SUPPL. SPEC. 280.02 (b) (2)	OCCUR		(25,000.00)	
	999NEG36	FAILURE TO COMPLY WITH OCCUPANCY DATE OR PROVIDE COMPLETE FACILITIES. FIELD OFFICE OR LAB PER TOLLWAY SUPPL. SPEC. 670.01 (b)	DAY		(500.00)	
	999NEG37	NON-COMPLIANCE WITH TOLLWAY MAINTENANCE OF TRAFFIC PER TOLLWAY SUPPL. SPEC. 701.01 (b)(1)	INC/DAY		(2,500.00)	
	999NEG38	FAILURE TO RESPOND TO RE-ESTABLISH DEVICES PER TOLLWAY SUPPL. SPEC. 701.01 (b)(2)	OCCUR		(2,500.00)	
	999NEG39	FAILURE TO REPAIR IMPACT ATTENUATORS, TEMPORARY PER TOLLWAY SUPPL. SPEC. 701.01 (b)(3)	OCCUR		(2,500.00)	
	999NEG40	LOSS OR DAMAGE TO TOLLWAY OWNED DEVICES PER TOLLWAY SUPPL. SPEC. 701.01 (b)(4)	SQ. FT.		(100.00)	
	999NEG41	NON-COMPLIANCE WITH IDOT MAINTENANCE OF TRAFFIC PER TOLLWAY SUPPL. SPEC. 701.01 (b)(5)	INC/DAY		(2,500.00)	
	999NEG42	NON-COMPLIANCE WITH MAINTAIN LIGHTING SYSTEM, PER TOLLWAY SUPPL. SPEC. 846.06 (a)	INC/DAY		(1,000.00)	
	999NEG43	FAILURE TO RESPOND TO MAINTAIN LIGHTING SYSTEM, PER TOLLWAY SUPPL. SPEC. 846.06 (b)	OCCUR		(1,000.00)	

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	999NEG44	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.1	CAL DAY		(22,000.00)	
	999NEG45	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.2	CAL DAY		(22,000.00)	
	999NEG46	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.3	CAL DAY		(22,000.00)	
	999NEG47	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.4	CAL DAY		(22,000.00)	
	999NEG49	DAMAGE TO FIBER OPTIC UTILITIES, PER S.P. 115.3	OCCUR		(10,000.00)	
	999NEG54	DAMAGE TO TOLLWAY MULTI-MODE CABLE, DMS SIGNS, CAMERAS, TELECOMMUNICATION, CABLE, ELECTRICAL, WATER, AND SEWER PER S.P. 115.4	OCCUR		(1,000.00)	
	999NEG89	NON-COMPLIANCE WITH MAXIMUM ALLOWABLE SHUTDOWN	HOUR		(10,000.00)	
	999NEG90	ONE LANE OR RAMP BLOCKED PER S.P. FAILURE TO OPEN LANES TO TRAFFIC	15 MINUTES		(3,000.00)	
	999NEG91	TWO LANES BLOCKED PER S.P. FAILURE TO OPEN LANES TO TRAFFIC	15 MINUTES		(5,000.00)	

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
		ADJUSTMENTS				
	999ADJ20	PROTECTION METHOD I FOR CONCRETE IN SUBSTRUCTURES, CULVERTS, PUMP HOUSES AND RETAINING WALLS AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ21	PROTECTION METHOD II FOR CONCRETE IN SUBSTRUCTURES, CULVERTS, PUMP HOUSES, AND RETAINING WALLS AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ22	PROTECTION METHOD I FOR CONCRETE IN SUPERSTRUCTURES AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ23	PROTECTION METHOD II FOR CONCRETE IN SUPERSTRUCTURES AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ24	PROTECTION METHODS I, II OR III FOR CONCRETE IN FOOTINGS AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ25	PROTECTION METHOD I FOR CONCRETE IN SLOPE WALLS AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ30	CHILLING PROCEDURE FOR HIGH PERFORMANCE CONCRETE AS PER SPECIAL PROVISION FOR HIGH PERFORMANCE CONCRETE STRUCTURES			SEE NOTE 1	
	999ADJ45	CONSTRUCTIONWORKS APPRENCTICES WAGE RATE PAYMENT	HOUR		15.00	
AMOUNT OF CONTRACTOR'S QUALITY PROGRAM (CQP) + TOTAL AMOUNT OF CONTINGENCY WORK						$9,640,000.00

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
		TOTAL AMOUNT OF CORE WORK + AMOUNT OF CONTRACTOR'S QUALITY PROGRAM (CQP) + TOTAL AMOUNT OF CONTINGENCY WORK = TOTAL AMOUNT OF BASE BID				
		BID CREDIT				
		AWARD CRITERIA				

S.P. COLUMN LEGEND

*	INDICATES SPECIAL PROVISION
**	INDICATES TOLLWAY SUPPLEMENTAL SPECIFICATIONS
***	INDICATES IDOT SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS
BDE	INDICATES IDOT BDE SPECIAL PROVISION
GBSP	INDICATES IDOT GBSP SPECIAL PROVISION
D1	INDICATES IDOT D1 SPECIAL PROVISION

NOTE 1: THE CONTRACTOR SHOULD LEAVE THE UNIT PRICE VALUE BLANK. THE UNIT PRICE WILL BE ENTERED BY THE TOLLWAY AFTER RECEIPT OF BIDS.

ILLINOIS STATE TOLL HIGHWAY AUTHORITY (ILLINOIS TOLLWAY)
SPECIAL PROVISIONS
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
M.P. 20.7 TO M.P. 22.3
STATION 5096+23.33 TO STATION 1176+62.01
VOLUME II, III, IV, V, VI, VII, & VIII

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The table below provides anticipated work activity commencement dates for Contract I-18-4430.

Contractor Access Restriction Table

Location Description	Location Parcel ID# (See Note 1)	Contractor Access Restriction Resulting From	Projected Allowable Commencement of Work Date
Sterling Estates	TW-3A-16-002	Stakeholder Coordination	See SP 118
Proposed Culvert Located at Approximate Station 5102+00	TW-3B-16-002	Stakeholder Coordination	See SP 118
Pier 1	TW-3B-16-003	Buckeye Utility Relocation By Others	See Note 4
Pier 1	TW-3B-16-003	ComEd Transmission Tower Relocation By Others	5/14/2019
I&M Canal Causeway	TW-3B-16-003	Buckeye Utility Relocation By Others	See Note 4
CSS Canal Causeway	TW-3B-16-004	Coast Guard Permit	See Environmental Permit and Agreements Table
CSS Canal Causeway	TW-3B-16-004	Buckeye Utility Relocation By Others	See Note 4
Pier 3 and 4	TW-3B-16-004	Coast Guard Permit	See Environmental Permit and Agreements Table
Pier 10 and 11	TW-3B-16-004	IEPA & IDNR Permit	See Environmental Permit and Agreements Table
Pier 10 and 11 (Des Plaines River Causeways)	TW-3B-16-004	Buckeye Utility Relocation By Others	See Notes 4 and 5
Pier 13 thru 15	TW-3B-16-005	Buckeye Utility Relocation By Others	See Note 4
Pier 16 thru 18	TW-3B-16-006	UPS Demolition	See SP 118
Pier 19 thru 21	TW-3B-16-008	Arro Demolition	See SP 118
Pier 24	TW-3B-16-009	BNSF MOW Demolition	See SP 118
Pier 25	TW-3B-16-011	Midwest Cargo Access Drive	See SP 106
Median Pier for Bridge over La Grange Road	N/A	IDOT Highway Permit	7/28/2019

Notes:

1. See SP 118 for allowable commencement of work dates relating to pending land acquisition.

2. The location descriptions provided above give a general reference to where the work restriction is located. All removal and construction items within these work areas shall not be performed until the commencement of work is approved by the CM in writing.

Work restrictions provided above only include work restrictions that require an act by an outside party. If the I-18-4430 Contractor is required to perform some action such as a utility relocation, permit submittal, right-of-entry submittal, or other activity in order for other work activities to occur, this item is not included in the table above.

4. Relocation of the Buckeye Pipeline is anticipated to be completed by 3/1/2020. See the Utility Plans for the current pipeline and estimated future relocated pipeline locations. Direct conflicts with the Des Plaines River causeways exist. Direct conflicts are not anticipated for the I&M Canal Causeway, CSS Canal Causeways, Pier 1, and Piers 13 thru 15. Construction of causeways shall be stage constructed to avoid damage to pipeline and meet requirements of S.P. 106.13. Requirements for working adjacent to the pipeline are identified in S.P. 106.13 and shall be adhered to. Any damage caused to the pipeline will be the sole responsibility of the Contractor.

5. The Des Plaines River water surface shall not be disturbed, as part of construction activities, between June 1 and July 31 of any contract year so to avoid disruption of fish spawning in the project area. Water surface disturbance includes any installation or removal of piers, causeways, cofferdams, or other work in the waterway. Cofferdams and/or causeways may be in place during the period between June 1 and July 31, but installation or removal is not permissible during the specified time period.

Parcel ID #	Projected Acquisition Date	Actual Acquisition Date	Demolition Contract	Projected Allowable Commencement of Work Date
TW-3B-16-002	08/30/2019		N/A	See SP 106 (Railroad)
TW-3B-16-003	08/30/2019		N/A	08/30/2019
TW-3B-16-004	06/28/2019		N/A	06/28/2019
TW-3B-16-005	06/28/2019		N/A	See SP 106 (Railroad)
TW-3B-16-006	02/01/2019		I-18-4369	06/28/2019
TW-3B-16-007	06/28/2019		N/A	06/28/2019
TW-3B-16-008	02/01/2019			See SP 104, Contract NTP
*TW-3B-16-009	06/28/2019		By Others (BNSF)	01/01/2020
TW-3B-16-010	06/28/2019		N/A	08/01/2019
TW-3B-16-011	06/28/2019		N/A	06/28/2019
TW-3B-16-012	08/01/2019		N/A	08/01/2019
TW-3B-16-013	08/01/2019		N/A	08/01/2019
TW-3B-16-014	08/01/2019		N/A	08/01/2019
TW-3B-16-015	08/01/2019		N/A	08/01/2019
TW-3B-16-017		09/07/2018	N/A	See SP 104, Contract NTP
TW-3B-16-018		09/24/2018	N/A	See SP 104, Contract NTP
TW-3B-16-019		08/22/2018	N/A	See SP 104, Contract NTP
TW-3B-16-020		02/05/2019	N/A	See SP 104, Contract NTP
TW-3B-16-021		11/16/2018	N/A	See SP 104, Contract NTP
TW-3B-16-022		12/03/2018	I-18-4430	See SP 104, Contract NTP
TW-3B-16-023		11/27/2018	N/A	See SP 104, Contract NTP
TW-3B-16-024		11/09/2018	N/A	See SP 104, Contract NTP

* Work within TW-3B-16-009 will be allowed prior to the Project Allowable Commencement of Work Date, but after the Projected Acquisition Date, in areas which do not conflict with the BNSF MOW building operations, access, parking, and demolition. In addition the BNSF communication tower located in close proximity to the MOW building will remain throughout the duration of the contract.

However, the Illinois Tollway reserves the right not to issue the Notice to Proceed until sufficient right-of-way, as deemed by the Engineer, is available for commencement of the Work. In any event, there shall be no damages or additional compensation due to the Contractor for delays due to delay in furnishing the right-of-way, and the Contractor's sole remedy, where applicable, shall be an extension of time.

S.P. 119 AVAILABLE GEOTECHNICAL INFORMATION

The following is a listing of the geotechnical reports prepared by Geo Services, Inc. and Himalayan Consultants, LLC that are included as appendices.

Roadway Geotechnical Report – From Archer Avenue to 5th Avenue Cutoff

WATER VALVES

Description. This work shall consist of furnishing all labor, equipment, and material necessary to install gate valves of the size specified, inside a valve vault, for the relocation of existing water main. The work shall be performed at the locations shown on the plans or as specified herein and as directed by the Engineer or the local Jurisdictional Agency or his representative (Engineer).

Materials. Materials shall be in accordance with Section 561 of the Standard Specifications and according to the Standard Specifications for Water & Sewer Construction in Illinois, current edition.

The water valves shall be resilient wedge gate valves manufactured by Mueller, CLOW, or US Pipe and conform to AWWA C-509 with O-ring stem seals rated for a maximum working pressure of 250 psi. Gate valves shall be cast iron and furnished with mechanical joints meeting the requirements of AWWA Standard C-111.

All fittings for water valves shall be mechanical joint flange type secured with Megalug retainer glands. The valves shall be counter-clockwise open.

The use of butterfly valves will not be permitted.

CONSTRUCTION REQUIRMENTS

Construction shall be in accordance with Section 561.03 of the Standard Specifications and according to the Standard Specifications for Water & Sewer Construction in Illinois, current edition.

All valves shall be installed with the nut centered under the valve vault lid. The valve shall be supported inside the vault or against concrete blocks against undisturbed subgrade.

Method of Measurement. This work will be measured for payment per each of WATER VALVES measured in place.

Basis of Payment. This work will be paid for at the Contract unit price per each for WATER VALVES of the size and configuration specified, which price shall include all labor, materials, fittings, tools, equipment and trench backfill necessary for a complete installation, and will be paid one time per water valve location.

Valve vaults shall not be included for payment under this item and will be paid for separately.

Pay Item Number	Designation	Unit of Measure
56105000	WATER VALVES 8"	EACH
56105410	WATER VALVES 20"	EACH

FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE

Description. This work shall consist of furnishing and installing fire hydrant assemblies with auxiliary valve, valve box and tee.

Materials. Materials shall be in accordance with Section 561 of the Standard Specifications and according to the Standard Specifications for Water & Sewer Construction in Illinois, current edition.

Fire hydrants shall be the break-flange design with auxiliary valve and box in accordance with the manufacturer and model number meeting the requirements of the local jurisdictional agency. The hydrant main stem shall be stainless steel. Hydrant barrels shall be one-piece ductile iron pipe, and shoe flanges shall be attached to the barrel and valve flanges with stainless steel bolts. All other hexagonal nuts and bolts – above and below grade – are to be stainless steel. The hydrants and auxiliary valve shall be conventional O-ring packing and be bronze mounted on all bearing parts. Said hydrants shall have a nominal five (5) inch valve opening, seven (7) inch diameter standpipe, two (2) two and one-half (2-1/2) inch hose nozzles and one (1) four and one-half (4-1/2) inch steamer connection, all with national standards threads.

Hydrant valves shall be of the cast iron body, bronze mounted, bronze stemmed, double disc pattern designed for two hundred (200) pounds working pressure and conforming to AWWA specification C500 where applicable. Each valve shall be tested to three hundred fifty (350) pounds hydrostatic test pressure. All valves shall be closed by turning the stem in a clockwise direction. Stems shall be of the non-rising type and shall be furnished with the O-ring stem seal and two (2) inch operating nut. Only employees of the Jurisdictional Agency's Public Works Department are authorized to operate valves connected to the water system.

Auxiliary boxes shall be cast iron. Adjustments to grade will be done using auxiliary box extensions only. Adapters or risers will not be permitted. To maintain box to valve alignment, boxes shall be installed with valve box stabilizers. Auxiliary boxes shall be installed no deeper than eight (8) feet below final grade.

Water main fittings (bends, elbows, tees, increasers, reducers, etc.) may or may not be specifically referenced on the plans. However, they are to be considered as included in unit cost of the fire hydrant assembly.

All pipes and fittings and appurtenances for the water distribution system shall be manufactured by same manufacturer, manufactured in the United States of America.

All pipes shall be laid not less than 5.0 feet in depth to the top of pipe from finished grade.

Thrust blocking shall be installed at all bends, tees, elbows, etc. (see details), the size of which shall be determined by the Contractor to provide adequate thrust restraint at each location. Cost of thrust blocking shall be included in the unit price of fire hydrant assembly.

Fire hydrant assemblies shall include Hydrant Storz adapters which shall be UL listed and FM approved. The adapters shall be hard anodized or forged cast aluminum adapter and cap, with a stainless-steel aircraft cable and stainless-steel set screw to prevent unscrewing from the hydrant.

CONSTRUCTION REQUIREMENTS

Construction shall be in accordance with Section 561.03 of the Standard Specifications and according to the Standard Specifications for Water & Sewer Construction in Illinois, current edition.

In the process of chlorinating newly laid water main, all valves shall be operated while the water main is filled with the chlorinating agent.

The Jurisdictional Agency's Public Works Department shall operate the valves to flush the water main after the receipt of satisfactory flushing and testing water samples. Any operation difficulties or deficiencies shall be noted and submitted to the Contractor for repair.

All hydrants are to meet final finish grade as specifically shown on the plans and to be a minimum of 4-feet from back of curb, edge of pavement, or back of guardrail or as directed by the Engineer. All valve boxes are to be adjusted to meet final finish grade upon completion of finished grading and final inspections. The cost of this adjustment shall be included in the unit price for the fire hydrant assembly.

Method of Measurement. This work will be measured for payment according to Section 561.04 of the Standard Specifications.

Basis of Payment. This work will be paid for at the contract unit price per each for FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE, which price shall include all labor, materials, and trench backfill necessary for a complete installation and will be paid one time per hydrant location.

Pay Item Number	Designation	Unit of Measure
56400825	FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE	EACH

WATER MAIN REMOVAL

Description. This work shall include the removal of existing water main where shown on the plans. The existing valve vault shall be excavated and removed for the full depth of the structure. The contractor shall sawcut the existing water main and remove the associated appurtenances. The existing pipe shall be capped.

Construction Requirements. The existing water main shall be cut by the Contractor at the locations shown on the plans or as directed by the Engineer once proposed water main has been constructed and tested. Contractor shall backfill the trench created by the removal of the water main with clean approved material per Article 550.07, method 1 or if within 2' of pavement or sidewalk, trench backfill shall be utilized in accordance to Section 208 of the Standard Specifications and as approved by the Engineer.

Method of Measurement. This work will be measured for payment per foot of WATERMAIN REMOVAL, 6" and REMOVAL OF EXISTING WATER MAIN, 36".

Basis of Payment. This work will be paid for at the Contract unit price per foot for WATERMAIN REMOVAL, 6" and REMOVAL OF EXISTING WATER MAIN, 36", measured in place, which price shall include all labor, materials, and trench backfill necessary to backfill the excavation.

Pay Item Number	Designation	Unit of Measure
X5610706	WATER MAIN REMOVAL, 6"	FOOT
JA 000425	REMOVAL OF EXISTING WATER MAIN, 36"	FOOT

Removal and replacement of unsuitable material below plan bedding grade will be paid for according to Article 109.04.

Basis of Payment. This work will be paid for at the Contract unit price per each for BUTTERFLY VALVE AND VAULT, of the diameter specified, which price shall include all labor, materials, and trench backfill necessary for a complete installation.

Pay Item Number	Designation	Unit of Measure
JA000113	BUTTERFLY VALVE AND VAULT, 20"	EACH
JA000125	BUTTERFLY VALVE AND VAULT, 36"	EACH

All water mains shall be disinfected and tested according to the requirements of the standards for disinfecting water mains, AWWA C651, and as required by this specification. All disinfection, as required by this specification, shall be performed by an independent firm exhibiting experience in the methods and techniques of this operation, and shall be approved by the local Jurisdictional Agency Public Works Department.

Bacteriological sampling and analysis of the samples shall be performed by a laboratory approved by the Illinois department of public health and the local Jurisdictional Agency's public works department.

Should the initial treatment result in an unsatisfactory bacteriological test, the procedure shall be repeated until satisfactory results are obtained.

The contractor shall pay for the sampling and analysis. Results shall be transmitted by the laboratory directly to the local Jurisdictional Agency Public Works Department. Test results shall indicate the date the sample was taken, the exact locations at which samples were taken, the firm submitting the sample, and the project at which the samples were collected. Sufficient samples shall be collected in order to ensure that the system is bacteriologically safe.

The Jurisdictional Agency Public Works Department shall operate the valves, hydrants, and any other appurtenances to flush the water main after the receipt of satisfactory water samples. Any operation difficulties or deficiencies shall be noted and submitted to the Contractor for repair.

Working Adjacent to Buckeye Utilities

The contractor must coordinate the installation of the 36" water main with Buckeye. The contractor's work must adhere to the requirements of Buckeye regarding federal regulations for jet fuel lines and adjacent main construction, including utility crossings. The contractor must comply with the requirements listed in the Buckeye Right-of-Way Restrictions Specification, section 3.4 Foreign Utility Crossings.

Method of Measurement. This work will be measured for payment in feet of DUCTILE IRON WATER MAIN, RESTRAINED JOINT PIPE.

Basis of Payment. This work will be paid for at the Contract unit price per foot for DUCTILE IRON WATER MAIN, RESTRAINED JOINT PIPE of the specified diameter.

The cost of dewatering shall be included in the unit price for the water main. The cost of trench sheeting, and bracing shall be included in the unit price for the water main. The cost of temporary earth retention system shall be included in the unit price for the watermain.

Pay Item Number	Designation	Unit of Measure
JA000210	DUCTILE IRON WATER MAIN, 6", RESTRAINED JOINT PIPE	FOOT

JA000218	DUCTILE IRON WATER MAIN, 14", RESTRAINED JOINT PIPE	FOOT
JA000222	DUCTILE IRON WATER MAIN, 20", RESTRAINED JOINT PIPE	FOOT

STEEL CASING PIPE

Description. This work shall consist of all labor, equipment and materials necessary to construct steel casing pipes at locations shown on the plans.

Construction Requirements. The steel casing pipe shall conform with the Standard Specifications for Water & Sewer Construction in Illinois, current edition, except as modified herein. The steel casing pipe shall be installed by methods approved by the Engineer. 48-inch diameter and smaller casing pipe shall have a minimum wall thickness of 0.500-inches. 60-inch diameter casing pipe shall have a minimum wall thickness of 0.750-inches. Steel casing pipe shall have a minimum 30 mil thickness bituminous coating inside and out, and shall be of leak proof construction. The steel casing pipe shall have a minimum yield strength of 35,000 psi and shall meet the requirements of ASTM A 139, Grade B. Ring deflection shall not exceed 2% of the nominal diameter. The steel casing pipe shall be delivered to the jobsite with beveled ends to facilitate field welding, and all joints shall be continuous field-welded butt joints per AWWA C206. Shop drawings and weld design, and welder certificates, shall be provided to the Engineer for approval.

The water main pipe shall be supported within the casing pipe. The Contractor may use manufactured non-metallic or non-corrosive casing spacers, installed per manufacturer's recommendations. Casing Spacers must provide electrical transmission insulation between the casing pipe and water main pipe. A minimum of two supports shall be used per joint of pipe for lengths up to 12.5 feet, and a minimum of three supports shall be used per joint for lengths greater than 12.5 feet. The voids in the casing pipe will not be filled with pea gravel, grout or any other material.

The steel casing end sections shall be water tight manufactured type casing seals and shall be submitted for utility owner review prior to installation. The cost of casing seals shall be included in the unit price for the water main pipe installed.

Cathodic protection of the steel casing shall be provided for all steel casing pipe installed. The cost of cathodic protection shall be included in the unit price for the water main pipe installed.

Excavation, laying and backfilling of casing pipe shall be in accordance with Article 542.04 (Method I) of the Standard Specifications.

New casing pipe shall be welded to any existing casing pipe that is contiguous. Welds shall be continuous field-welded butt joints per AWWA C206.

Contractor shall extend existing casing pipe to provide additional protection of the pipe under the future extended roadway. Contractor shall expose the end of the existing casing, and cut the new steel pipe extension in half, excavate under the existing pipe, place the bottom portion of the steel casing under the existing pipe and support it with casing spacers in the annular space, and weld the top half in place. Contractor shall backfill the space under the pipe with CA-6. All this work shall be considered incidental to the casing pipe contract unit price.

Method of Measurement. The steel casing pipe shall be measured in feet measured from end of casing pipe to end of casing pipe.

Basis of Payment. This work shall be paid at the contract unit price per foot for STEEL CASING PIPE of the size specified which shall be full compensation for all material and equipment required to furnish and install casing pipe, including excavation, dewatering, shoring and bracing, bedding, non-granular backfill, surplus soil removal and disposal, water tight manufactured type casing seals, cathodic protection, casing spacers and all welding, and shall include all labor, equipment, tools and other incidentals necessary to complete this work. Additional non-granular backfill material required to bring the excavated pits to existing grade is considered incidental to this pay item and will not be paid for separately. Granular backfill will be paid for separately. Watermain installed in the casing pipe shall be paid for separately.

Pay Item Number	Designation	Unit of Measure
JA000265	STEEL CASING, 54"	FOOT

WATER MAIN CAP

Description. This work shall consist of furnishing of all labor, tools, equipment, and materials necessary to disconnect and cap an existing water main that is to be removed and taken out of service.

Materials. All materials shall conform to the Standard Specifications for Water & Sewer Construction in Illinois, current edition. The cap system shall be for capping of PVC water main pipe and PCCP water main pipe.

CONSTRUCTION REQUIRMENTS

All work shall be in accordance with the Standard Specifications for Water and Sewer Main Construction in Illinois, latest edition. The contractor shall also thrust block the cap against the end of the existing water main that is to be abandoned in place for additional thrust restraint, the size of which shall be determined by the contractor to provide for adequate thrust restraint at each location. This item shall include any line stops required to perform this work in addition to removal and proper disposal of all material. The excavated hole shall be properly backfilled and shall include trench backfill where required.

The contractor shall coordinate a minimum of five (5) working days in advance with the water superintendent for a shutdown connection of the existing water main within the area affected by this work. All materials shall be on hand before work is undertaken to ensure that a minimum of time is necessary to complete the work required on the plans. Only local Jurisdictional Agency Water Department Personnel will oversee closing system valves, but the contractor will lend any assistance necessary to expedite the shutdown.

Method of Measurement. This work will be measured for payment per each in place.

Basis of Payment. This work will be paid for at the Contract unit price per each for WATER MAIN CAP, of the diameter specified, which price shall include all labor, materials, and trench backfill necessary for a complete installation and will be paid one time per disconnection location.

Pay Item Number	Designation	Unit of Measure
JA000850	PVC WATER MAIN CAP, 20"	EACH
JA000860	PCCP WATER MAIN CAP, 36"	EACH

with retainer glands. Retainer glands shall be Megalug by EBAA Iron, or approved equal. All bends, crosses, and tees shall be additionally restrained with thrust blocks as shown on the details on the plans. The cost of retainer glands and thrust blocks shall be considered included in the cost of the PVC water main.

Tracer wire shall be installed on PVC water main. The wire shall be solid blue No.8 tracer wire. The wire shall be installed at the top of the pipe and continuity shall be maintained across all fittings. The cost of tracer wire shall be included in the unit price for the water main pipe installed.

Method of Measurement. This work will be measured for payment in feet of PVC WATER MAIN of the diameter specified, measured in place.

Basis of Payment. This work will be paid for at the Contract unit price per foot for PVC WATER MAIN of the diameter specified, measured in place. This price shall include hydrostatic pressure tests, leakage tests, disinfecting of the water main, and excavation. Excavation, removal and disposal of excess excavation, and trench backfill will not be measured for payment but shall be considered as included in the contract unit price per linear foot of PVC water main of the class and size specified. Granular Cradle (CA-7) from four inches (4") below the bottom of the pipe to one foot (1') over the top of the pipe will not be measured for payment, but shall be considered as included in the contract unit price per linear foot of PVC water main of the class and size specified. Installation of fittings such as tees, bends, reducers, and plugs shall be considered included in the contract unit price per linear foot of PVC water main of the class and size specified.

This item shall also include any and all items such as corporation stops (for testing), water pumps, gauges, meters and laboratory test costs, and all other items necessary to complete this work as specified.

Pay Item Number	Designation	Unit of Measure
JI999737	PVC WATER MAIN 8"	FOOT
JA000830	PVC WATER MAIN, 20"	FOOT
JA000840	PVC WATER MAIN, 36"	FOOT

MAINTENANCE OF TRAFFIC

DESCRIPTION

This work shall consist of the furnishing, installation, maintenance, relocation and removal of work zone traffic control and protection in accordance with Section 701 of the Illinois Tollway Supplemental Specifications, plans, details, and as further defined and prescribed herein. This item shall be used for maintenance of traffic on the Tri-State Tollway (I-294).

CONSTRUCTION REQUIREMENTS

Special attention is called to Section 701 of the Illinois Tollway Supplemental Specifications, Sections 702-703 of the Standard Specifications, and the following Illinois Tollway Standard Drawings relating to traffic control:

Illinois Tollway Standard Drawings used on Illinois Tollway jurisdiction:
E1, E2, E3, E4, E5, E6, E7

The governing factor in the execution and staging of work for this project is to provide the motoring public with the safest possible travel conditions through the construction zone. The Contractor shall arrange his/her operations to keep the closing of lanes and/or roads to a minimum.

The Contractor shall be responsible for the proper location, installation, and arrangement of all traffic control devices as shown in the maintenance of traffic plans. Special attention shall be given to existing warning signs and guide signs during all construction operations. Warning signs and existing guide signs with arrows shall be kept consistent with the barricade placement at all times. The Contractor shall immediately remove or completely cover all signs that are inconsistent with lane assignment patterns.

All traffic control devices used for the maintenance of traffic, as detailed on the plans, shall be reflectorized prior to installation and cleaned as specified by the Engineer.

When directed by the Engineer, the Contractor shall remove all traffic control devices which were furnished, installed, or maintained by Contractor under this contract. All traffic control devices shall remain in place until specific authorization for relocation or removal is received from the Engineer.

The contractor shall be responsible for and replace any signs that are supplied by others and damaged by the I-18-4430 contractor's workforce or subcontractors during relocation or construction operation.

The maintenance of all signs, drums, pavement markings, barriers, attenuators, reflective markers, delineators, relocation of traffic control devices for snow removal operations, construction flagging, and maintenance, protection and relocation of points for temporary access shall be required until the Contract Completion Date or until Contract I-18-4431 assumes ownership of the Maintenance of Traffic, whichever occurs first, at which time The Contractor shall coordinate the transfer with the Engineer and Contract I-18-4431. With the exception of standard MOT signs, all signs shown in the MOT PLAN – FINAL CONDITION are to remain installed and be transferred to Contract I-18-4431. Drums, barricades, and standard MOT signing components are only to be removed with immediate replacement by Contract I-18-4431.

The contractor shall be responsible for the design, construction, and maintenance of temporary plating or shoring needed during the maintenance of traffic for the construction of temporary and proposed drainage structures. The design for temporary plating and shoring shall be submitted to the Engineer for approval prior to implementation.

All signs furnished by the Illinois Tollway shall be obtained by the contractor from the Illinois Tollway sign shop in Naperville.

COORDINATION
Per Illinois Tollway Supplemental Specifications 701.04 (a) except as modified herein.

If an alternate traffic pattern is required within the contract, the Contractor shall submit maintenance of traffic deviation plan, 21 days prior of the changes for approval by the Illinois Tollway. In addition, the Contractor is required to attend a maintenance of traffic meeting arranged by the Engineer with representatives of the Illinois Tollway to review the proposed changes in the maintenance of traffic 2 days prior to the implementation of the new maintenance of traffic changes.

Barrier delineators shall be placed in accordance with Illinois Tollway Standard Drawing D4. The reflective color shall be in accordance with Illinois Tollway Standard Drawing D4. This work will be paid for by the BARRIER WALL REFLECTORS, TYPE C pay item. Removal of delineators and covering of conflicting delineators will be at direction of the Engineer and will be incidental to the BARRIER WALL REFLECTORS, TYPE C pay item.

The Contractor shall prepare and submit a plan for the type of material to be used for emergency patching to open the Illinois Tollway to traffic during the nightly lane closures. The plan should be submitted to the Engineer and the Illinois Tollway Materials Engineer for approval prior to the start of construction. Preparation of the emergency plan shall be incidental to the MAINTENANCE OF TRAFFIC pay item.

It is the contractor's responsibility to maintain coordination between adjacent contracts throughout the duration of the project. This includes all maintenance activities until the Contract Completion date.

Unless otherwise noted, the contractor shall remove or cover all existing signs that conflict with or do not apply to the revised traffic patterns and shall restore the signs at the end of construction as directed by the engineer. The covering or removal and reinstallation of signs and appurtenances shall be non-destructive in nature.

Temporary relocation of existing ground mounted signs shall include relocation of sign panel post, assembly hardware, and removal of existing ground mounted sign supports, and or concrete foundations. All signs which are relocated shall be reinstalled at their original location or new location as determined by the engineer. Items which are damaged upon relocation and reinstallation shall be replaced will an equal item and as approved by the engineer at the Contractor's expense.

MISCELLANEOUS MAINTENANCE ITEMS
The Contractor is responsible for overall project maintenance and safety within the construction zone until the Contract Completion date. This includes temporary drainage, erosion control, sediment control, lighting, and all other project related maintenance.

Temporary drainage items shall include but be limited to: Maintaining drainage flows; receiving and discharging all flows from drainage facilities not shown on the plans but disturbed in the field; cleaning lose material, dirt and debris from all drainage structures; and protection of inlets that are to remain in place from damage.

The Contractor shall maintain construction site safety meeting OSHA requirements including but not limited to fall protection, excavation requirements, hazard communication and general safety and health provisions through Contract Completion date.

Contractor shall identify and obtain engineer approval for traffic loading on all drainage and utility structures within the temporary traveled way prior to shifting traffic. Necessary modifications to drainage and utility structures shall be installed as directed by engineer. At a minimum the contractor shall tack weld all frame and grates that are located within a driving lane during the pre-stage to the satisfaction of the engineer.

In the event of snow the Contractor will be responsible for the immediate removal of any maintenance of traffic devices required for construction operations that would interfere with the snow removal performed by the Illinois Tollway. The Contractor should note that during a snow event, snow may be plowed into the construction zone. The Contractor will be responsible for restoring the maintenance of traffic devices after the completion of the snow removal operations. All snow accumulated within the bridge work area shall be hauled away outside of the bridge limits and no snow shall be pushed or thrown off the bridges.

ALLOWABLE LANE CLOSURES

Temporary lane closures within the contract limits will be permitted only with the Illinois Tollway's approval. All temporary lane and shoulder closures must be approved by the Illinois Tollway and shall be submitted by the Contactor to the Engineer by 7:00 AM weekdays at least one business day before the closure. The lane closure coordination must be routed through the Engineer and no contact should be made directly with the Illinois Tollway. In addition, closures along the Central Tri-State Tollway (I-294) shall be in accordance with the Illinois Tollway's Standard E2, Lane Closure Details.

Delete 701.14 (c) of the Illinois Tollway Supplement Specifications in its entirety and replace with the following:
"The maximum allowable time limit for a full closure on a Illinois Tollway road shall be fifteen (15) minutes, ten (10) minutes for sign truss erection. No full closures of any duration will be allowed during the hours of 10:00 p.m. Friday – 5:00 a.m. Sunday."

DAY	POSSIBLE DAILY SHOULDER CLOSURE TIMES M.P. 20 to M.P. 23	
	Northbound	Southbound
Monday-Sunday	9:00 a.m.- 3:00 p.m.	9:00 a.m.- 3:00 p.m.

DAY	POSSIBLE 1-LANE CLOSURE TIMES M.P. 20 to M.P. 23	
	Northbound	Southbound
Monday	8:00 p.m.- 5:00 a.m. Tues.	8:00 p.m.- 5:00 a.m. Tues.
Tuesday	8:00 p.m.- 5:00 a.m. Wed.	8:00 p.m.- 5:00 a.m. Wed.
Wednesday	8:00 p.m.- 5:00 a.m. Thru.	8:00 p.m.- 5:00 a.m. Thru.
Thursday	8:00 p.m.- 5:00 a.m. Fri.	8:00 p.m.- 5:00 a.m. Fri.
Friday	10:00 p.m.- 8:00 a.m. Sat.	10:00 p.m.- 10:00 a.m. Sat.
Saturday	6:00 p.m.- 10:00 a.m. Sun.	10:00 a.m.- 10:00 a.m. Sun.
Sunday	8:00 p.m.- 5:00 a.m. Mon.	10:00 a.m.- 5:00 a.m. Mon.

CONTRACT ALLOWANCE FOR SOIL HANDLING AND MANAGEMENT

DESCRIPTION

This work shall consist of all work required to handle, manage and protect soils received from private parties from offsite at location(s) designated by and as directed by the Engineer. This material is to be preserved for future use as roadway embankment on Tollway projects. The work includes accepting, managing and properly stock piling soil received from offsite and could include site preparation, clearing, grading, erosion and sediment control, handling/placing/compacting soils and place permanent cover in order to construct, protect and maintain proper soil stock piles.

METHOD OF MEASUREMENT

This work will not be measured for payment.

BASIS OF PAYMENT

Except as listed below, payment for this work will be made as specified in the Illinois Tollway Supplemental Specifications Article 109.04 using a force account basis. Payment for this work will not exceed the costs incurred by the contractor (including allowable markups) and approved by the Engineer.

The cost for any tree removal required to perform this work shall be included in the Contract unit price per unit diameter for TREE REMOVAL (6 to 15 UNITS DIAMETER) or TREE REMOVAL (OVER 15 UNITS DIAMETER).

The cost for any silt fencing required to perform this work shall be included in the Contract unit price per foot of fence erected for SILT FENCE.

The cost for any construction entrances required to perform this work shall be included in the Contract unit price per square yards for STABILIZED CONSTRUCTION ENTRANCE.

The cost for any stabilization required to perform this work shall be included in the Contract unit price per square yards for SAME-DAY STABILIZATION.

The cost for any temporary stabilization required shall be included in the Contract unit price per acre for TEMPORARY STABILIZATION WITH STRAW MULCH.

The cost for any erosion control blanket required to perform this work shall be included in the Contract unit price per square yard for EROSION CONTROL BLANKET, BIODEGRADABLE NETTING.

Pay Item Number	Designation	Unit of Measure
JT154072	CONTRACT ALLOWANCE FOR SOIL HANDLING AND MANAGEMENT	UNIT

CONDUIT REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, COILABLE NONMETALLIC, NO SALVAGE

DESCRIPTION

This work shall consist of removing the existing conduit from inside a larger, rigid nonmetallic conduit attached to the bridge structure, as shown on the plans and as directed by the Engineer.

CONSTRUCTION REQUIREMENTS

The existing conduit shall be removed from the outer, rigid nonmetallic duct and disposed of by the Contractor.

METHOD OF MEASUREMENT

This work will be measured for payment in feet along the centerline of the conduit removed.

BASIS OF PAYMENT

This work will be paid for at the contract unit price per foot for CONDUIT REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, COILABLE NONMETALLIC, NO SALVAGE, which shall include full compensation for disconnecting, removing, and disposing of removed material.

Pay Item Number	Designation	Unit of Measure
JT160236	CONDUIT REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, COILABLE NONMETALLIC, NO SALVAGE	FOOT

Blowing: To minimize the exposure of the backbone cable and to facilitate the longer lengths of fiber optic cable, the Contractor shall use a "blown cable" (pneumatically assisted) technique to place the fiber optic cable. Either the high airspeed blowing (HASS) method or the piston method shall be used. When using the HASS method, the volume of air passing through the conduit shall not exceed 600 cubic feet per minute or the conduit manufacturer's recommended air volume, whichever is more restrictive.

When using the piston method, the volume of air passing through the conduit shall not exceed 300 cubic feet per minute or the conduit manufacturer's recommended air volume, whichever is more restrictive. A Compressed air cooler shall be used when ambient air temperatures reach 90°F or more.

Tracer Wire: Tracer wire is required by the Illinois Tollway. As shown in the plans, a tracer wire shall be installed with the fiber optic conduit run. The tracer wire shall be a direct burial next to the fiber conduit not to exceed 3". Rated number 10 AWG (minimum) solid, steel core soft drawn high strength tracer wire. The wire shall have a minimum 380-pound average tensile break strength. The wire shall have a 30 mil high density orange polyethylene (HDPE) jacket complying with ASTM-D-1248, and a 30-volt rating. The tracer wire shall be installed as per Illinois Tollway standards and supplemental standard specifications.

Connection devices used shall be as approved by the tracer wire manufacturer, except wire nuts of any type are not acceptable and shall not be used.

Aerial Installation on Wood Poles

Aerial installation shall be done as shown on the plans and as per the fiber optic manufacturer's recommendations. The messenger wire and shall be grounded at each wood pole as shown on the plans and per NESC and NEC codes. Maintain clearances per NESC.

Aerial Installation Attached to Structure

Aerial installation shall be done as shown on the plans and as per the fiber optic cable manufacturer's recommendations. The messenger and cables shall be installed in a manner that minimizes sag while keeping tension in the wire and cable below manufacturer's suggested limits. After installation, the messenger and cable assembly shall not sag below the existing bridge beams under any condition. The messenger wire clamps shall be mechanically fastened to the underside of the concrete bridge deck with galvanized steel anchors/fasteners as shown on the plans. One messenger wire shall be used to support a maximum of two (2) fiber optic cables. If more than one messenger is attached to the underside of the bridge deck, maintain 1 foot of separation between the messengers at the attachment points. Maintain horizontal and vertical clearances according to the NESC.

Fiber Optic Cable Reel Testing Requirements (Incoming Inspection by Contractor)

The Contractor shall submit detailed test procedures for approval by the Engineer. All fibers shall be tested bi-directionally at both 1310 nm and 1550 nm with both an Optical Time Domain Reflectometer (OTDR) and a power meter with an optical source. For testing, intermediate breakout fibers may be concatenated and tested end-to-end. Any discrepancies between the measured results and these specifications will be resolved to the satisfaction of the Engineer.

The Contractor shall test all fibers for continuity, events above 0.1 dB, and total attenuation of the cable. The test procedure shall be as follows:

A Certified Technician utilizing an Optical Time Domain Reflectometer (OTDR) and Optical Source/Power Meter shall conduct the installation test. The test equipment used shall have been calibrated within the year. Documentation shall be provided. The Technician is directed to conduct the test using the standard operating procedures defined by the manufacturer of the test equipment. All fibers installed shall be tested in both directions.

A fiber ring or fiber box, commonly known as a launch kit, shall be used to connect the OTDR to the fiber optic cable under test at both the launch and receive ends. The tests shall be conducted at 1310 and 1550 nm for all fibers, bi-directionally.

At the completion of the test, the Contractor shall provide copies of the documentation of the test results to the Engineer. All test results shall be provided on or the day following the test date. The Contactor shall tabulate the test results in the attached spreadsheet and submit to the Engineer and Illinois Tollway for final review and approval. Screenshots of the test results shall not be accepted. A minimum of 5 working (7 calendar) days shall be allowed for Illinois Tollway to review the test results.

Three (3) copies of the test documentation shall be submitted electronically, and shall include the following:

Cable & Fiber Identification:

- Cable ID
- Cable Location – beginning and end-point
- Fiber ID, including tube and fiber color
- Wavelength
- Date and Time
- Operator Name
- Setup Parameters
- Pulse width (OTDR)
- Refractory index (OTDR)
- Range (OTDR)
- Scale (OTDR)

Setup Option chosen to pass OTDR "deadzone"

Test Results shall include:

- OTDR Test results - Including the raw test results file and the results in a .pdf format.
- Total Fiber Trace
- Measured Length (Cable Marking)
- Total Length (OTDR)
- Optical Source/Power Meter Total Attenuation (dB/km)
- Splice Loss/Gain
- Events > 0.10 dB
- OTDR Fiber Trace Viewer Software details

DUCT PACKAGE

Description. The work shall consist of furnishing and installing a CLSM-encased multiple duct package, including conduit, for the fiber optic backbone in accordance with the plans.

Materials.

Controlled Low-Strength Material (CLSM) shall conform to the requirements of Section 1019 of the Standard Specifications.

Where specified in the pay item designation, 4" conduit shall be according to the special provision for "UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, SDR 11".

Where specified in the pay item designation, 1-1/2" conduit shall be according to the special provision for "UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, SDR 11, RIBBED".

Construction Requirements.

CLSM-Encased Conduit. Multiple conduit runs grouped together in a duct bank shall be encased in CLSM and shall be supported on interlocking plastic spacers designed for the purpose, spaced along the length of the run as recommended by the manufacturer. Spacing between raceways within a common duct bank shall be a minimum of 2 in. The interlocking spacers shall be used at a maximum interval of 5 ft. CLSM cover overall shall be a minimum of 3 in. all around the encased run.

During CLSM placement there shall be no voids, the spacers shall be undisturbed, and the conduit joints shall stay secure and unbroken. CLSM shall be deflected during placement to minimize the possible damage to or movement of the conduits.

Conduit encased in CLSM shall have steel reinforcing when installed below roadway or other paved vehicle areas (including shoulder) and the reinforcement shall extend a minimum of 5 ft additional from the edge of pavement. Steel reinforcement shall be a minimum of No. 4 bars at the corners and otherwise spaced on 12 in. centers, tied with No. 4 bars on 12 in, centers.

All conduit joints and supports shall be inspected and approved by the Engineer before the CLSM is poured.

Method of Measurement. This work will be measured for payment in feet in place. Measurements will be made in straight lines along the Centerline of the conduit between ends and changes in direction. Changes in direction shall assume perfect straight line runs, ignoring actual raceway sweeps.

Basis of Payment. This work will be will be paid at the contract unit price per foot for DUCT PACKAGE, CONDUIT ENCASED, of the encasement type, conduit type, conduit diameter, and

number of raceways including the spacers. Conduit, reinforcement bars and interlocking spacers will not be paid for separately.

Pay Item Number	Designation	Unit of Measure
JT810900	DUCT PACKAGE, CONDUIT ENCASED, CONCRETE, 1-1/2" DIA., 24 COUNT	FOOT
JT810910	DUCT PACKAGE, CONDUIT ENCASED, CONCRETE, 4" DIA., 2 COUNT	FOOT

UTILITY PROTECTION

DESCRIPTION

This work shall consist of providing design and submittal of design drawings for temporary utility crossings, protection mats, and protection at locations within the construction limits and at locations where the contractor accesses the site, and as shown on the plans, by providing for the engineering services, additional subsurface investigations, furnishing of materials, construction, maintenance, and removal.

CONSTRUCTION REQUIRMENTS

The contractor shall cooperate with the utility owners and operating companies as specified in SP 106 Cooperation with Utilities and Others. All coordination with utility companies shall be coordinated through the Engineer.

The contractor shall install temporary construction fencing, per special provision for TEMPORARY CONSTRUCTION FENCE, except as modified herein. The temporary construction fence shall be installed 10 feet from the centerline to both sides of existing utilities owned by the utility companies listed below, in areas within the existing and proposed right-of-way and easement where the contractor does not install protection pads or obtain approved crossings, or as indicated on the utility sheets in the plans. The contractor shall be responsible for maintaining and protecting the temporary construction fencing until completion of the contract, including the immediate replacement or repair of any damaged sections of the fence. The contractor shall not store material within the limits of the protection zone defined by the temporary construction fencing without written permission of the Engineer.

In addition, the contractor shall adhere to the following utility protection requirements.

Buckeye Partners, LP, Westshore:
The contractor shall refer and adhere to the protection requirements of Buckeye Partners, LP when working near their pipeline as specified in S.P. 106 COOPERATION WITH UTILITIES AND OTHERS. Contractor shall coordinate with Buckeye Partners, LP in the placement and installation types for the temporary crossings of their pipelines and shall install and remove such pipeline protection devices as required by Buckeye Partners, LP.

Natural Gas Pipeline, Co.:
The contractor shall refer and adhere to the protection requirements of Natural Gas Pipeline, Co. when working near their pipeline as specified in S.P. 106 COOPERATION WITH UTILITIES AND OTHERS. Contractor shall coordinate with Natural Gas Pipeline, Co. in the placement and installation types for the temporary crossings of their pipelines and shall install and remove such pipeline protection devices as required by Natural Gas Pipeline, Co. The Contractor shall contact NGPL any time work is being completed within 25 feet of the pipeline so that a NGPL representative can be on site. The Contractor shall use soft techniques, hand or hydro vacuum excavation, when digging within 2 feet of the pipeline.

Nicor:
The contractor shall refer and adhere to the protection requirements of NICOR when working near their pipeline as specified in S.P. 106 COOPERATION WITH UTILITIES AND OTHERS. Contractor shall coordinate with NICOR Gas in the placement and installation types for the temporary crossings of their pipelines and shall install and remove such pipeline protection devices as required by NICOR Gas.

Illinois American Water:
The contractor shall limit crossings over the Illinois American Water water main and shall install and remove protection mats as needed at crossings to ensure that construction traffic will not produce greater pressure to soils than current conditions, or as approved by the Engineer. Drawings, bearing pressure calculations and stress calculations shall be submitted to the Engineer for approval, a minimum of 21 days prior to applying any loadings to the utility. Any subsurface investigations necessary to generate the design submittal shall be coordinated in accordance with S.P. 106 COOPERATION WITH UTILITIES AND OTHERS.

West Suburban Water Commission:
Construction vehicles shall be prohibited from crossing the West Suburban Water Commission water main except at designated crossings at existing access roads where the contractor shall construct permanent protection mats (land bridges) to ensure that construction traffic will not produce any live load that exerts pressure to soils surrounding the utility, or as approved by the Engineer. Drawings, bearing pressure calculations and stress calculations shall be submitted to the Engineer for approval, a minimum of 21 days prior to crossing the utility. Any subsurface investigations necessary to generate the design submittal shall be coordinated in accordance with S.P. 106 COOPERATION WITH UTILITIES AND OTHERS.

Village of Burr Ridge:
The contractor shall limit crossings over the Village of Burr Ridge 36" water main and install and remove protection mats as needed to ensure that construction traffic will not damage the utility. Drawings, bearing pressure calculations and stress calculations shall be submitted to the Engineer for approval, a minimum of 14 days prior to applying any loadings to the utility. Any subsurface investigations necessary to generate the design submittal shall be coordinated in accordance with S.P. 106 COOPERATION WITH UTILITIES AND OTHERS.

Village of Hodgkins:
The contractor shall watch and protect the Village of Hodgkins utilities and shall provide notification in advance of the work to take place in accordance with S.P. 106 COOPERATION WITH UTILITIES AND OTHERS. The contractor shall work with Village of Hodgkins to physically locate Village of Hodgkins utilities in the field in order to avoid any negative impact from soil borings, sheet piling, and heavy construction equipment. The contractor shall be responsible for protecting Village of Hodgkins facilities from all construction operations and equipment.

Village of Countryside:
The contractor shall watch and protect the Village of Countryside watermain utilities and shall provide notification in advance of the work to take place in accordance with S.P. 106 COOPERATION WITH UTILITIES AND OTHERS. The contractor shall work with Village of Countryside to physically locate Village of Countryside watermain utilities in the field in order to avoid any negative impact from soil borings, jacking, sheet piling, and heavy construction equipment. The contractor shall be responsible for protecting Village of Countryside facilities from all construction operations and equipment.

MWRD:
The contractor shall watch and protect the MWRD facilities and shall provide notification in advance of the work to take place in accordance with S.P. 106 COOPERATION WITH

UTILITIES AND OTHERS. The contractor shall work with MWRD to physically locate MWRD utilities in the field in order to avoid any negative impact from soil borings, sheet piling, and heavy construction equipment. The contractor shall be responsible for protecting MWRD facilities from all construction operations and equipment. The contractor shall limit crossings and utilize protection mats as needed at crossings to ensure that construction traffic will not produce greater pressure to soils than current conditions, or as approved by the Engineer. Drawings, bearing pressure calculations and stress calculations shall be submitted to the Engineer for approval, a minimum of 21 days prior to applying any loadings to the utility. Any subsurface investigations necessary to generate the design submittal shall be coordinated in accordance with S.P. 106 COOPERATION WITH UTILITIES AND OTHERS. The contractor shall televise MWRD facilities before and after construction, in accordance with the Illinois Tollway special provision for TELEVISION INSPECTION OF SEWER. No access hatches and manhole covers on MWRD structures and manholes within the project area shall be buried or covered. No debris shall enter MWRD structures, sewers, or facilities and no access to MWRD facilities should be blocked. MWRD personnel shall have 24 hour-a-day unrestricted access to all MWRD facilities. MWRD facilities shall be located, protected, and adjusted to grade if necessary.

BP:
The contractor shall refer and adhere to the protection requirements of BP when working near their pipeline as specified in S.P. 106 COOPERATION WITH UTILITIES AND OTHERS. Contractor shall coordinate with BP in the placement and installation types for the temporary crossings of their pipelines and shall install and remove such pipeline protection devices as required by BP.

Remaining Utilities Not Listed Above:
The contractor shall watch and protect underground utilities and shall provide notification in advance of the work to take place in accordance with S.P. 106 Cooperation with Utilities and Others.

METHOD OF MEASUREMENT
This work will not be measured for payment.

BASIS OF PAYMENT
Except as noted below, this work will be paid for at the contract LUMP SUM price as UTILITY PROTECTION.

Since the extent of protection requirements are undetermined at the time of bid, the installation and removal work for the temporary crossings for the above mentioned utilities (except West Suburban Water Commission, Village of Countryside, and Nicor) will be paid for according to Article 109.04 of the Illinois Tollway supplemental specifications under ALLOWANCE FOR UTILITY LINE PROTECTION.

The cost of Temporary Construction Fence used for UTILITY PROTECTION will not be paid for separately but will be included in the contract unit price for UTILITY PROTECTION.

Construction Vibration Monitoring will be paid for at the lump sum price for CONSTRUCTION VIBRATION MONITORING

Televising of MWRD facilities will be paid for at the contract unit price per foot for TELEVISION INSPECTION OF SEWER.

Pay Item Number	Designation	Unit of Measure
JT900074	UTILITY PROTECTION	L SUM
JT154116	ALLOWANCE FOR UTILITY LINE PROTECTION	UNIT

CHICAGO SANITARY AND SHIP CANAL NAVIGATIONAL ACCESS
The Contractor shall maintain safe navigational access in the CS&SC in accordance with the requirements stated above for recreational access and must also maintain access for commercial navigation in accordance with the requirements specified in the project's United States Coast Guard (USCG) Section 9 Permit.

INVASIVE SPECIES BARRIER AT DES PLAINES RIVER ACCESS
A precast concrete barrier, constructed by the Chicago District of the U.S. Army Corps of Engineers, is located along the top of bank on the south side of the DPR to prevent invasive species movement between the DPR and the CS&SC during flood events. This barrier must be maintained by the Contractor during construction with temporary openings provided by the Contractor for access to the causeway. The Contractor must coordinate the temporary construction openings of the barrier for access to the causeway with the Tollway and the USACE. The Contractor must also coordinate the requirements to close any temporary construction openings in the barrier during flood conditions on the DPR and/or CS&SC or when there is no active construction activities that require access across the barrier. This work shall be performed in accordance with the special provision FISH BARRIER ACCESS MANAGEMENT.

WATERWAY BLACKOUT PERIODS
The Des Plaines River water surface shall not be disturbed, as part of construction activities, between June 1 and July 31, inclusive, of any contract year so to avoid disruption of fish spawning in the project area. Water surface disturbance includes any installation or removal of piers, causeways, cofferdams, or other work in the waterway. Cofferdams and/or causeways may be in place during the period between June 1 and July 31, inclusive, but installation or removal is not permissible during the specified time period.

IDNR and U.S. Fish & Wildlife Service (USFWS) have no established blackout periods for the CS&SC and I&M.

CAUSEWAY REMOVAL
During the various stages of causeway construction, and when causeway is no longer required, portions of the causeway shall be removed and the streambed and banks shall be restored to original grades and conditions to the satisfaction of the Engineer. An exception is Causeway, Location 3, which will remain in-service after completion of the contract. Contractor shall implement measures to provide soil erosion and sedimentation control procedures and measures to prevent any sediment from getting transported downstream.

ALTERNATE CAUSEWAY BY CONTRACTOR
If desired, the Contractor may choose to implement a causeway alternative provided the Contractor is able to submit applications and obtain all the required permits in a timely manner. An alternate causeway and/or temporary bridge plan would then need to be submitted to the Engineer for acceptance. Alternate causeway and temporary bridge designs are subject to the requirements of this item, and to the requirements of the regulatory agencies, and shall be signed and sealed by a Structural Engineer licensed in the State of Illinois. The Contractor is fully responsible for the design of the temporary river access and is not limited to the system shown on the plans, and may propose other systems.

The Contractor shall be solely responsible for preparing and submitting any additional information, exhibits and plans necessary to revise the existing permit prior to construction activities in the waterways, including all information related to site-specific information that deviates from information previously submitted by the Illinois Tollway for the purpose of securing the permit for

this project. The Contractor is alerted to the fact that deviations from the site-specific information previously submitted for permit approval could result in significant delays with respect to securing the necessary permits for construction in the waterway. No extension of time or compensation will be granted to the Contractor as a result of any delay in securing the permit resulting from deviations in the site-specific information related to the Contractor's proposal.

Construction of the Mile Long Bridge will involve work in the waterways that requires both Federal

RESPONSES TO PLAN HOLDERS

1. QUESTION: I have been asked by several plan holders to quote out the Horizontal Lifeline Fall Protection System for the above mentioned project (contract). As stated in the spec on pages J-486 thru J488. I cannot find any of this work on the drawings can you tell me or help me find what page in the drawings I can see what the lifeline will attach to and how I will get access for this work?

   RESPONSE: The lifelines are located to the north of Pier 4 between plate girders S8 and S9, and to the north of Pier 19 between beams C8 and C9. See details on Drawing 677 and notes on Drawing 562. Approximate anchor points are depicted on Drawings 823 and 836. Platforms are outlined on Drawings 685 and 696.

2. QUESTION: I am a sub bidding on the reinforcing steel for this project. I need clarification on if the extra reinforcing steel (lap lengths or couplers) will be paid since there are a number of bars, epoxy and stainless that are listed as over 60'-0". My suppliers that will be bidding this do not make bar longer than 60'-0". If this ends up being incidental, at least myself and competitors can make sure we are covered. This could potentially be a lot of unforeseen costs on a rebar sub.

   RESPONSE: See Special Provision "REINFORCEMENT BARS, STAINLESS STEEL" and IDOT Standard Specifications Article 508.08 and Article 508.10.

3. QUESTION: In regards to the Addendum #4 revisions, a portion of the 75th St Ramp C and 75th St calls for Temporary pavement to be installed in Pre-Stage 1. Will this temporary pavement be removed, and when? In addition, the MOT Typical Sections show embankment needed to construct these areas. Can ISTHA please provide cross sections for this work?

   RESPONSE: The temporary pavement will be removed in a future contract. Additional cross sections showing the temporary pavement and embankment along Ramp C & Ramp D are provided in Addendum No. 5.

4. QUESTION: The specification for item JT900074 Utility Protection includes protection of numerous utilities as a lump sum. Special Provision 106, for example, includes details for reinforced concrete protection pads and requires the Contractor to submit to the utility owner any equipment loading over 15,000 axle load. The specification states "loading conditions and protection measures will be evaluated and dictated by Buckeye's Right of Way Department." Utility depths and information to relate loading to require protection is not included in the Contract documents, nor is the Contractor able to ascertain that information on our own or by a site investigation. Therefore the Contract documents include insufficient information to price utility protection as a lump sum. Utility protection has been paid on previous Tollway projects under structural and non-structural protection line items by the SY or SF, or with the use of allowances. Due to the insufficient information provided in the plans, we request that the Tollway create a pay item to be paid by the square yard (or square foot) or an allowance to compensate the contractor for work that is unable to be determined by the plans and specifications.

   RESPONSE: The UTILITY PROTECTION Special Provision has been updated and a new Pay Item, JT154116 ALLOWANCE FOR UTILITY LINE PROTECTION, has been added to the contract.

5. QUESTION: Please specify a list of certification agencies the Illinois Tollway will accept for DBE/VOSB vendors for this project.

   RESPONSE: The following certifications are allowed for participation per the Tollway Special Provision for Disadvantaged Business Enterprise (DBE) and the Special Provision – Veteran Small Business Participation and Utilization Plan - Construction:

   DBE:

   • Illinois Unified Certification Program (ILUCP) – DBE Certifications (includes Illinois Department of Transportation (IDOT), Chicago Transit Authority (CTA), Metra, Pace and City of Chicago)

   • City of Chicago Minority Business Enterprise (MBE) and Women-Owned Business Enterprise (WBE) Certification

   • Cook County Minority Business Enterprise (MBE) and Women-Owned Business Enterprise (WBE) Certification

   • U.S. Small Business Administration 8(a) Business Development Program Certification

   Veteran:

   • Currently certified with the Illinois Department of Central Management Services as VOSB or SDVOSB.

6. QUESTION: Are the DBE and VOSB goals calculated off of the "TOTAL AMOUNT OF CORE WORK" or "TOTAL AMOUNT OF BASE BID" value?

   RESPONSE: TOTAL AMOUNT OF THE CORE WORK per the Tollway Special Provision for Disadvantaged Business Enterprise (DBE), Section 4.

7. QUESTION: Please confirm that the relocated fiber optic cables are to be attached to messenger that is to be installed into the bottom of the bridge deck under the current parapet wall, and not between bridge beams? If not, the bridge piers interfere with the proposed installation space for the temporary fiber / lashing machine.

   RESPONSE: Yes, the messenger will be below the outside overhang/parapet, not in between bridge beams, as shown in Sheet ITS-38.

8. QUESTION: Pay Item JT160232, Quantity 10,608 LF...is this for removal of the existing fiber optic duct on the outside for the north parapet wall? ITS Removal plans only state there is one (1) 6" FRE existing (Conduit Description H1) so it seems the quantity is doubled...please advise.

   RESPONSE: There is one (1) 6" FRE existing duct as well as (1) 8" FRE existing duct. The quantity is reflective of these locations.

9. QUESTION: Pay Item JT160236, Quantity 79,609 LF...is this for removal of the existing fiber optic duct on the outside for the north parapet wall, inside the existing FRE conduit? ITS Removal plans only state there are six(6) 1-1/4" CNC conduits existing (Conduit Description C) so it seems the quantity is incorrect or there are fifteen(15) existing conduits...please advise.

   RESPONSE: There are another (9) 1 ¼" CNC conduits inside an 8" FRE attached to the bridge shown on Sheets ITS-7 to ITS-11. The quantity is reflective of these locations.

10. QUESTION: What is the proposed spacing (horizontally) between messengers?

    RESPONSE: Maintain 1' spacing at attachment points as per the "INSTALL FIBER OPTIC CABLE, SINGLE MODE" Special Provision.

11. QUESTION: Sheet ITS-38, Note 4 states that a maximum of two(2) aerial fibers are to be lashed to one(1) messenger, and Note 1 states actual quantity of aerial fiber cables are to be determined. Please specify how many aerial fibers are to be installed, so we know how many messenger cables need to be installed.

    RESPONSE: As shown on Sheets ITS-14 to ITS-19, there will be a total of (3) aerial fiber optic cables, so two messenger cables will be needed.

12. QUESTION: Sheet ITS-14 shows a 70' wood pole at station 1094-85, but Sheet ITS-21 shows a pole at this location as 90'. Please clarify the size of this wood pole.

    RESPONSE: The pole is 70'. Updated in Addendum 4.

13. QUESTION: For the temporary aerial fiber shown on the temporary ITS plans, where will the messenger wire attached to wood poles be paid for? There does not appear to be a pay item, please provide a pay item and quantity.

    RESPONSE: Messenger wire and all hardware will be paid for under the INSTALL FIBER OPTIC CABLE, SINGLE MODE special provision, as stated therein. Pay Items JT160356 & JT160378.

14. QUESTION: For the temporary aerial fiber (on wood poles or under the bridge) shown on the temporary ITS plans; will this aerial cable be removed on this contract? Where will this removal be paid for?

    RESPONSE: Yes, some portions of the temporary aerial fiber (as well as underground temporary fiber) will be removed in this contract as noted on the plans. Pay Items X8951011 (for aerial fiber on poles) and XX003453 (for aerial fiber on the bridge) will be used for payment. The other portions of temporary aerial fiber will be removed as part of a future contract.

15. QUESTION: For the temporary aerial fiber attached to the underside of the bridge; where will the messenger wire and bridge attachment hardware (i.e. wall strap attachments and tangent clamp assemblies) be paid for? There does not appear to be a pay item, please provide a pay item and quantity.

    RESPONSE: Messenger wire and all hardware will be paid for under the INSTALL FIBER OPTIC CABLE, SINGLE MODE special provision, as stated therein. Pay Items JT160356 & JT160378.

16. QUESTION: There are some conduit runs on the temporary and proposed ITS plan sheets with a specific conduit/cable assembly according to the conduit/cable description legend on ITS-1 which are grayed out and not bolded (specifically plan Sheets ITS-13 & ITS-20). Are these just shown for reference and to be installed by others on other contracts?

    RESPONSE: Yes, these are just shown for reference.

17. QUESTION: Will the messenger wire mounted below the bridge deck be allowed to sag? A lashing machine need +/- 12" clear space to operate, or is it the Tollways intent for this to be hand-lashed?

    RESPONSE: Means and methods used for installation will not be specified. As stated in the "INSTALL FIBER OPTIC CABLE, SINGLE MODE" Special Provision, minimize sag while installing per manufacturer's recommendations.

18. QUESTION: In the location where we are to install the 4-8" FRE conduit assembly attached to the bridge AS WELL AS the 2-4" FRE conduit assembly attached to bridge (under LaGrange Rd Bridge), is it the intent to install both of these hanger assemblies between the same bridge beams?

    RESPONSE: No. The duct packages split at LaGrange Rd Bridge abutments, as shown on Sheet ITS-21 and Sheet ITS-22. Sheet ITS-43 plan view shows the conduits and beams, with a beam separating the ITS power ducts and the ITS communication ducts. LaGrange Rd Bridge structural plans show the separate duct packages hanging between different beams and passing through different openings in the pier and abutment diaphragms.

19. QUESTION: Please confirm Pay Item JT130754 (ELECTRICAL WORK, INTERMEDIATE POWER DISTRIBUTION AND COMMUNICATION FACILITY) shall include the installation of all conduit and stub ups (Sheet ITS-65) and all grounding (Sheet ITS-66) as well as the testing of the conduit systems and grounding only.

    RESPONSE: Confirmed. JT130754 will include installation of all conduit that is terminated within the IPDC building footprint (Sheet ITS-64 note 6, Sheet ITS-65 note 8). The prefabricated building will be installed in a future contract (Sheet ITS-64 note 4, Sheet ITS-65 note 7). IPDC grounding is also paid for under JT130754 (Sheet ITS-66 note 6).

20. QUESTION: Is the Tollway expecting the removal of existing ITS conduit on the north side of the bridge to be completed from the above on the shoulder of I-294?

    RESPONSE: Work shall be performed in accordance with the Special Provisions and applicable Standards. Means and methods used for performing the work will not be specified.

21. QUESTION: Please confirm IPDC building is to be furnished and installed as part of a future contract by others, and not included in Pay Item JT130754 (ELECTRICAL WORK, INTERMEDIATE POWER DISTRIBUTION AND COMMUNICATION FACILITY).

    RESPONSE: Confirmed. The prefabricated building will be installed in a future contract (see Sheet ITS-64 note 4 and Sheet ITS-65 note 7).

22. QUESTION: For Pay Item JT130754 (ELECTRICAL WORK, INTERMEDIATE POWER DISTRIBUTION AND COMMUNICATION FACILITY), please confirm all conduits shown on Sheet ITS-65 shall be included in the cost for this pay item, and that the conduits will NOT be paid for by pay item work.

    RESPONSE: Confirmed. JT130754 will include installation of all conduit that is terminated within the IPDC building footprint (Sheet ITS-64 note 6, Sheet ITS-65 note 8). IPDC grounding is also paid for under JT130754 (Sheet ITS-66 note 6). There is no other electrical work required at the IPDC foundation.

23. QUESTION: Is there a minimum separation requirement for power and fiber optic conduits to be installed in trenches and/or directionally bored?

    RESPONSE: No minimum requirements are specified in ITS standards.

24. QUESTION: Will the Railroad ROW/intermodal yards/shipping facilities be available for the contractors use for removal of existing ITS conduit, and installation/removal of temporary messenger wire & fiber optic cable, and permanent ITS package?

    RESPONSE: Proposed easements are shown in the plans, restrictions are described in SP 106, and projected or actual acquisition dates are indicated in SP 118.

25. QUESTION: Will the area on both sides of the Des Plains River and I&M Canal be available for the contractors use for removal of existing ITS conduit, and installation/removal of temporary messenger wire & fiber optic cable, and permanent ITS package?

    RESPONSE: Existing and proposed easements are shown in the plans, restrictions are described in SP 106, and projected or actual acquisition dates are indicated in SP 118.

26. QUESTION: Sheet ITS-44 notes an expansion joint is required every 200' in FRE conduit...do these also require a deflection fitting?

    RESPONSE: No.

27. QUESTION: What is the desired length from the bottom of bridge deck to the top of the FRE conduit ductbank? (See Sheet ITS-45).

    RESPONSE: Varies. See Sheet ITS-44 Note 5 and Sheet ITS-45 Notes 6, 7, 12. See structural plans for details regarding cross frames and diaphragms at piers, including but not limited to Sheets SA-300 to SA-310, SA-312 and SA-313.

28. QUESTION: Please confirm the 100' monopole and associated CCTV equipment is not included in this contract, only the concrete foundation.

    RESPONSE: Confirmed.

29. QUESTION: Conduits shown on plan Sheets ITS-62-64 are separated approximately 6-8'...please confirm these can be installed in a narrower common trench and splayed out to necessary handholes at required location.

    RESPONSE: Confirmed. The conduits can be installed in a common trench and splayed out to necessary handholes at the required locations.

30. QUESTION: Are breakaway devices / transformer bases incidental to ground mounted light poles? If not, please provide pay item and quantity.

    RESPONSE: Yes, per Illinois Tollway Supplemental Specifications Article 830.03.

31. QUESTION: Is Pay Item X0325815 used for removal of both IDOT and ISTHA maintained lighting cable?

    RESPONSE: Pay Item X0325815 is used for removal of ISTHA lighting as well as BNSF intermodal yard lighting.

32. QUESTION: Is Pay Item X0325815 paid per LF of conduit cable is removed from, or per LF of cable removed?

    RESPONSE: Per the Special Provision, "This work will be measured for payment in feet of conduit that cables are removed from (not by the number or total length of cables removed), along the centerline of the conduit."

33. QUESTION: How are light pole foundations on the new section of the mile long bridge paid for?

    RESPONSE: See Note 5 on Drawing 893 regarding the anchor bolts. Concrete and reinforcement paid per designated pay items on the SA-Sheets.

34. QUESTION: How is the contractor compensated for maintenance of lighting, which is not owned by IDOT or ISTHA?

    RESPONSE: Maintenance of all non-Tollway lighting is covered under Pay Item Z0033024 for "MAINTAIN EXISTING LIGHTING SYSTEM".

35. QUESTION: Plan Sheet EL-44...we assume the conduit riser and underground RGS conduit are incidental to the lighting unit pay item, but is the 12"x12"x6" SS junction box incidental?

    RESPONSE: 12"x12"x6" SS junction box is paid for under Pay Item JS813055 for 'JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"'.

36. QUESTION: Are the 18"x18"x6" SS junction boxes shown on plan Sheet EL-46 incidental to the lighting unit item?

    RESPONSE: No, those junction boxes are paid for under Pay Item for JT813014, 'JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 6"'.

37. QUESTION: Are any temporary lighting units / wood poles to be removed? If so, please provide a removal pay item with quantity.

    RESPONSE: No

38. QUESTION: What location/device is the WIRELESS COMMUNICATIONS, ITS ASSEMBLY to be installed (Pay Item JT132835)?

    RESPONSE: This will be installed in the RWIS RPU enclosure, per Sheet ITS-54, Note 1.

39. QUESTION: Is the RWIS RPU enclosure incidental to the RWIS pay item, or paid separately?

    RESPONSE: It is incidental, per Sheet ITS-51, Note 1.

40. QUESTION: Would ISTHA consider changing the ITS concrete encased duct package to multiple larger PVC conduits, with 1.5" innerduct pulled into the larger PVC?

    RESPONSE: No.

41. QUESTION: Is existing material suitable for backfill above the ITS concrete encased duct package, or will new material be required?

    RESPONSE: Backfill material shall be per Article 810.04 of the Standard Specifications.

42. QUESTION: Please provide plans/detail drawings associated with Pay Item JT135200 PLAZA LANE CONVERSION.

    RESPONSE: The contractor shall perform this work in accordance with Special Provision "PLAZA LANE CONVERSION".

43. QUESTION: Are the ground rods associated with the locate posts incidental to the locate post item or the handhole item?

    RESPONSE: The ground rods are incidental to the locate post, per the "LOCATE / WARNING CABLE MARKER SIGN POST FOR OPTIC FIBER CABLE" Special Provision.

44. QUESTION: The description for Pay Item JT160236 (Quantity 79,609 LF) says this is for removal of underground conduit...is it really the Tollway's intent for the contractor to dig up 80,000 linear feet of conduit. This seems to be unnecessary and could be extremely costly.

    RESPONSE: This item is for removal of existing conduit innerducts attached to the existing bridge structures. "CONDUIT REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, COILABLE NONMETALLIC, NO SALVAGE" Special Provision has been modified accordingly.

45. QUESTION: Does embedded PVC conduit require PVC coated RGS expansion/deflection fittings with a stainless steel nipple? Past ISTHA project have had a detail for this in the plans but they are not included in the 4430 plan set.

    RESPONSE: Yes, per Illinois Tollway Standard H3-05.

46. QUESTION: Does embedded PVC conduit require and expansion AND deflection fitting, or only an expansion fitting.

    RESPONSE: Embedded PVC conduit requires an expansion and deflection fitting, per Illinois Tollway Standard H3-05.

ADDENDUM NO. 4
TO
CONTRACT REQUIREMENTS
FOR CONTRACT I-18-4430
ILLINOIS STATE TOLL HIGHWAY AUTHORITY

Date: March 12, 2019

For which proposals will be received by the Illinois State Toll Highway Authority at its offices, 2700 Ogden Avenue, Downers Grove, Illinois 60515 until 10:30 A.M. local time, **April 4, 2019.**

NOTICE OF REVISION TO CONTRACT

NOTES:

1. A complete set of Schedule of Prices is included with this Addendum and must be inserted into the Contract Proposal by the Bidder. The Bidder's attention is called to pages P-5RR, P-6R, P-7R, P-8RR, P-9RR, P-11R through P-14R, P-15RR, P-16R through P-20R, P-21RR, P-22R, P-23R, P-25R through P-33R, P-34RR, P-35R through P-37R, P-39R, P-40R, and P-42R which have been revised and included as part of the Schedule of Prices.

2. The following revised Special Provision pages are included with this Addendum: J-iR through J-viiiR, J-xR, J-18RR, J-19R, J-23R, J-30R, J-36R, J-81R through J-100R, J-189R, J-192R, J-230R, J-231R, J-237R, J-323R, J-342R through J-346R, J-378R, J-379R, J-413R, J-416R, J-418R, J-432R through J-435R, J-444R, J-445R, J-569R, J-572R, J-709R, J-715R, J-806R, J-807R, J-869R through J-889R, GBSP-1R, and GBSP-30R through GBSP-35R.

3. The following new Special Provision pages are included with this Addendum: J-259A through J-259H, J-334A, J-447A, J-557A, J-564A through J-564D, J-696A through J-696C, J-712A, J-785A, J-785B, J-821A through J-821E, J-823A through J-823H, and J-894A through J-894F.

4. The following revised Contract Drawings are included with this Addendum:
   Volume 1 – Drawings 8, 9, 161 through 166, 187, and 201.
   Volume 2 – Drawings 254, 260, 267, 286, 420, 432, 436, 438, 439, 443, and 481.
   Volume 3 – Drawings 501, 510, 511, 519, 527, 562, 605, 606, 631 through 634, 651, 652, 678, 681, and 682.
   Volume 4 – Drawing 818 through 824, 839, 884, and 885.
   Volume 5 – Drawing 1099, 1101, 1182, 1196, 1197, and 1205.
   Volume 6 – Drawings 1354, 1363, 1382, 1383, 1385, 1386, 1396, and 1409.

5. The following new Contract Drawings are included with this Addendum:
   Volume 1 – Drawings 160A through 160D, and 166A through 166C.

6. Revised Contract Drawings 10 through 16 will be issued to the successful Bidder. The revised drawings will reflect the quantity changes shown in the "Summary of Revisions to Pay Item Quantities" table included in this addendum.

7. The following revised Contract Drawings will be issued to the successful Bidder.
   Volume 1 – Drawings 87, 98, 110, 121, 122, 133, and 160.
   Volume 2 – Drawings 272-275, 278, 280, 285, 293, 300, and 379.
   Volume 3 – Drawings 494, 546, 549, 560, 561, 607, 613, 615, 617, 619, 621, 623, 625, 627, 629, 635, 637, 640, 643, 646, 649, 653, 656, 658, 661, 664, 667, 670, and 673.
   Volume 4 – Drawings 825 through 838, 886 through 889, 891, and 916.
   Volume 7 – Drawings 1637 through 1639.

8. Responses to Plan Holder questions are included in this Addendum.

CHANGES TO THE SCHEDULE OF PRICES

SUMMARY OF REVISIONS TO PAY ITEMS QUANTITIES

SP PROV	PAY ITEM NO.	DESCRIPTION	UNIT	ORIGINAL QUANTITIY	CHANGE	NEW QUANTITIY
*	20200100	EARTH EXCAVATION	CU YD	67,020	164	67,184
	20400800	FURNISHED EXCAVATION	CU YD	114,635	1,015	115,650
	20800150	TRENCH BACKFILL	CU YD	6,227	449	6,676
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	2,696	-55	2,641
	44000100	PAVEMENT REMOVAL	SQ YD	29,395	282	29,677
	44004250	PAVED SHOULDER REMOVAL	SQ YD	28,725	1,498	30,223
	44200569	CLASS A PATCHES, TYPE III, 11 INCH	SQ YD	50	26	76
	50800105	REINFORCEMENT BARS	POUND	941,590	9,250	950,840
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,957,420	290	1,957,710
	51201800	FURNISHING STEEL PILES HP14X73	FOOT	2,076	16	2,092
	51202305	DRIVING PILES	FOOT	15,702	16	15,718
	55100900	STORM SEWER REMOVAL 18"	FOOT	456	30	486
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	5	1	6
	60253000	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	14	2	16
BDE	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	160,640	16,193	176,833
	81800400	AERIAL CABLE, 4-1/C NO. 2 WITH MESSENGER WIRE	FOOT	11,318	320	11,638
*	89000200	TEMPORARY TRAFFIC SIGNAL INSTALLATION	L SUM	0	1	1
*	X0326458	PAVEMENT REPLACEMENT, SPECIAL	SQ YD	108	168	276
*	X6026622	VALVE VAULTS TO BE REMOVED	EACH	2	1	3
BDE	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	45,527	5,398	50,925
*	Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	57,790	-57,790	0
*	Z0062456	TEMPORARY PAVEMENT	SQ YD	3,225	-55	3,170
*	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	0	1	1
*	JA000218	DUCTILE IRON WATER MAIN, 14", RESTRAINED JOINT PIPE	FOOT	178	171	349
*	JA000481	ABANDON EXISTING WATER MAIN IN PLACE, 14"	FOOT	185	194	379
*	JI251010	EROSION CONTROL BLANKET, BIODEGRADABLE NETTING	SQ YD	164,723	825	165,548
*	JI406037	MATERIAL TRANSFER DEVICE	TON	3,606	345	3,951
*	JI406048	STONE MATRIX WARM MIX ASPHALT SURFACE FRICTION COURSE, IL-12.5, N80	TON	2,031	417	2,448
*	JI485020	TEMPORARY PAVEMENT, CLASS 2	SQ YD	20,592	-500	20,092
*	JI485030	TEMPORARY PAVEMENT, CLASS 3	SQ YD	19,146	3,286	22,432
DSE	JI501030	REMOVAL OF EXISTING CONCRETE PIER PROTECTION BARRIER	FOOT	0	60	60
*	JI550100	TEMPORARY STORM SEWER, CLASS A, 12"	FOOT	1,245	118	1,363

* Denotes Special Provision

SUMMARY OF REVISIONS TO PAY ITEMS QUANTITIES

SP PROV	PAY ITEM NO.	DESCRIPTION	UNIT	ORIGINAL QUANTITIY	CHANGE	NEW QUANTITIY
*	JI550102	TEMPORARY STORM SEWER, CLASS A, 15"	FOOT	413	168	581
*	JI550104	TEMPORARY STORM SEWER, CLASS A, 18"	FOOT	174	30	204
*	JI601300	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	408	13	421
*	JI602230	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (TEMPORARY)	EACH	6	3	9
*	JI602231	INLETS, TYPE A, TYPE 20A FRAME AND GRATE	EACH	12	-2	10
*	JI602235	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID (TEMPORARY)	EACH	5	2	7
*	JI602237	INLETS, TYPE B, TYPE 20A FRAME AND GRATE	EACH	7	-1	6
*	JI680120	SLOPED HEADWALL TYPE III, 6", 1:3	EACH	5	1	6
*	JI680122	SLOPED HEADWALL, TYPE III, 15", 1:3	EACH	2	1	3
*	JI680132	SLOPED HEADWALL TYPE III, 15", 1:4	EACH	1	1	2
*	JI704012	FURNISH AND INSTALL TEMPORARY CONCRETE BARRIER, TO REMAIN IN PLACE	FOOT	17,325	-259	17,066
*	JI704014	RELOCATE TEMPORARY CONCRETE BARRIER, TO REMAIN IN PLACE	FOOT	39,200	812	40,012
*	JI706282	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3, TO REMAIN IN PLACE	EACH	4	1	5
*	JI706331	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3, TO REMAIN IN PLACE	EACH	6	2	8
*	JI782022	BARRIER WALL REFLECTORS, TYPE C	EACH	1,691	-10	1,681
*	JI830205	TEMPORARY WOOD POLE, 90 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	46	1	47
*	JI830210	TEMPORARY WOOD POLE, 90 FT., CLASS 2, TO REMAIN IN PLACE	EACH	0	2	2
**	JS120720	ENERGY ATTENUATOR REMOVAL	EACH	0	1	1
**	JS280050	SILT FENCE	FOOT	16,576	600	17,176
*	JS503160	DIAMOND GRINDING AND SURFACE SMOOTHNESS FOR BRIDGE SECTIONS	SQ YD	0	57,790	57,790
**	JS810837	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	130	-86	44
**	JS810839	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	1,682	-156	1,526
**	JS810875	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	2,362	495	2,857
**	JS810879	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	1,096	50	1,146
**	JS814002	HEAVY-DUTY HANDHOLE, TOLLWAY	EACH	24	1	25
**	JS816076	UNIT DUCT, WITH 4-1/C NO. 2 AND 1/C NO. 4 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	FOOT	5,988	252	6,240
**	JS817213	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	17,877	336	18,213
**	JS817215	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	1,568	38	1,606
**	JS817218	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	FOOT	396	-288	108
**	JS817219	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4/0	FOOT	3,809	152	3,961
*	JS821009	TEMPORARY LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750WATT	EACH	67	1	68
**	JS830033	TEMPORARY WOOD POLE, 70 FT., CLASS 3	EACH	1	-1	0

* Denotes Special Provision

SUMMARY OF REVISIONS TO PAY ITEMS QUANTITIES

SP PROV	PAY ITEM NO.	DESCRIPTION	UNIT	ORIGINAL QUANTITIY	CHANGE	NEW QUANTITIY
**	JS842085	REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	77	1	78
**	JS842105	POLE FOUNDATION, REMOVED	EACH	44	1	45
*	JT135042	WEBCAM	EACH	0	2	2
*	JT154055	CONTRACT ALLOWANCE FOR BRIDGE DECK PATCHING AND TRAFFIC CONTROL	UNIT	4,000,000	-4,000,000	0
*	JT154070	CONTRACT ALLOWANCE FOR EMERGENCY BRIDGE DECK REPAIRS AND TRAFFIC CONTROL	UNIT	0	1,000,000	1,000,000
*	JT154102	ALLOWANCE FOR RAILROAD FLAGGING	UNIT	2,500,000	500,000	3,000,000
*	JT160385	MULTI MODE FIBER OPTIC CABLE, IN CONDUIT, TOLLWAY FURNISHED	FOOT	2,118	-123	1,995
DSE	JT190148	TRUCK MOUNTED ATTENUATOR	HOUR	0	1,680	1,680
*	JT211A08	SUBGRADE AGGREGATE 9 IN.	CU YD	3,706	2,586	6,292
*	JT211A11	SUBGRADE AGGREGATE 12 IN.	CU YD	16,548	2,288	19,274
*	JT442300	PARTIAL DEPTH BRIDGE DECK AND APPROACH SLAB ASPHALT REPAIR	SQ YD	0	70	70
*	JT503400	FAST DECK SLAB REPAIR (PARTIAL) - (SPECIAL)	SQ YD	0	140	140
*	JT503410	FAST DECK SLAB REPAIR (FULL DEPTH, TYPE 1)	SQ YD	0	20	20
*	JT503430	FAST APPROACH SLAB REPAIR (PARTIAL) - (SPECIAL)	SQ YD	0	10	10
*	JT508010	REINFORCEMENT BARS, STAINLESS STEEL	POUND	6,139,830	34,340	6,174,170
*	JT546000	TELEVISION INSPECTION OF SEWER	FOOT	6,556	6,000	12,556
DSE	JT701021	MAINTENANCE OF TRAFFIC, DAILY ONE LANE CLOSURE, STANDARD E2	EACH	0	34	34
DSE	JT701026	MAINTENANCE OF TRAFFIC, DAILY TWO LANES CLOSURE, STANDARD E2	EACH	0	18	18
DSE	JT701028	MAINTENANCE OF TRAFFIC, DAILY THREE LANES CLOSURE, STANDARD E2	EACH	0	18	18
*	JT783005	WATERBLAST PAVEMENT MARKING REMOVAL WITH VACUUM RECOVERY	SQ FT	71,615	1,700	73,315
*	JT810871	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, RIBBED, 1 1/2" DIA.	FOOT	35,889	-246	35,643
*	JT810876	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 2" DIA.	FOOT	3,683	63	3,746
*	JT810878	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 3" DIA.	FOOT	1,982	38	2,020
*	JT830028	INSTALL WOOD POLE, 70 FEET, CLASS 2	EACH	1	1	2
*	JT830030	INSTALL WOOD POLE, 90 FEET, CLASS 2	EACH	2	-1	1
*	JT901056	LOCATOR TRACER WIRE	FOOT	19,380	-123	19,257
	999NEG47	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.4	CAL DAY			

* Denotes Special Provision

Change #1: Contract Requirements, Volume I, replace pages P-5R, P-6, P-7, P-8R, P-9R, P-11 through P-14, P-15R, P-16 through P-20, P-21R, P-22, P-23, P-25 through P-33, P-34R, P-35 through P-37, P-39, P-40, and P-42 with pages P-5RR, P-6R, P-7R, P-8RR, P-9RR, P-11R through P-14R, P-15RR P-16R through P-20R, P-21RR, P-22R, P-23R, P-25R through P-33R, P-34RR, P-35R through P-37R, P-39R, P-40R, and P-42R (attached).
-All P-Pages have been included for reference.

This replacement contains the following revisions:

1.1 Revised quantities as noted in the SUMMARY OF REVISIONS TO PAY ITEMS QUANTITIES table above.
1.2 Added the pay item TEMPORARY TRAFFIC SIGNAL INSTALLATION (89000200).
1.3 Deleted the pay item DIAMOND GRINDING (BRIDGE SECTION) (Z0029090).
1.4 Added the pay item TEMPORARY TRAFFIC SIGNAL TIMING (Z0073510).
1.5 Added the pay item REMOVAL OF EXISTING CONCRETE PIER PROTECTION BARRIER (JI501030).
1.6 Added the pay item TEMPORARY WOOD POLE, 90 FT., CLASS 2, TO REMAIN IN PLACE (JI830210).
1.7 Added the pay item ENERGY ATTENUATOR REMOVAL (JS120720).
1.8 Added the pay item DIAMOND GRINDING AND SURFACE SMOOTHNESS FOR BRIDGE SECTIONS (JS503160).
1.9 Deleted the pay item TEMPORARY WOOD POLE, 70 FT., CLASS 3 (JS830033).
1.10 Added the pay item WEBCAM (JT135042).
1.11 Deleted the pay item CONTRACT ALLOWANCE FOR BRIDGE DECK PATCHING AND TRAFFIC CONTROL (JT154055).
1.12 Added the pay item CONTRACT ALLOWANCE FOR EMERGENCY BRIDGE DECK REPAIRS AND TRAFFIC CONTROL (JT154070).
1.13 Added the pay item TRUCK MOUNTED ATTENUATOR (JT190148).
1.14 Added the pay item PARTIAL DEPTH BRIDGE DECK AND APPROACH SLAB ASPHALT REPAIR (JT442300).
1.15 Added the pay item FAST DECK SLAB REPAIR (PARTIAL) - (SPECIAL) (JT503400).
1.16 Added the pay item FAST DECK SLAB REPAIR (FULL DEPTH, TYPE 1) (JT503410).
1.17 Added the pay item FAST APPROACH SLAB REPAIR (PARTIAL) - (SPECIAL) (JT503430).
1.18 Added the pay item MAINTENANCE OF TRAFFIC, DAILY ONE LANE CLOSURE, STANDARD E2 (JT701021).
1.19 Added the pay item MAINTENANCE OF TRAFFIC, DAILY TWO LANES CLOSURE, STANDARD E2 (JT701026).
1.20 Added the pay item MAINTENANCE OF TRAFFIC, DAILY THREE LANES CLOSURE, STANDARD E2 (JT701028).
1.21 Added the pay item LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.4 (999NEG47).

CHANGES TO THE CONTRACT SPECIAL PROVISIONS

Change #2: Contract requirements, Volume II-VIII, replace pages J-i through J-viii and J-x with J-iR through J-viiiR and J-xR (attached).

This replacement contains the following revisions:

2.1 Updated Table of Contents to show new special provisions pages added as part of this addendum and revised page numbers for revised special provisions as part of this addendum.

Change #3: Contract requirements, Volume II, replace page J-18R with J-18RR (attached).

This replacement contains the following revisions:

3.1 Revised Contract Completion Date.
3.2 Revised Interim Completion Date.
3.3 Added S.P. 103.4, Interim completion date for Ramp C and Ramp D temporary traffic.

Change #4: Contract requirements, Volume II, replace page J-19 with J-19R (attached).

This replacement contains the following revisions:

4.1 Added requirement to coordinate with Contract I-18-4431.

Change #5: Contract requirements, Volume II, replace page J-23 with J-23R (attached).

This replacement contains the following revisions:

5.1 Added S.P. 105.1.4, Liquidated Damages for Non-Completion per S.P. 103.4.

Change #6: Contract requirements, Volume II, replace page J-30 with J-30R (attached).

This replacement contains the following revisions:

6.1 Revised the IDOT bond amount from $50,000 to $1,000,000.

Change #7: Contract requirements, Volume II, replace page J-36 with J-36R (attached).

This replacement contains the following revisions:

7.1 Revised the flagging fee from $1,000/normal day to $1,300/normal day.

Change #8: Contract requirements, Volume II, replace page J-81 through J-100 with J-81R through J-100R (attached).

This replacement contains the following revisions:

8.1 Replaced the BNSF Railway Contractor Requirements.

Change #9: Contract requirements, Volume II, replace page J-189 with J-189R (attached).

This replacement contains the following revision:

9.1 Delete pay item Z0029090 DIAMOND GRINDING (BRIDGE SECTION) and its incidental work from the table and insert [Not used] in its place.

Change #10: Contract requirements, Volume II, replace page J-192 with J-192R (attached).

This replacement contains the following revision:

10.1 Add pay item JS503160 DIAMOND GRINDING AND SURFACE SMOOTHNESS FOR BRIDGE SECTIONS and its incidental work to the table.

Change #11: Contract requirements, Volume II, replace page J-230 and J-231 with J-230R and J-231R (attached).

This replacement contains the following revisions:

11.1 Revised project Acquisition Date, Demolition Contract, and Projected Allowable Commencement of Work Dates in the SP 118 table.

Change #12: Contract requirements, Volume II, replace page J-237 with J-237R (attached).

This replacement contains the following revisions:

12.1 In the column labeled DESCRIPTION, replace the text of the fourth item below ROADWAY and BRIDGES with: PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE).

Change #13: Contract requirements, Volume II, add pages J-259A through J-259H (attached).

13.1 New special provision for S.P. TEMPORARY TRAFFIC SIGNAL INSTALLATION, pages J-259A through J-259F.

13.2 New special provision for S.P. MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION, pages J-259G through J-259H.

Change #14: Contract requirements, Volume II, replace page J-323 with J-323R (attached).

This replacement contains the following revisions:

14.1 Delete special provision for S.P. DIAMOND GRINDING AND SURFACE TESTING BRIDGE SECTIONS, SPECIAL and insert THIS PAGE INTENTIONALLY BLANK page in its place.

Change #15: Contract requirements, Volume II, add page J-334A (attached).

15.1 New special provision for S.P. TEMPORARY TRAFFIC SIGNAL TIMING.

Change #16: Contract requirements, Volume II, replace pages J-342 through J-346 with J-342R through J-346R (attached).

This replacement contains the following revisions:

16.1 Revise sections of the special provision to make clear that temporary earth retention system for installation of proposed water main or removal of existing water main shall be designed by the contractor and its cost is included in the unit price of water main installed or removed.

Change #17: Contract requirements, Volume III, replace page J-378 through J-379 with J-378R through J-379R (attached).

This replacement contains the following revisions:

17.1 Revised Description, Construction Requirements, and Method of Measurements to add that this work shall consist of placing all mainline full-depth asphalt pavement mixtures after placement of the first seven inches of asphalt.

17.2 Revised Construction Requirements to exclude bridge decks.

17.3 Revised Construction Requirements to state that a material transfer device can be used on partially completed segments of full-depth asphalt pavement where the thickness of binder in place is 6.25 inches or greater with the following conditions; MTD tire pressure is less than 80psi and the total axle load (fully loaded) is less than 64,000 lbs.

17.4 Revised Construction Requirements to state that if the materials transfer device is operating on a concrete pavement, it shall remain 4 feet away from the free edge of the concrete pavement. This distance is measured from center of tire to edge of pavement. A free edge is defined as a longitudinal pavement joint not tied to a concrete pavement lane or shoulder.

Change #18: Contract requirements, Volume III, replace page J-413 with J-413R (attached).

This replacement contains the following revision:

18.1 In the third paragraph under METHOD OF MEASUREMENT delete reference to IDOT GBSP59 and insert reference to special provision DIAMOND GRINDING AND SURFACE SMOOTHNESS TESTING FOR BRIDGE SECTIONS (Illinois Tollway) in its place.

Change #19: Contract requirements, Volume III, replace page J-416 with J-416R (attached).

This replacement contains the following revision:

19.1 In the third paragraph under "Revise Article 420.09(e)(1) of the Standard Specifications to read:" delete reference to Diamond Grinding (Bridge Section) and insert Diamond Grinding and Surface Smoothness for Bridge Sections in its place.

Change #20: Contract requirements, Volume III, replace page J-418 with J-418R (attached).

This replacement contains the following revision:

20.1 In the third paragraph under METHOD OF MEASUREMENT delete reference to IDOTs GBSP59 and insert reference to special provision DIAMOND GRINDING AND SURFACE SMOOTHNESS TESTING FOR BRIDGE SECTIONS (Illinois Tollway) in its place.

Change #21: Contract requirements, Volume III, replace page J-432 through J-435 with J-432R through J-435R (attached).

This replacement contains the following revisions:

21.1 New Illinois Tollway Special Provision for S.P. SURFACE SMOOTHNESS TESTING.

Change #22: Contract requirements, Volume III, replace page J-444 through J-445 with J-444R through J-445R (attached).

This replacement contains the following revisions:

22.1 Revised Description to state the shoulder surface shall be a Stone Matrix Asphalt (SMA) and the shoulder binder courses shall be an IL-19.0 N70 binder and an IL-19.0 N50 binder.

22.2 Revised Materials to include Stone Matrix Warm Mix Asphalt and N70 Binder Mixture.

22.3 Revised Materials to state the -12 °C. DCT test is to be performed by an AASHTO Resource accredited laboratory.

22.4 Revised Material to remove N70 Surface Mixture.

22.5 Revised Basis of Payment to only add the following to Article 482.08 of the Standard Specifications: WARM-MIX ASPHALT SHOULDERS, SPECIAL of the specified thickness will be paid for under its respective item.

Change #23: Contract requirements, Volume III, add pages J-447A (attached).

23.1 New special provision for S.P. REMOVAL OF EXISTING CONCRETE PIER PROTECTION BARRIER.

Change #24: Contract requirements, Volume III, add pages J-557A (attached).

24.1 New special provision for S.P. TEMPORARY WOOD POLE, TO REMAIN IN PLACE.

Change #25: Contract requirements, Volume III, add pages J-564A through J-564D (attached).

25.1 New special provision for S.P. DIAMOND GRINDING AND SURFACE SMOOTHNESS TESTING FOR BRIDGE SECTIONS (Illinois Tollway).

Change #26: Contract requirements, Volume III, replace page J-569 with J-569R (attached).

This replacement contains the following revisions:

26.1 Revised Allowable Lane Closures to add a requirement not allowing full lane closures during Friday and Saturday night-time hours.

Change #27: Contract requirements, Volume III, replace page J-572 with J-572R (attached).

This replacement contains the following revision:

27.1 In the second paragraph under METHOD OF MEASUREMENT add ", unless noted or specified elsewhere".

27.2 Add a third paragraph under METHOD OF MEASUREMENT.

Change #28: Contract requirements, Volume III, add pages J-696A through J-696C (attached).

28.1 New special provision for S.P. WEBCAM.

Change #29: Contract requirements, Volume III, replace page J-709 with J-709R (attached).

This replacement contains the following revisions:

29.1 Delete special provision for S.P. CONTRACT ALLOWANCE FOR BRIDGE DECK PATCHING (Illinois Tollway) and insert THIS PAGE INTENTIONALLY BLANK page in its place.

Change #30: Contract requirements, Volume III, add page J-712A (attached).

30.1 New special provision for S.P. CONTRACT ALLOWANCE FOR EMERGENCY BRIDGE REPAIRS AND ASSOCIATED TRAFFIC CONTROL.

Change #31: Contract requirements, Volume III, replace page J-715 with J-715R (attached).

This replacement contains the following revisions:

31.1 Deleted JI630002 from the list of applicable pay item numbers

Change #32: Contract requirements, Volume IV, add pages J-785A through J-785B (attached).

32.1 New special provision for S.P. TRUCK-MOUNTED ATTENUATOR.

Change #33: Contract requirements, Volume IV, replace pages J-806 and J-807 with J-806R and J-807R (attached).

This replacement contains the following revisions:

33.1 Added requirements for notifying USACE about fish barrier removal.

33.2 Added requirements to estimate duration of labor required to temporarily re-establish the fish barrier.

33.3 Added requirements and instructions to ensure that the mesh is flush with the barrier for the entire height of the barrier.

33.4 Revised requirements for monitoring the river gauge.

33.5 Revised requirements for the Contractor to re-establish the fish barrier.

Change #34: Contract requirements, Volume IV, add pages J-821A through J-821E (attached).

34.1 New special provision for S.P. PARTIAL DEPTH SLAB AND APPROACH SLAB ASPHALT REPAIR (Illinois Tollway).

Change #35: Contract requirements, Volume IV, add pages J-823A through J-823H (attached).

35.1 New special provision for S.P. FAST SET BRIDGE DECK AND APPROACH SLAB REPAIR (SPECIAL), page J-823A through J-823F.

35.2 New special provision for S.P. FAST SETTING CONCRETE, page J-823G.

35.3 New special provision for S.P. AGGREGATE FOR BASE COURSE RESTORATION, SPECIAL (Illinois Tollway), page J-823H.

Change #36: Contract requirements, Volume IV, replace pages J-869 through J-889 with J-869R through J-889R (attached).

This replacement contains the following revisions:

36.1 New or updated reference standards

36.2 New or updated design requirements including, but not limited to, general requirements; design requirements: general, structural, structure mounted noise abatement walls, ground mounted noise abatement walls, aesthetics, precast concrete; materials: structural steel, fasteners and hardware, access door.

Change #37: Contract requirements, Volume IV, add pages J-894A through J-894F (attached).

37.1 New special provision for S.P. MAINTENANCE OF BRIDGE DECKS, page J-894A through J-894D.

37.2 New special provision for S.P. PROTECTIVE SHIELD (SPECIAL), page J-894E through J-894F.

Change #38: Contract requirements, Volume IV, replace page GBSP-1 with GBSP-1R (attached).

This replacement contains the following revision:

38.1 Delete check mark in front of special provision for S.P. GBSP59 DIAMOND GRINDING AND SURFACE TESTING BRIDGE SECTIONS.

Change #39: Contract requirements, Volume IV, replace pages GBSP-30 through GBSP-35 with GBSP-30R through GBSP-35R (attached).

This replacement contains the following revision:

39.1 Delete special provision pages for S.P. GBSP59 DIAMOND GRINDING AND SURFACE TESTING BRIDGE SECTIONS and insert THIS PAGE INTENTIONALLY BLANK pages in its place.

CHANGES TO THE CONTRACT DRAWINGS

Change #40: Contract Plans, Volume 1, Drawing 8 and 9 – Suggested Progress Schedule (attached).

These drawings contain the following revisions:

40.1 Revised Contract Completion Date.
40.2 Revised Notice to Proceed Date.
40.3 Revised multiple activities affected by the revised Notice to Proceed Date

Change #41: Contract Plans, Volume 1, Drawing 87 – MOT Plan – Pre-Stage 1 Ramp C & Ramp D.

This drawing contains the following revisions to be issued to the successful bidder:

41.1 Relocated "END ROAD WORK SIGN".
41.2 Added work to remove existing guardrail during Pre-Stage 1.

Change #42: Contract Plans, Volume 1, Drawing 98 – MOT Plan – Pre-Stage 2 Ramp C & Ramp D.

This drawing contains the following revisions to be issued to the successful bidder:

42.1 Relocated "END ROAD WORK SIGN".
42.2 Added work to remove existing guardrail during Pre-Stage 1.
42.3 Changed Temporary Impact Attenuator between Ramp C & Ramp D from "17" to "E".

Change #43: Contract Plans, Volume 1, Drawing 110 – MOT Plan – Pre-Stage 3 Ramp C & Ramp D.

This drawing contains the following revisions to be issued to the successful bidder:

43.1 Relocated "END ROAD WORK SIGN".
43.2 Revised Temporary Concrete Barrier Furnish and Relocate limits along Ramp C.

Change #44: Contract Plans, Volume 1, Drawing 121 – MOT Plan – Stage 1– Short Duration Ramp C & Ramp D.

This drawing contains the following revisions to be issued to the successful bidder:

44.1 Relocated "END ROAD WORK SIGN".

Change #45: Contract Plans, Volume 1, Drawing 122 – MOT Plan – Stage 1 Ramp C & Ramp D.

This drawing contains the following revisions to be issued to the successful bidder:

45.1 Relocated "END ROAD WORK SIGN".

Change #46: Contract Plans, Volume 1, Drawing 133 – MOT Plan – Stage 2 Ramp C & Ramp D.

This drawing contains the following revisions to be issued to the successful bidder:

46.1 Relocated "END ROAD WORK SIGN".

Change #47: Contract Plans, Volume 1, Drawing 160 – MOT Notes – Sideroads and Railroads.

This drawing contains the following revisions to be issued to the successful bidder:

47.1 Added Ramp C & Ramp D suggested maintenance of traffic for Mile Long Bridge construction.

Change #48: Contract Plans, Volume 1, Drawing 160A, 160B – MOT Typical Sections – Ramp C & Ramp D (attached).

These new drawings contain the following information:

48.1 Added MOT typical sections for 75th Street Ramp C & Ramp D.

Change #49: Contract Plans, Volume 1, Drawing 160C, 160D –MOT Plan – Bridge Piers – Pre-Stage 1- Ramp C & Ramp D – Temp Pavement Area 1, Area 2, and Area 3 (attached).

These new drawings contain the following information:

49.1 Added MOT details for construction of temporary pavement during Pre-Stage 1 in order to facilitate the construction of Mile Long Bridge.

Change #50: Contract Plans, Volume 1, Drawing 161 –MOT Plan – Bridge Piers – Pre-Stage 2 – Midwest Cargo Drive – Ramp C & Ramp D (attached).

This drawing contains the following revisions:

50.1 Added MOT details to shift traffic onto temporary pavement to the south of bridge pier 26 during the construction of Mile Long Bridge.

Change #51: Contract Plans, Volume 1, Drawing 162 –MOT Plan – Span 23 – Stage 1 – MOW Building Access (attached).

This drawing contains the following revisions:

51.1 Added MOT details to shift traffic temporarily into normal Ramp C & Ramp D configuration.

Change #52: Contract Plans, Volume 1, Drawing 163 –MOT Plan – Span 24 – Stage 1 – MOW Building Access (attached).

This drawing contains the following revisions:

52.1 Added MOT details to maintain normal temporary traffic configuration on Ramp C & Ramp D as shown being installed on sheet MOT-90.

Change #53: Contract Plans, Volume 1, Drawing 164 –MOT Plan – Span 25 – Stage 1 – Midwest Cargo Drive (attached).

This drawing contains the following revisions:

53.1 Added MOT details to maintain normal temporary traffic configuration on Ramp C & Ramp D as shown being installed on sheet MOT-90.

53.2 Revised note "See Note For Intermittent Night Closures on MOT Notes – Sideroads and Railroads Sheet and Spec 106 and 109." to "See Note For Intermittent Night Closures on MOT-88".

Change #54: Contract Plans, Volume 1, Drawing 165 –MOT Plan – Span 26 – Stage 1 - Ramp C & Ramp D (attached).

This drawing contains the following revisions:

54.1 Revised MOT details to shift traffic to the north of bridge pier 26 during the construction of Mile Long Bridge.

54.2 Added the Note "All Temporary Pavement is to Remain in Place for Future Contract 4431".

Change #55: Contract Plans, Volume 1, Drawing 166 –MOT Plan – Span 27 – Stage 1 - Ramp C & Ramp D (attached).

This drawing contains the following revisions:

55.1 Revised MOT details to shift traffic to the south of bridge pier 26 during the construction of Mile Long Bridge.

55.2 Added the Note "All Temporary Pavement is to Remain in Place for Future Contract 4431".

Change #56: Contract Plans, Volume 1, Drawing 166A and 166B – MOT Plan – Temp Signal – 75th Street – Ramp C & Ramp D (attached).

These new drawings contain the following information:

56.1 Added details for temporary traffic signals at the intersection of 75th Street and I-294 Ramp C & Ramp D.

Change #57: Contract Plans, Volume 1, Drawing 166C –Temp Signal – Cable Plan – 75th Street – Ramp C & Ramp D (attached).

This new drawing contains the following information:

57.1 Added details for temporary traffic signal cable plan and temporary phase designation diagram at the intersection of 75th Street and I-294 Ramp C & Ramp D.

Change #58: Contract Plans, Volume 1, Drawing 187 – Roadway Removal Plan – Ramp C (attached).

This drawing contains the following revisions:

58.1 Added paved shoulder removal and pavement removal to accommodate temporary pavement construction as shown in the Maintenance of Traffic plans.

Change #59: Contract Plans, Volume 1, Drawing 201 –Roadway Plan – Ramp C (attached).

This drawing contains the following revisions:

59.1 Added a Class A Patch Type III 11 Inch on Ramp D from Sta. 908+98 to Sta. 909+05 to accommodate temporary drainage.

Change #60: Contract Plans, Volume 2, Drawing 254 – Utility Relocations Bill of Materials (attached).

This drawing contains the following revisions:

60.1 Revised bill of materials pay item 20800150 quantity.

60.2 Revised bill of materials pay item 44000100 quantity.

60.3 Revised bill of materials pay item JA000218 quantity.

60.4 Revised bill of materials pay item JA000481 quantity.

60.5 Revised bill of materials pay item X0326458 quantity.

60.6 Revised bill of materials pay item X6026622 quantity.

Change #61: Contract Plans, Volume 2, Drawing 260 – Utility Plan and Profile Hodgkins 14" Water Main (attached).

This drawing contains the following revisions:

61.1 Revised location, length and limits of the proposed 14" WM relocation.

61.2 Revised the 14" WM profile to the new location, length and limits.

61.3 Added notes for construction sequencing and suggested schedule of construction activities.

Change #62: Contract Plans, Volume 2, Drawing 267 – Utility Schedule Water Main (attached).

This drawing contains the following revisions:

62.1 Revised the proposed watermain schedule based on the revisions to the 14" WM relocation design depicted on sheet UTLP-7.

Change #63: Contract Plans, Volume 2, Drawings 272-275, 278, 280 and 285 – Drainage MOT Plan.

These drawings contain the following revisions to be issued to the successful bidder:

63.1 The temporary drainage inlets and pipes have been adjusted. Locations of the inlets, rim elevations, lengths of some of the pipes and the type of inlets have been modified.

Change #64: Contract Plans, Volume 2, Drawing 286 – Drainage MOT Schedule (attached).

This drawing contains the following revisions:

64.1 The Drainage MOT Structures and Adjustments / Reconstruction Schedule and Drainage MOT Storm Sewer Schedule have been updated due to revisions to the Drainage MOT Plans. The changes are reflected in the revised Schedule of Prices.

Change #65: Contract Plans, Volume 2, Drawing 293 – Existing Drainage and Removal Plan

This drawing contains the following revisions to be issued to the successful bidder:

65.1 An additional 30 FT of STORM SEWER REMOVAL 18" has been added due to Drainage MOT revisions.

Change #66: Contract Plans, Volume 2, Drawing 300 – Drainage Removal Schedule.

This drawing contains the following revisions to be issued to the successful bidder:

66.1 An additional 30 FT of STORM SEWER REMOVAL 18" has been added due to Drainage MOT revisions. The change is reflected in the revised Schedule of Prices.

Change #67: Contract Plans, Volume 2, Drawing 379 – Landscaping & Fencing Plan Sta. 5134+00 to Sta. 5148+00.

This drawing contains the following revisions to be issued to the successful bidder:

67.1 Revised the Double Vehicular Gate, Right-Of-Way Fence, Type 1 to show a width of 26'.

Change #68: Contract Plans, Volume 2, Drawing 420 – ITS Summary of Quantities (attached).

This drawing contains the following revisions:

68.1 Updated quantities associated with changes in equipment location near the Plaza 34B IPDC; conductor and conduit quantities were affected.

68.2 Added pay item JI830210, "TEMPORARY WOOD POLE, 90 FT., CLASS 2, TO REMAIN IN PLACE", with a quantity of 2.

68.3 Added pay item JT135042, "WEBCAM", with a quantity of 2.

68.4 Modified quantity of item JT830028, "INSTALL WOOD POLE, 70 FEET, CLASS 2" from 1 to 2.

68.5 Modified quantity of item JT830030, "INSTALL WOOD POLE, 90 FEET, CLASS 2" from 2 to 1.

Change #69: Contract Plans, Volume 2, Drawing 432 – Temporary ITS Plan, Sta. 5106+00 to Sta. 5120+00 (attached).

This drawing contains the following revisions:

69.1 Added a temporary pole and webcam at Sta. 1113+94 LT 107.

69.2 Added a note regarding the webcam location.

Change #70: Contract Plans, Volume 2, Drawing 436 – Temporary ITS Plan, Sta. 5160+00 to Sta. 5174+00 (attached).

This drawing contains the following revisions:

70.1 Moved ITS and Lighting service transformers & service equipment 78 feet east along Ramp D; e.g., the ITS service transformer moved from Sta. 415+83 to Sta. 415+05.

70.2 Moved handholes for fiber optic communications and power 28 feet east along Ramp D; e.g., the fiber handhole moved from Sta. 415+45 to Sta. 415+17.

70.3 Added a temporary pole and webcam at Sta. 310+56 LT 128.

70.4 Added a note regarding the webcam location.

Change #71: Contract Plans, Volume 2, Drawing 438 – Proposed ITS Plan, Sta. 5093+00 to Sta. 5106+00 (attached).

This drawing contains the following revisions:

71.1 Revised callout for pole at Sta. 5094+91 LT 208 from "90' CLASS 2..." to "70' CLASS 2...".

Change #72: Contract Plans, Volume 2, Drawing 439 – Proposed ITS Plan, Sta. 5106+00 to Sta. 5120+00 (attached).

This drawing contains the following revisions:

72.1 Added at temporary webcam and wood pole at Sta. 5113+75 LT 169.

Change #73: Contract Plans, Volume 2, Drawing 443 – Proposed ITS Plan, Sta. 5160+00 to Sta. 5174+00 (attached).

This drawing contains the following revisions:

73.1 Moved ITS and Lighting service transformers & service equipment 78 feet east along Ramp D; e.g., the ITS service transformer moved from Sta. 415+83 to Sta. 415+05.

73.2 Moved handholes for fiber optic communications and power 28 feet east along Ramp D; e.g., the fiber handhole moved from Sta. 415+45 to Sta. 415+17.

73.3 Added at temporary webcam and wood pole at Sta. 710+72 LT 142.

Change #74: Contract Plans, Volume 2, Drawing 481 – IPDC Details (attached).

This drawing contains the following revisions:

74.1 Moved ITS and Lighting service transformers & service equipment 78 feet east along Ramp D; e.g., the ITS service transformer moved from Sta. 415+83 to Sta. 415+05.

74.2 Moved handholes for fiber optic communications and power 28 feet east along Ramp D; e.g., the fiber handhole moved from Sta. 415+45 to Sta. 415+17.

74.3 Added linework showing the temporary roadway lighting feed from the temporary lighting controller. This does not represent any additional work, just making the drawing more accurate. Item "B" was added to the "Lighting Conduit/Cable Description" legend.

Change #75: Contract Plans, Volume 3, Drawing 494 – Schedule of Roadway Lighting Quantities.

This drawing contains the following revisions to be issued to the successful bidder:

75.1 Updated quantities associated with changes in equipment location near the Plaza 34B IPDC; conductor and conduit quantities were affected.

75.2 Updated quantities associated with the addition of the Temporary Traffic Signal Installation at the intersection of 75th Street and I-294 MLB Ramp C & Ramp D.

Change #76: Contract Plans, Volume 3, Drawing 501 – Temp Lighting Plan, Sta. 5160+00 to 5171+00 (attached).

This drawing contains the following revisions:

76.1 Moved ITS and Lighting service transformers & service equipment 78 feet east along Ramp D; e.g., the ITS service transformer moved from Sta. 415+83 to Sta. 415+05.

76.2 Revised temporary lighting at the intersection of 75th Street and I-294 Ramp C & Ramp D.

76.3 Added maintenance of electrical service connection to light fixtures on the existing southbound structure.

Change #77: Contract Plans, Volume 3, Drawing 510 –Lighting Removal Plan, Sta. 5160+00 to 5171+00 (attached).

This drawing contains the following revisions:

77.1 Removed 7 callouts that said "REMOVE POLE AND REPLACE WITH NEW POLE ON EXISTING FOUNDATION".

77.2 Revised lighting removal at the intersection of 75th Street and I-294 Ramp C & Ramp D.

Change #78: Contract Plans, Volume 3, Drawing 511 – Lighting Removal Plan, Sta. 5171+00 to 1184+00 (attached).

This drawing contains the following revisions:

78.1 Removed 4 callouts that said "REMOVE POLE AND REPLACE WITH NEW POLE ON EXISTING FOUNDATION".

Change #79: Contract Plans, Volume 3, Drawing 519 – Proposed Lighting Plan, Sta. 5160+00 to 5171+00 (attached).

This drawing contains the following revisions:

79.1 Moved ITS and Lighting service transformers & service equipment 78 feet east along Ramp D; e.g., the ITS service transformer moved from Sta. 415+83 to Sta. 415+05.

79.2 Revised proposed lighting at the intersection of 75th Street and I-294 Ramp C & Ramp D.

Change #80: Contract Plans, Volume 3, Drawing 527 – Panel Schedules (attached)

This drawing contains the following revisions:

80.1 Revision to panel schedules for Ex. lighting controller at Sta. 214+32 for 75th Street Temp. Lighting.

Change #81: Contract Plans, Volume 3, Drawing 546 – General Plan and Elevation Unit 1

This drawing contains the following revisions to be issued to the successful bidder:

81.1 IDOT structure number 016-1959 is added to the title block.

Change #82: Contract Plans, Volume 3, Drawing 549 – General Plan and Elevation Unit 4

This drawing contains the following revisions to be issued to the successful bidder:

82.1 Revised water surface elevation and head values for Waterway Table (FEMA).

82.2 Revised Design Scour Elevation values for Design Scour Elevation Table (MWRD) and Design Scour Elevation Table (FEMA).

Change #83: Contract Plans, Volume 3, Drawings 560 and 561 – Total Bill of Material.

These drawings contain the following revisions to be issued to successful bidder:

83.1 Four additional quantity items related with bridge deck patching have been added.

- Partial Depth Bridge Deck and Approach Slab Asphalt Repair
- Fast Deck Slab Repair (Partial) – (Special)
- Fast Deck Slab Repair (Full Depth, Type 1)
- Fast Approach Slab Repair (Partial) – (Special).

83.2 Pay item names and numbers have been changed.

- Change from Z0029090 DIAMOND GRINDING (BRIDGE SECTION) to JS503160 DIAMOND GRINDING AND SURFACE SMOOTHNESS FOR BRIDGE SECTION
- Change from JT154055 CONTRACT ALLOWANCE FOR BRIDGE DECK PATCHING AND TRAFFIC CONTROL to JT154070 CONTRACT ALLOWANCE FOR EMERGENCY BRIDGE REPAIRS AND ASSOCIATED TRAFFIC CONTROL

83.3 Quantities for Reinforcing Bars, Reinforcing Bars - Epoxy Coated, Furnishing Steel Piles HP14x73, Driving Piles, Contract Allowance for Emergency Bridge Repairs and Associated Traffic Control and Reinforcement Bars - Stainless Steel have been changed.

Change #84: Contract Plans, Volume 3, Drawing 562 – General Notes (attached).

This drawing contains the following revision:

84.1 M270 Grade 50, Galvanized steel weight is changed from 291,360 lbs to 292,310 lbs

84.2 M270 Grade 50W steel weight is changed from 9,595,850 lbs to 9,553,400 lbs

Change #85: Contract Plans, Volume 3, Drawing 605 and 606 – South Abutment Wingwalls (attached).

These drawings contain the following revisions:

85.1 Size and length of the bar p2709(E) are changed from #7 bars/22'-0" to #8 bars/22'-3".

85.2 Reinforcing Bar Schedule and Bill of Material are changed: Furnishing Steel Piles HP14x73- change from 2076 LF to 2092 LF; Reinforcing Bars, Epoxy Coated – change from 3360 pounds to 3650 pounds.

Change #86: Contract Plans, Volume 3, Drawing 607, 613, 615, 617, 619, 621, 623, 625, 627, 629, 635, 637, 640, 643, 646, 649, 653, 656, 658, 661, 664, 667, 670, 673 – North Abutment and all related pier plans.

These drawings contain the following revisions to be issued to the successful bidder:

86.1 Remove notes related to permanent casing from foundations which don't specify permanent casing.

86.2 Revised "SEE ARTICLE 516.06(d) OF THE STANDARD SPECIFICATIONS." TO "SEE ARTICLE 516.06 OF THE GBSP FOR DRILLED SHAFTS." for foundations which specify permanent casing.

Change #87: Contract Plans, Volume 3, Drawings 631, 633 and 651 – Pier 10, 11 and 18 Elevation (attached).

These drawings contain the following revisions:

87.1 Spiral sp1001 and sp1101 pitch dimensions have been revised: from 5" to 4 ½" at Pier 10 and 11 respectively.

87.2 Spiral sp1801 is changed from 1 #6 spiral bar to 2-bundled #5 spiral bars at Pier 18.

87.3 Remove notes related to permanent casing from foundations which don't specify permanent casing.

87.4 Revised "SEE ARTICLE 516.06(d) OF THE STANDARD SPECIFICATIONS." TO "SEE ARTICLE 516.06 OF THE GBSP FOR DRILLED SHAFTS." for foundations which specify permanent casing.

Change #88: Contract Plans, Volume 3, Drawings 632, 634 and 652 – Pier 10, 11 and 18 Details (attached).

These drawings contain the following revisions:

88.1 Reinforcement Bars quantity in BILL OF MATERIAL table has been revised: from 41,190 to 42,750 at Pier 10; from 39,080 to 40,560 at Pier 11; from 27,500 to 30,640 at Pier 18 respectively.

Change #89: Contract Plans, Volume 3, Drawings 678, 681 and 682–Unit 1 Steel Design (attached).

These drawings contain the following revisions:

89.1 Intermediate stiffeners are added at S2 and S10

89.2 Thickness of the web plate over Pier 1 is changed from 3/4" to 5/8"

89.3 Web and bottom flange field splice details.

89.4 Number of intermediate stiffeners changes from 4 to 8; Number of connection plates changes from 368 to 338.

Change #90: Contract Plans, Volume 4, Drawing 818, 819 and 884 – Deck Plan (attached).

These drawings contain the following revision

90.1 Total number of b103(S) bars increases from 109x5 to 109x7 and from 2x5 to 2x7 each side.

90.2 The extension limits of b103(S) increase from 74'-6" to 126'-0" to the south and from 66'-6" to 82'-0" to the north.

90.3 Total number of b103(S) bars increases from 565 to 791.

90.4 Length of b103(S) increases from 30'-10" to 32'-6".

90.5 Subtotal stainless steel reinforcement bar quantity increases from 393,160 lbs to 405,680 lbs.

Change #91: Contract Plans, Volume 4, Drawing 820 through 824, 885 – Deck Plan (attached).

These drawings contain the following revision

91.1 Total number of b203(S) bars increases from 92x6 to 92x10 and from 2x6 to 2x10 each side.

91.2 The extension limits of b203(S) increase from 93'-7" to 155'-0" toward midspan Span 4 over both Pier 3 and 4.

91.3 Total number of b203(S) bars increases from 1152 to 1920.

91.4 Length of b203(S) decreases from 47'-6" to 36'-0".

91.5 Subtotal stainless steel reinforcement bar quantity increases from 861,650 lbs to 883,410 lbs.

91.6 Out-to-out deck width is changed from 94'-10" to 95'-2"

Change #92: Contract Plans, Volume 4, Drawings 825 through 838 – Deck Plan.

These drawings contain the following revisions to be issued to successful bidder:

92.1 Out-to-out deck width is changed from 94'-10" to 95'-2".

Change #93: Contract Plans, Volume 4, Drawing 839 – Deck Plan (attached).

This drawing contains the following revision:

93.1 Out-to-out deck width is changed from 94'-10" to 95'-2".

93.2 Rebar callout is changed from 704(S) to a704(S).

Change #94: Contract Plans, Volume 4, Drawing 886 through 889, 891 and 916 – Superstructure Bill of Materials and Bridge Approach Slab Details.

These drawings contain the following revisions to be issued to the successful bidder:

94.1 Pay item names and numbers are changed from Z0029090 DIAMOND GRINDING (BRIDGE SECTION) to JS503160 DIAMOND GRINDING AND SURFACE SMOOTHNESS FOR BRIDGE SECTION.

Change #95: Contract Plans, Volume 5, Drawing 1099 – Total Bill of Material (attached).

This drawing contains the following revisions:

95.1 Changed pay item number and name from Z0029090 Diamond Grinding (Bridge Section) to JS503160 Diamond Grinding and Surface Smoothness for Bridge Sections.

Change #96: Contract Plans, Volume 5, Drawing 1101 – General Information (attached).

This drawing contains the following revisions:

96.1 Added LaGrange Road Bridge maximum allowable bridge mounted noise abatement wall loads.

Change #97: Contract Plans, Volume 5, Drawing 1182 – Superstructure Bill of Material (attached).

This drawing contains the following revisions:

97.1 Changed pay item number and name from Z0029090 Diamond Grinding (Bridge Section) to JS503160 Diamond Grinding and Surface Smoothness for Bridge Sections.

Change #98: Contract Plans, Volume 5, Drawing 1196 – Approach Slab Bill of Material (attached).

This drawing contains the following revisions:

98.1 Changed pay item number and name from Z0029090 Diamond Grinding (Bridge Section) to JS503160 Diamond Grinding and Surface Smoothness for Bridge Sections.

Change #99: Contract Plans, Volume 5, Drawing 1197 – Approach Slab Bill of Material (attached).

This drawing contains the following revisions:

99.1 Changed pay item number and name from Z0029090 Diamond Grinding (Bridge Section) to JS503160 Diamond Grinding and Surface Smoothness for Bridge Sections.

Change #100: Contract Plans, Volume 5, Drawing 1205 – Transition Approach Slab Details (attached).

This drawing contains the following revisions:

100.1 Changed pay item number and name from Z0029090 Diamond Grinding (Bridge Section) to JS503160 Diamond Grinding and Surface Smoothness for Bridge Sections.

Change #101: Contract Plans, Volume 6, Drawing 1354 – Performance Based Retaining Wall 2, General Plan and Elevation (attached).

This drawing contains the following revisions:

101.1 Design load criteria for Performance Based Retaining Wall 2 is added.

Change #102: Contract Plans, Volume 6, Drawing 1363 – Performance Based Retaining Wall 2 Detail 1 (attached).

This drawing contains the following revisions:

102.1 Estimated pile length have been changed: Pile length for upper platform is changed from 24'-0" to 26'-0; Pile length for lower platform is changed from 16'-0" to 18'-0".

Change #103: Contract Plans, Volume 6, Drawing 1382 – Noise Abatement Wall (attached).

This drawing contains the following revisions:

103.1 Revised bottom of proposed wall from 4 inches to 12 inches below finish grade for Noise Abatement Wall 1E.

Change #104: Contract Plans, Volume 6, Drawing 1383 – Noise Abatement Wall (attached).

This drawing contains the following revisions:

104.1 Revised bottom of proposed wall from 4 inches to 12 inches below finish grade for Noise Abatement Wall 1C.

104.2 Revised bottom of proposed wall from 4 inches to 12 inches below finish grade for Noise Abatement Wall 1D.

Change #105: Contract Plans, Volume 6, Drawing 1385 – Noise Abatement Wall (attached).

This drawing contains the following revisions:

105.1 Revised bottom of proposed wall from 4 inches to 12 inches below finish grade for Noise Abatement Wall 3A.

105.2 Revised bottom of proposed wall from 4 inches to 12 inches below finish grade for Noise Abatement Wall 3C.

Change #106: Contract Plans, Volume 6, Drawing 1386 – Noise Abatement Wall (attached).

This drawing contains the following revisions:

106.1 Revised bottom of proposed wall from 4 inches to 12 inches below finish grade for Noise Abatement Wall 3B.

Change #107: Contract Plans, Volume 6, Drawing 1396 – Moment Slab No. 1 – General Plan (attached).

This drawing contains the following revisions:

107.1 Revised Noise Abatement Wall design dead loads to reflect revisions to specification.

Change #108: Contract Plans, Volume 6, Drawing 1409 – Moment Slab No. 4 – General Plan (attached).

This drawing contains the following revisions:

108.1 Revised Noise Abatement Wall design dead loads to reflect revisions to specification.

Change #109: Contract Plans, Volume 7, Drawings 1637 through 1639 – Cross Sections Illinois Central Path.

These drawings contain the following revisions to be issued to the successful bidder:

109.1 Revised Retaining Wall Description.

109.2 Revised elevations/offset callouts.

END OF ADDENDUM CHANGES

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	571		
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	649		
*	20100500	TREE REMOVAL, ACRES	ACRE	10		
	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	500		
	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	250		
*	20200100	EARTH EXCAVATION	CU YD	67,184		
*	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	6,675		
	20400800	FURNISHED EXCAVATION	CU YD	115,650		
	20700220	POROUS GRANULAR EMBANKMENT	CU YD	8,934		
	20800150	TRENCH BACKFILL	CU YD	6,676		
	21400100	GRADING AND SHAPING DITCHES	FOOT	1,790		
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,071		
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	3,213		
	25000750	MOWING	ACRE	61		
	25100127	MULCH, METHOD 3A	ACRE	61		
	30201500	LIME	TON	200		
	30201600	FLY ASH	TON	200		
	31100200	SUBBASE GRANULAR MATERIAL, TYPE A	CU YD	859		

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	31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	1,972		
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	2,641		
	35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	7,116		
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	3,767		
	35800100	PREPARATION OF BASE	SQ YD	7,368		
	35800200	AGGREGATE BASE REPAIR	TON	55		
	40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	7,395		
	40200700	AGGREGATE SURFACE COURSE, TYPE A 8"	SQ YD	274		
	40300400	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	TON	1		
	40300600	SEAL COAT AGGREGATE	TON	3		
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1,186		
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5		
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,460		
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	503		
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1,673		
	42001300	PROTECTIVE COAT	SQ YD	20,987		
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	167		
	44000100	PAVEMENT REMOVAL	SQ YD	29,677		

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	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	60		
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	188		
	44000400	GUTTER REMOVAL	FOOT	2,748		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	613		
	44001980	CONCRETE BARRIER REMOVAL	FOOT	77		
	44004000	PAVED DITCH REMOVAL	FOOT	1,460		
	44004250	PAVED SHOULDER REMOVAL	SQ YD	30,223		
	44200569	CLASS A PATCHES, TYPE III, 11 INCH	SQ YD	76		
	44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	67		
	44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	118		
	48100300	AGGREGATE SHOULDERS, TYPE A 4"	SQ YD	453		
	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	209		
	50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1		
	50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		
	50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1		
	50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1		
	50102400	CONCRETE REMOVAL	CU YD	93		
	50104400	CONCRETE HEADWALL REMOVAL	EACH	14		

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	50105220	PIPE CULVERT REMOVAL	FOOT	65		
	50157300	PROTECTIVE SHIELD	SQ YD	46,334		
	50200100	STRUCTURE EXCAVATION	CU YD	26,536		
	50200300	COFFERDAM EXCAVATION	CU YD	340		
	50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	5,697		
	50201121	COFFERDAM (TYPE 2) (LOCATION - 1)	EACH	1		
	50201122	COFFERDAM (TYPE 2) (LOCATION - 2)	EACH	1		
	50201123	COFFERDAM (TYPE 2) (LOCATION - 3)	EACH	1		
	50300225	CONCRETE STRUCTURES	CU YD	4,809		
	50300255	CONCRETE SUPERSTRUCTURE	CU YD	1,718		
	50300265	SEAL COAT CONCRETE	CU YD	193		
	50300300	PROTECTIVE COAT	SQ YD	63,040		
	50500505	STUD SHEAR CONNECTORS	EACH	36,528		
	50800105	REINFORCEMENT BARS	POUND	950,840		
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,957,710		
	50800515	BAR SPLICERS	EACH	412		
	50800530	MECHANICAL SPLICERS	EACH	1,180		
	51100100	SLOPE WALL 4 INCH	SQ YD	660		

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	51201400	FURNISHING STEEL PILES HP10X42	FOOT	4,961		
	51201800	FURNISHING STEEL PILES HP14X73	FOOT	2,092		
	51201900	FURNISHING STEEL PILES HP14X89	FOOT	3,816		
	51202000	FURNISHING STEEL PILES HP14X102	FOOT	4,849		
	51202305	DRIVING PILES	FOOT	15,718		
	51203400	TEST PILE STEEL HP10X42	EACH	6		
	51203800	TEST PILE STEEL HP14X73	EACH	1		
	51203900	TEST PILE STEEL HP14X89	EACH	2		
	51204000	TEST PILE STEEL HP14X102	EACH	4		
	51204650	PILE SHOES	EACH	369		
	51602000	PERMANENT CASING	FOOT	2,406		
GBSP	51603000	DRILLED SHAFT IN SOIL	CU YD	3,594		
GBSP	51604000	DRILLED SHAFT IN ROCK	CU YD	970		
	52000110	PREFORMED JOINT STRIP SEAL	FOOT	231		
	52100520	ANCHOR BOLTS, 1"	EACH	1,120		
	52100540	ANCHOR BOLTS, 1 1/2"	EACH	88		
	52100560	ANCHOR BOLTS, 2"	EACH	80		
	52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	3,338		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2		
	54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	1		
	54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	1		
	54010603	PRECAST CONCRETE BOX CULVERTS 6' X 3'	FOOT	354		
	54010604	PRECAST CONCRETE BOX CULVERTS 6' X 4'	FOOT	47		
	54215460	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 60"	EACH	1		
	54248510	CONCRETE COLLAR	CU YD	2		
	5425A066	PIPE CULVERTS, CLASS A, TYPE 5 66" (TEMPORARY)	FOOT	110		
BDE	54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	78		
BDE	54263272	CONCRETE END SECTION, STANDARD 542011, 72", 1:2	EACH	1		
	542A3415	PIPE CULVERTS, CLASS A, TYPE 5 60"	FOOT	38		
	542C5497	PIPE CULVERTS, CLASS C, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	116		
*	542JA048	PIPE CULVERTS, CLASS A 48" (JACKED)	FOOT	498		
*	542JA060	PIPE CULVERTS, CLASS A 60" (JACKED)	FOOT	352		
*	542JC048	PIPE CULVERTS, CLASS C 48" (JACKED)	FOOT	90		
	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	237		
	550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	11		
	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	89		

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	550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	170		
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	68		
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	669		
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	1,051		
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	773		
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	373		
	550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	417		
	550A0490	STORM SEWERS, CLASS A, TYPE 2 54"	FOOT	235		
	550A0680	STORM SEWERS, CLASS A, TYPE 3 18"	FOOT	58		
	550A1000	STORM SEWERS, CLASS A, TYPE 4 21"	FOOT	101		
	550A1010	STORM SEWERS, CLASS A, TYPE 4 24"	FOOT	205		
	550A4750	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 72"	FOOT	239		
	55100200	STORM SEWER REMOVAL 6"	FOOT	45		
	55100300	STORM SEWER REMOVAL 8"	FOOT	56		
	55100500	STORM SEWER REMOVAL 12"	FOOT	1,615		
	55100700	STORM SEWER REMOVAL 15"	FOOT	1,188		
	55100900	STORM SEWER REMOVAL 18"	FOOT	486		
	55101200	STORM SEWER REMOVAL 24"	FOOT	566		

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	55101600	STORM SEWER REMOVAL 36"	FOOT	42		
	55101800	STORM SEWER REMOVAL 42"	FOOT	64		
	55102000	STORM SEWER REMOVAL 54"	FOOT	267		
	55102400	STORM SEWER REMOVAL 78"	FOOT	233		
*	55201500	STORM SEWERS JACKED IN PLACE, 42"	FOOT	438		
*	55201600	STORM SEWERS JACKED IN PLACE, 48"	FOOT	421		
*	56105000	WATER VALVES 8"	EACH	1		
*	56105410	WATER VALVES 20"	EACH	1		
*	56400825	FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE	EACH	6		
	58000100	MEMBRANE WATERPROOFING	SQ FT	4,270		
	58700300	CONCRETE SEALER	SQ FT	64,702		
	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	844		
	60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4		
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	6		
	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1		
*	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	25		
*	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		
*	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	10		

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*	60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5		
*	60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4		
*	60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		
*	60249010	VALVE VAULTS, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2		
	60253000	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	16		
	60253100	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4		
	60500040	REMOVING MANHOLES	EACH	15		
	60500050	REMOVING CATCH BASINS	EACH	4		
	60500060	REMOVING INLETS	EACH	10		
	60500105	FILLING MANHOLES	EACH	3		
*	60603900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)	FOOT	178		
	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2		
	63200310	GUARDRAIL REMOVAL	FOOT	4,638		
	64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2		
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	14,020		
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	492		
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	1,080		
BDE	70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	187		

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BDE	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	176,833		
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1,875		
	70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1		
	70600280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3	EACH	3		
	70600370	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, NARROW), TEST LEVEL 3	EACH	7		
	73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	5		
	73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	8		
	73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	8		
	73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	10		
	78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	83		
	78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	143,130		
	78200006	GUARDRAIL REFLECTORS, TYPE B	EACH	2		
	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	52		
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	41		
	81028720	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.	FOOT	525		
	81100800	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., GALVANIZED STEEL	FOOT	20		
	81200215	CONDUIT EMBEDDED IN STRUCTURE, 1 1/4" DIA., PVC	FOOT	4,922		
	81300900	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 20" X 16" X 6"	EACH	6		

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	81603081	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	775		
	81800150	AERIAL CABLE, 3-1/C NO. 3/0 WITH MESSENGER WIRE	FOOT	162		
	81800340	AERIAL CABLE, 3-1/C NO. 8 WITH MESSENGER WIRE	FOOT	1,871		
	81800400	AERIAL CABLE, 4-1/C NO. 2 WITH MESSENGER WIRE	FOOT	11,638		
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	401		
	83700300	LIGHT TOWER FOUNDATION, 48" DIAMETER	FOOT	27		
	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	3		
	84200804	REMOVAL OF POLE FOUNDATION	EACH	7		
	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	5		
	87900200	DRILL EXISTING HANDHOLE	EACH	19		
*	89000200	TEMPORARY TRAFFIC SIGNAL INSTALLATION	L SUM	1		
	89502380	REMOVE EXISTING HANDHOLE	EACH	14		
GBSP	X0320051	CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	6,039		
GBSP	X0320052	CROSSHOLE SONIC LOGGING TESTING	EACH	158		
*	X0322916	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	5		
*	X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	5		
*	X0322918	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	15		
*	X0322924	RETAINING WALL REMOVAL	SQ FT	6,388		
*	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	13		

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*	X0323814	SANITARY SEWER REMOVAL, 18"	FOOT	137		
*	X0323868	DRAINAGE RESTRICTOR	EACH	1		
*	X0325349	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	FOOT	1,888		
*	X0325815	REMOVE EXISTING CABLE	FOOT	12,886		
*	X0326358	STORM WATER TREATMENT SYSTEM	EACH	4		
*	X0326458	PAVEMENT REPLACEMENT, SPECIAL	SQ YD	276		
*	X0326659	CURED-IN-PLACE PIPE LINER, 18"	FOOT	326		
*	X0326661	CURED-IN-PLACE PIPE LINER, 21"	FOOT	66		
*	X0327357	CONSTRUCTION VIBRATION MONITORING	L SUM	1		
*	X0327786	CURED-IN-PLACE PIPE LINER, 15"	FOOT	232		
*	X0487800	SANITARY SEWER REMOVAL 12"	FOOT	92		
*	X0900029	TEMPORARY SUPPORT SYSTEM (TO REMAIN IN PLACE)	EACH	1		
*	X1200042	MANHOLES, TYPE A, 9'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	EACH	1		
*	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	502		
GBSP	X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	47,526		
*	X5030290	STAINING CONCRETE STRUCTURES	SQ FT	898		
*	X5041800	CONCRETE ANCHORS	EACH	16		
*	X5210130	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 300K	EACH	22		

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*	X5210140	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 350K	EACH	49		
*	X5210150	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 400K	EACH	84		
*	X5210160	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 450K	EACH	57		
*	X5210380	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 900K	EACH	11		
*	X5210790	HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 300K	EACH	12		
*	X5428860	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 60" (SPECIAL)	EACH	2		
*	X5538700	STORM SEWERS TO BE CLEANED 42"	FOOT	148		
*	X5538900	STORM SEWERS TO BE CLEANED 54"	FOOT	600		
*	X5610706	WATER MAIN REMOVAL, 6"	FOOT	90		
*	X5630006	CUT AND CAP EXISTING 6" WATER MAIN	EACH	1		
*	X5630008	CUT AND CAP EXISTING 8" WATER MAIN	EACH	1		
*	X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	2		
*	X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3		
*	X6026622	VALVE VAULTS TO BE REMOVED	EACH	3		
*	X6640525	CHAIN LINK FENCE, 4' ATTACHED TO STRUCTURE	FOOT	1,000		
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		
BDE	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	50,925		
*	X7330091	CONDUIT CONNECTION CAP	EACH	28		

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*	X8130125	REMOVE EXISTING JUNCTION BOX	EACH	21		
*	X8211000	UNDERPASS LUMINAIRE (SPECIAL)	EACH	18		
*	X8420111	REMOVAL OF UNDERPASS LIGHTING UNIT, NO SALVAGE	EACH	14		
*	X8951011	REMOVE AERIAL CABLE	FOOT	570		
*	Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	5		
GBSP	Z0021908	SILICONE JOINT SEALER, 2"	FOOT	21		
*	Z0023500	FILLING EXISTING CULVERTS	CU YD	552		
*	Z0026400	FURNISHING AND PLACING SAND FILL	CU YD	150		
D1	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	103		
D1	Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	19		
*	Z0034212	MECHANICALLY STABILIZED EARTH RETAINING WALL, SPECIAL	SQ FT	6,860		
GBSP	Z0034396	MODULAR EXPANSION JOINT 12"	FOOT	368		
GBSP	Z0034398	MODULAR EXPANSION JOINT 15"	FOOT	184		
*	Z0044298	PRESSURE CONNECTION TO EXISTING WATER MAIN	EACH	3		
GBSP	Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	1,632		
*	Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	44		
*	Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	24		

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*	Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	253		
*	Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	235		
*	Z0056631	STORM SEWER (WATER MAIN REQUIREMENTS) EQUIVALENT ROUND-SIZE 24 INCH	FOOT	137		
*	Z0057300	SANITARY SEWER 18"	FOOT	231		
*	Z0062456	TEMPORARY PAVEMENT	SQ YD	3,170		
*	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1		
*	XX003453	REMOVAL OF EXISTING AERIAL CABLE ASSEMBLY, NO SALVAGE	FOOT	9,694		
*	JA000125	BUTTERFLY VALVE AND VAULT, 36"	EACH	2		
*	JA000150	DUCTILE IRON WATER MAIN CAP, 8"	EACH	1		
*	JA000153	DUCTILE IRON WATERMAIN CAP, 14"	EACH	4		
*	JA000155	DUCTILE IRON WATER MAIN CAP, 20"	EACH	3		
*	JA000156	DUCTILE IRON WATERMAIN CAP, 36"	EACH	2		
*	JA000169	NON-PRESSURE CONNECTION TO EXISTING WATER MAIN, 20"	EACH	3		
*	JA000210	DUCTILE IRON WATER MAIN, 6", RESTRAINED JOINT PIPE	FOOT	50		
*	JA000218	DUCTILE IRON WATER MAIN, 14", RESTRAINED JOINT PIPE	FOOT	349		
*	JA000222	DUCTILE IRON WATER MAIN, 20", RESTRAINED JOINT PIPE	FOOT	575		
*	JA000228	DUCTILE IRON WATER MAIN, 36", RESTRAINED JOINT PIPE	FOOT	677		
*	JA000265	STEEL CASING PIPE, 54"	FOOT	25		
*	JA000477	ABANDON EXISTING WATER MAIN IN PLACE, 8"	FOOT	56		

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*	JA000481	ABANDON EXISTING WATER MAIN IN PLACE, 14"	FOOT	379		
*	JA000485	ABANDON EXISTING WATER MAIN IN PLACE, 20"	FOOT	646		
*	JA000500	ABANDON EXISTING WATER MAIN IN PLACE, 36"	FOOT	629		
*	JA000595	STEEL STORM SEWER, 18"	FOOT	143		
*	JA000670	FIRE HYDRANTS REMOVAL	EACH	2		
*	JI209030	POROUS GRANULAR EMBANKMENT	CU YD	5		
*	JI211110	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	53,525		
*	JI213004	EXPLORATION TRENCH, UTILITIES (HAND EXCAVATION)	FOOT	3,802		
*	JI213006	EXPLORATION TRENCH, UTILITIES (VACUUM EXCAVATION)	FOOT	3,020		
*	JI251010	EROSION CONTROL BLANKET, BIODEGRADABLE NETTING	SQ YD	165,548		
*	JI251015	HEAVY DUTY EROSION CONTROL BLANKET, BIODEGRADABLE NETTING	SQ YD	7,957		
*	JI282010	SUBGRADE FILTER FABRIC	SQ YD	29,688		
*	JI312022	STABILIZED SUBBASE – WMA, 3"	SQ YD	22,508		
*	JI406037	MATERIAL TRANSFER DEVICE	TON	3,951		
*	JI406041	STONE MATRIX WARM MIX ASPHALT BINDER COURSE, IL-9.5, N80	TON	1,451		
*	JI406043	STONE MATRIX WARM MIX ASPHALT SURFACE FRICTION COURSE, IL9.5 N80	TON	131		
*	JI406048	STONE MATRIX WARM MIX ASPHALT SURFACE FRICTION COURSE, IL12.5 N80	TON	2,448		
*	JI406107	ASPHALT TACK COAT	POUND	47,356		

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*	JI406510	WARM-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	985		
*	JI406900	CONSTRUCTING WARM MIX ASPHALT TEST STRIP	EACH	2		
*	JI420040	BRIDGE APPROACH SLAB	SQ YD	1,657		
*	JI420041	TRANSITION APPROACH SLAB	SQ YD	3,293		
*	JI420046	TRANSITION APPROACH SHOULDER SLAB	SQ YD	144		
*	JI440010	CONCRETE MEDIAN BARRIER AND BASE REMOVAL	FOOT	4,862		
*	JI440022	SHOULDER RUMBLE STRIP REMOVAL	SQ YD	572		
*	JI481070	AGGREGATE SHOULDERS SPECIAL, TYPE C	TON	186		
*	JI481130	AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 4"	SQ YD	1,792		
*	JI482104	WARM-MIX ASPHALT SHOULDERS (6 IN.)	SQ YD	1,816		
*	JI482128	WARM-MIX ASPHALT SHOULDERS, SPECIAL (9 IN.)	SQ YD	5,818		
*	JI485010	TEMPORARY PAVEMENT, CLASS 1	SQ YD	2,226		
*	JI485020	TEMPORARY PAVEMENT, CLASS 2	SQ YD	20,092		
*	JI485030	TEMPORARY PAVEMENT, CLASS 3	SQ YD	22,432		
DSE	JI501030	REMOVAL OF EXISTING CONCRETE PIER PROTECTION BARRIER	FOOT	60		
*	JI503006	REMOVAL OF EXISTING TRANSITION APPROACH SLABS	SQ YD	1,486		
*	JI503010	HIGH PERFORMANCE CONCRETE SUPERSTRUCTURE	CU YD	17,868		
*	JI503020	HIGH PERFORMANCE CONCRETE MOMENT SLAB STRUCTURES	CU YD	787		
*	JI503230	MASS CONCRETE STRUCTURES	CU YD	7,242		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JI504810	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE WIDE FLANGE BEAMS, 72", 8.5 KSI	FOOT	7,643		
*	JI504812	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE WIDE FLANGE BEAMS, 84", 8.5 KSI	FOOT	6,021		
*	JI504814	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE WIDE FLANGE BEAMS, 90", 8.5 KSI	FOOT	19,229		
*	JI504816	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE WIDE FLANGE BEAMS, 90", 10.0 KSI	FOOT	9,123		
*	JI505231	FURNISHING AND ERECTING STRUCTURAL STEEL NO. 1	L SUM	1		
*	JI505232	FURNISHING AND ERECTING STRUCTURAL STEEL NO. 2	L SUM	1		
*	JI505233	FURNISHING AND ERECTING STRUCTURAL STEEL NO. 3	L SUM	1		
*	JI505234	FURNISHING AND ERECTING STRUCTURAL STEEL NO. 4	L SUM	1		
*	JI505240	FURNISHING AND ERECTING MISCELLANEOUS STEEL	POUND	7,740		
*	JI505920	SAFTEY CABLE SYSTEM	L SUM	1		
*	JI521822	HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 350K	EACH	22		
*	JI521824	HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 400K	EACH	20		
*	JI521826	HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 450K	EACH	14		
*	JI521900	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED-1500K	EACH	20		
*	JI522500	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	24,096		
*	JI522505	TEMPORARY MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	8,866		
*	JI550100	TEMPORARY STORM SEWER, CLASS A, 12"	FOOT	1,363		
*	JI550102	TEMPORARY STORM SEWER, CLASS A, 15"	FOOT	581		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JI550104	TEMPORARY STORM SEWER, CLASS A, 18"	FOOT	204		
*	JI593030	ABANDON AND FILL EXISTING STORM SEWER	CU YD	167		
*	JI599007	TEMPORARY SOIL RETENTION SYSTEM TO REMAIN IN PLACE	SQ FT	15,436		
*	JI601300	PIPE UNDERDRAINS, 6" (SPECIAL)	FOOT	421		
*	JI601320	PIPE UNDERDRAINS, FABRIC LINED TRENCH 6"	FOOT	4,415		
*	JI602100	OUTLET CONTROL STRUCTURE TYPE 1 (CHECK DAM)	EACH	1		
*	JI602115	CATCH BASINS, TYPE G-2, TYPE G-2 FRAME AND GRATE	EACH	1		
*	JI602120	CATCH BASINS, TYPE G-3, TYPE G-3 FRAME AND GRATE	EACH	9		
*	JI602182	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE G-2 FRAME AND GRATE	EACH	5		
*	JI602184	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20A FRAME AND GRATE	EACH	6		
*	JI602230	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (TEMPORARY)	EACH	9		
*	JI602231	INLETS, TYPE A, TYPE 20A FRAME AND GRATE	EACH	10		
*	JI602235	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID (TEMPORARY)	EACH	7		
*	JI602237	INLETS, TYPE B, TYPE 20A FRAME AND GRATE	EACH	6		
*	JI602300	MANHOLE, TYPE A, 5' DIA., TYPE G-3 FRAME AND GRATE	EACH	1		
*	JI602519	DRAINAGE STRUCTURES TO BE ADJUSTED WITH TWO TYPE 20A FRAME AND GRATE	EACH	2		
*	JI606010	GUTTER, TYPE G-2	FOOT	775		
*	JI606020	GUTTER, TYPE G-3	FOOT	987		

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*	JI606050	CONCRETE GUTTER (SPECIAL)	FOOT	150		
*	JI630002	GALVANIZED STEEL PLATE BEAM GUARDRAIL,TYPE A, 6 FOOT POSTS	FOOT	63		
*	JI630004	GALVANIZED STEEL PLATE BEAM GUARDRAIL,TYPE A, 9 FOOT POSTS	FOOT	500		
*	JI631112	TRAFFIC BARRIER TERMINAL, TYPE T1-A (SPECIAL)	EACH	1		
*	JI631120	TRAFFIC BARRIER TERMINAL, TYPE T2	EACH	1		
*	JI631130	TRAFFIC BARRIER TERMINAL, TYPE T6	EACH	1		
*	JI631135	TRAFFIC BARRIER TERMINAL, TYPE T6B	EACH	1		
*	JI631140	TRAFFIC BARRIER TERMINAL, TYPE T10	EACH	1		
*	JI633032	REMOVE AND RE-ERECT STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	60		
*	JI637030	CONCRETE BARRIER , SINGLE FACE, REINFORCED, 42 INCH	FOOT	232		
*	JI637032	CONCRETE BARRIER BASE FOR SINGLE FACE BARRIER, REINFORCED, 42 INCH	FOOT	232		
*	JI638010	TEMPORARY MODULAR GLARE SCREEN SYSTEM	FOOT	2,626		
*	JI664305	RIGHT-OF-WAY FENCE, TYPE 1, 6'	FOOT	4,347		
*	JI664310	CORNER POST, RIGHT-OF-WAY FENCE, TYPE1	EACH	17		
*	JI664315	PULL POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	6		
*	JI664320	END POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	9		
*	JI664325	PEDESTRIAN GATE, RIGHT-OF-WAY FENCE, TYPE 1	EACH	3		
*	JI664335	DOUBLE VEHICLE GATE, RIGHT-OF-WAY FENCE, TYPE 1	EACH	5		

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*	JI664400	RIGHT OF WAY FENCE REMOVAL	FOOT	4,844		
*	JI664615	TEMPORARY CHAIN LINK FENCE 8' SCREENING, TYPE 1	FOOT	569		
*	JI664620	TEMPORARY CHAIN LINK FENCE 8' SCREENING, TYPE 2	FOOT	5,746		
*	JI664621	TEMPORARY CHAIN LINK FENCE 8', WITH SCREENING REMOVAL	FOOT	2,500		
*	JI680003	HEADWALL TYPE I, 21"	EACH	1		
*	JI680004	HEADWALL TYPE I, 24"	EACH	9		
*	JI680010	HEADWALL TYPE II, 42"	EACH	1		
*	JI680011	HEADWALL TYPE II, 48"	EACH	2		
*	JI680012	HEADWALL TYPE II, 54"	EACH	1		
*	JI680021	HEADWALL TYPE III, 42", 1:4	EACH	1		
*	JI680022	HEADWALL TYPE III, 48", 1:4	EACH	9		
*	JI680102	SLOPED HEADWALL TYPE I, 12"	EACH	1		
*	JI680103	SLOPED HEADWALL TYPE I, 15"	EACH	1		
*	JI680104	SLOPED HEADWALL TYPE I, 18"	EACH	1		
*	JI680120	SLOPED HEADWALL TYPE III, 6", 1:3	EACH	6		
*	JI680122	SLOPED HEADWALL TYPE III, 15", 1:3	EACH	3		
*	JI680123	SLOPED HEADWALL TYPE III, 18", 1:3	EACH	2		
*	JI680125	SLOPED HEADWALL TYPE III, 24", 1:3	EACH	1		

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*	JI680130	SLOPED HEADWALL TYPE III, 6", 1:4	EACH	6		
*	JI680131	SLOPED HEADWALL TYPE III, 12", 1:4	EACH	3		
*	JI680132	SLOPED HEADWALL TYPE III, 15", 1:4	EACH	2		
*	JI680133	SLOPED HEADWALL TYPE III, 18", 1:4	EACH	1		
*	JI680135	SLOPED HEADWALL TYPE III, 24", 1:4	EACH	3		
*	JI680137	SLOPED HEADWALL TYPE III, 30", 1:4	EACH	1		
*	JI680140	SLOPED HEADWALL TYPE III, 6", 1:6	EACH	4		
*	JI680141	SLOPED HEADWALL TYPE III, 12", 1:6	EACH	1		
*	JI680143	SLOPED HEADWALL TYPE III, 18", 1:6	EACH	2		
*	JI680147	SLOPED HEADWALL TYPE III, 30", 1:6	EACH	1		
*	JI704012	FURNISH AND INSTALL TEMPORARY CONCRETE BARRIER, TO REMAIN IN PLACE	FOOT	17,066		
*	JI704014	RELOCATE TEMPORARY CONCRETE BARRIER, TO REMAIN IN PLACE	FOOT	40,012		
*	JI706282	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3, TO REMAIN IN PLACE	EACH	5		
*	JI706331	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3, TO REMAIN IN PLACE	EACH	8		
*	JI725000	TERMINAL MARKER - DIRECT APPLIED	EACH	1		
*	JI782014	GUARDRAIL BARRIER REFLECTORS, TYPE B	EACH	14		
*	JI782022	BARRIER WALL REFLECTORS, TYPE C	EACH	1,681		
*	JI811276	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., STAINLESS STEEL	FOOT	63		

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*	JI811280	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., STAINLESS STEEL	FOOT	116		
*	JI830205	TEMPORARY WOOD POLE, 90 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	47		
*	JI830210	TEMPORARY WOOD POLE, 90 FT., CLASS 2, TO REMAIN IN PLACE	EACH	2		
*	JI999443	PRESSURE VALVE INSERT, 20"	EACH	3		
*	JI999707	STEEL CASING PIPE , BORED AND JACKED, 30"	FOOT	536		
*	JI999737	PVC WATER MAIN, 8"	FOOT	230		
**	JS107360	DUST CONTROL WATERING	UNIT	7,500		
**	JS107361	APPLY DUST SUPPRESSION AGENTS	UNIT	2,500		
**	JS120100	TRAILER MOUNTED FULL MATRIX PORTABLE CHANGEABLE MESSAGE SIGNS	EACH	7		
**	JS120710	ENERGY ATTENUATOR	EACH	1		
**	JS120715	ENERGY ATTENUATOR CONCRETE PAD	SQ FT	210		
**	JS120720	ENERGY ATTENUATOR REMOVAL	EACH	1		
*	JS120819	SCUPPER	EACH	44		
**	JS250220	SEEDING, CLASS 2E	ACRE	5		
**	JS250314	SEEDING, CLASS 4B	ACRE	6		
**	JS250318	SEEDING, CLASS 4F	ACRE	26		
**	JS250320	SEEDING, CLASS 5	ACRE	26		
**	JS250324	SEEDING, CLASS 5B	ACRE	6		
**	JS250350	SEEDING, CLASS 7	ACRE	61		
**	JS280020	MANAGEMENT OF EROSION AND SEDIMENT CONTROL	CAL. MO.	20		

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**	JS280030	EROSION AND SEDIMENT CONTROL-EXCAVATION	CU YD	2,250		
**	JS280040	EROSION AND SEDIMENT CONTROL-CLEANOUT	CU YD	2,250		
**	JS280050	SILT FENCE	FOOT	17,176		
**	JS280051	RE-ERECT SILT FENCE	FOOT	8,420		
**	JS280070	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	1,500		
**	JS280080	FLOTATION BOOM	FOOT	1,612		
**	JS280100	SUPER SILT FENCE	FOOT	4,604		
**	JS280110	TEMPORARY PIPE SLOPE DRAINS	FOOT	2,100		
**	JS280120	TREE PROTECTION	FOOT	500		
**	JS280140	TEMPORARY RIPRAP	TON	1,126		
**	JS280151	SAME-DAY STABILIZATION	SQ YD	313,969		
**	JS280180	RECTANGULAR INLET PROTECTION	EACH	31		
**	JS280210	FILTER FABRIC INLET PROTECTION, BASKET TYPE	EACH	150		
**	JS280305	TEMPORARY DITCH CHECKS	FOOT	2,145		
*	JS503160	DIAMOND GRINDING AND SURFACE SMOOTHNESS FOR BRIDGE SECTIONS	SQ YD	57,790		
*	JS670CM0	FIELD OFFICE, TYPE C (MODIFIED)	CAL MO	31		
*	JS671020	MOBILIZATION, TOLLWAY (MODIFIED)	L SUM	1		
*	JS701010	MAINTENANCE OF TRAFFIC	L SUM	1		
**	JS734A10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, SPAN TYPE	CU YD	71		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
**	JS734G10	FOUNDATION FOR ITS GANTRY FRAME	CU YD	38		
**	JS804100	ELECTRIC SERVICE INSTALLATION	EACH	3		
**	JS810837	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	44		
**	JS810839	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	1,526		
**	JS810841	UNDERGROUND CONDUIT, PVC, 6" DIA.	FOOT	414		
**	JS810874	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/2" DIA.	FOOT	816		
**	JS810875	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	2,857		
**	JS810879	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	1,146		
**	JS811032	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	159		
**	JS812022	CONDUIT EMBEDDED IN STRUCTURE, 1 1/2" DIA., PVC	FOOT	1,083		
**	JS812023	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	10,696		
**	JS813022	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	3		
**	JS813053	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	7		
*	JS813055	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	24		
*	JS813083	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	1		
**	JS814002	HEAVY-DUTY HANDHOLE, TOLLWAY	EACH	25		
**	JS816076	UNIT DUCT, WITH 4-1/C NO. 2 AND 1/C NO. 4 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	FOOT	6,240		
**	JS817211	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	3,045		

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**	JS817212	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	45,425		
**	JS817213	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	18,213		
**	JS817215	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	1,606		
**	JS817218	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	FOOT	108		
**	JS817219	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4/0	FOOT	3,961		
**	JS821003	TEMPORARY LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	24		
*	JS821009	TEMPORARY LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750WATT	EACH	68		
**	JS821100	LUMINAIRE, LED, HORIZONTAL MOUNT	EACH	22		
**	JS821110	UNDERPASS LUMINAIRE, LED	EACH	4		
**	JS830003	GROUND MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 15 FT. MAST ARM	EACH	2		
**	JS830013	WALL MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 12 FT. MAST ARM	EACH	20		
**	JS830024	TEMPORARY WOOD POLE, 30 FT., CLASS 4	EACH	2		
**	JS830025	TEMPORARY WOOD POLE, 40 FT., CLASS 4	EACH	1		
**	JS830027	TEMPORARY WOOD POLE, 50 FT., CLASS 4	EACH	7		
*	JS830038	BRIDGE MOUNTED LIGHT POLE, STEEL, 60 FT., 15 FT MAST ARM	EACH	21		
**	JS836003	LIGHT POLE FOUNDATION (ROADWAY) CONCRETE	EACH	3		
**	JS842085	REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	78		

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*	JS842090	REMOVAL OF SIGN LUMINAIRE	EACH	5		
**	JS842100	REMOVAL OF UNDERPASS LUMINAIRE	EACH	2		
**	JS842105	POLE FOUNDATION, REMOVED	EACH	45		
**	JS845011	REMOVAL OF LIGHTING CONTROLLER	EACH	1		
**	JS845012	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1		
**	JS845013	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1		
**	JS846001	MAINTAIN LIGHTING SYSTEM	L SUM	1		
*	JT130752	CONCRETE FOUNDATION, INTERMEDIATE POWER DISTRIBUTION AND COMMUNICATION FACILITY	EACH	1		
*	JT130754	ELECTRIC WORK, INTERMEDIATE POWER DISTRIBUTION AND COMMUNICATION FACILITY	EACH	1		
*	JT131142	ROADWAY WEATHER INFORMATION SYSTEM	EACH	1		
*	JT131316	BLUETOOTH VEHICLE DETECTION ASSEMBLY	EACH	1		
*	JT131541	FIRE SUPPRESSION SYSTEM	L SUM	1		
*	JT132115	REMOVE DYNAMIC MESSAGE SIGN EQUIPMENTS - TYPE 1	EACH	1		
*	JT132810	ITS POLE MOUNTED ENCLOSURE (CCTV OR MVDS)	EACH	3		
*	JT132814	ITS DISCONNECT SWITCH ASSEMBLY	EACH	1		
*	JT132815	ITS FRAME MOUNTED DISCONNECT SWITCH	EACH	2		
*	JT132820	CCTV CAMERA, ITS ASSEMBLY (TOLLWAY)	EACH	3		
*	JT132830	FIBER OPTIC COMMUNICATIONS, ITS ASSEMBLY	EACH	3		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT132835	WIRELESS COMMUNICATIONS, ITS ASSEMBLY	EACH	1		
*	JT134000	MAINTAIN INTELLIGENT TRANSPORTATION SYSTEMS	L SUM	1		
*	JT134010	INTELLIGENT TRANSPORTATION SYSTEMS CABINET FOUNDATION	EACH	2		
*	JT134030	INTELLIGENT TRANSPORTATION SYSTEMS GANTRY SITE GROUNDING	EACH	2		
*	JT134037	ITS ELEMENT SITE GROUNDING - POLE MOUNTED ASSEMBLY	EACH	3		
*	JT134041	ITS ELEMENT SITE GROUNDING - ITS MONOPOLE CCTV TOWER ASSEMBLY	EACH	1		
*	JT134047	ITS ELEMENT SITE GROUNDING - ROADWAY WEATHER INFORMATION SYSTEM	EACH	1		
*	JT134048	ITS ELEMENT SITE GROUNDING - ATM EQUIPMENT CABINETS	EACH	2		
*	JT135006	REMOVE MICROWAVE VEHICLE DETECTION ASSEMBLY	EACH	1		
*	JT135042	WEBCAM	EACH	2		
*	JT135076	REMOVE POLE MOUNTED CAMERA ASSEMBLY	EACH	3		
*	JT135096	ITS POLE AND BASE REMOVAL	EACH	2		
*	JT135097	REMOVE CCTV CAMERA, POLE MOUNTED	EACH	2		
*	JT135098	REMOVE CCTV CAMERA, STRUCTURE MOUNTED	EACH	1		
*	JT135100	CONCRETE FILLED PIPE BOLLARDS	EACH	6		
*	JT135200	PLAZA LANE CONVERSION	L SUM	1		
*	JT160000	CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ATTACHED TO STRUCTURE, 4" DIA, RIGID NONMETALLIC	FOOT	768		
*	JT160006	CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ATTACHED TO STRUCTURE, 8" DIA, RIGID NONMETALLIC	FOOT	21,300		
*	JT160024	CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ENCASED IN CONCRETE, 6" DIA, RIGID NONMETALLIC	FOOT	156		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT160028	CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ENCASED IN CONCRETE, 10" DIA, RIGID NONMETALLIC	FOOT	640		
*	JT160098	HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, TORSION ASSIST, 36"X60"X36"	EACH	13		
*	JT160099	HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, TORSION ASSIST, 48"X72"X36"	EACH	21		
*	JT160152	CABLE MARKER SIGN WITH POST FOR SINGLE MODE FIBER OPTIC CABLE	EACH	6		
*	JT160226	SINGLE MODE FIBER OPTIC CABLE REMOVAL, NO SALVAGE	FOOT	41,405		
*	JT160232	CONDUIT REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, ATTACHED TO STRUCTURE, RIGID NONMETALLIC, NO SALVAGE	FOOT	10,608		
*	JT160236	CONDUIT REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, COILABLE NONMETALLIC, NO SALVAGE	FOOT	79,609		
*	JT160251	HANDHOLE REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, NO SALVAGE	EACH	5		
*	JT160255	CABLE MARKER SIGN REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, NO SALVAGE	EACH	15		
*	JT160266	WOOD POLE REMOVAL, NO SALVAGE	EACH	3		
*	JT160304	LOCATE POST FOR SINGLE MODE FIBER OPTIC CABLE	EACH	31		
*	JT160320	FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 12 FIBERS	FOOT	277		
*	JT160324	FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 144 FIBERS	FOOT	9,856		
*	JT160328	FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 432 FIBERS	FOOT	9,019		
*	JT160356	INSTALL TOLLWAY FURNISHED FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 288 FIBERS	FOOT	29,974		
*	JT160378	INSTALL TOLLWAY FURNISHED FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 240 FIBERS	FOOT	18,520		
*	JT160385	MULTI MODE FIBER OPTIC CABLE, IN CONDUIT, TOLLWAY FURNISHED	FOOT	1,995		
DSE	JT190148	TRUCK MOUNTED ATTENUATOR	HOUR	1,680		
*	JT201940	SELECTIVE CLEARING (BRUSH REMOVAL)	ACRE	1		

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*	JT210001	POROUS GRANULAR BACKFILL	CU YD	8,886		
*	JT211200	PREPARED TOPSOIL FURNISH AND PLACE, 8"	SQ YD	450		
*	JT211A08	SUBGRADE AGGREGATE 9 IN.	CU YD	6,292		
*	JT211A11	SUBGRADE AGGREGATE 12 IN.	CU YD	19,274		
*	JT250410	BIOSWALE SEED MIXTURE 1	ACRE	0		
*	JT251020	BIOSWALE EROSION CONTROL BLANKET	SQ YD	733		
*	JT280500	SEDIMENT FILTER BAG	EACH	16		
*	JT280510	FLOC LOG	EACH	16		
*	JT280530	IN-LINE FLOCCULATION SYSTEM	EACH	8		
*	JT281020	FISH BARRIER ACCESS MANAGEMENT	L SUM	1		
*	JT285055	ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM, TYPE 1	SQ YD	4,158		
*	JT301010	GRANULAR SUBBASE, SPECIAL	CU YD	197		
*	JT420104	JOINTED PLAIN CONCRETE PAVEMENT FOR COMPOSITE PAVEMENT 11"	SQ YD	20,718		
*	JT442300	PARTIAL DEPTH BRIDGE DECK AND APPROACH SLAB ASPHALT REPAIR	SQ YD	70		
*	JT501925	REMOVAL OF EXISTING APPROACH SLABS	SQ YD	503		
*	JT503400	FAST DECK SLAB REPAIR (PARTIAL) - (SPECIAL)	SQ YD	140		
*	JT503410	FAST DECK SLAB REPAIR (FULL DEPTH, TYPE 1)	SQ YD	20		
*	JT503430	FAST APPROACH SLAB REPAIR (PARTIAL) - (SPECIAL)	SQ YD	10		
*	JT508010	REINFORCEMENT BARS, STAINLESS STEEL	POUND	6,174,170		
*	JT508020	BAR SPLICERS, STAINLESS STEEL	EACH	1,992		
*	JT508030	MECHANICAL SPLICERS, STAINLESS STEEL	EACH	1,786		
*	JT525080	EXPANSION JOINT MODIFICATION	FOOT	50		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT525125	BONDED PREFORMED JOINT SEAL, 2 IN.	FOOT	152		
*	JT525135	BONDED PREFORMED JOINT SEAL, 4 IN.	FOOT	541		
*	JT546000	TELEVISION INSPECTION OF SEWER	FOOT	12,556		
*	JT570P51	PERFORMANCE BASED RETAINING WALL, LOCATION 1	L SUM	1		
*	JT570P52	PERFORMANCE BASED RETAINING WALL, LOCATION 2	L SUM	1		
*	JT595001	BRIDGE DRAINAGE SYSTEM, LOCATION NO. 1	L SUM	1		
*	JT595002	BRIDGE DRAINAGE SYSTEM, LOCATION NO. 2	L SUM	1		
*	JT599040	REMOVAL OF EXISTING NOISE ABATEMENT WALL	SQ FT	34,017		
*	JT599P01	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 1	L SUM	1		
*	JT599P02	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 2	L SUM	1		
*	JT599P03	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 3	L SUM	1		
*	JT599P04	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 4	L SUM	1		
*	JT599P05	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 5	L SUM	1		
*	JT599P06	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 6	L SUM	1		
*	JT599P07	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 7	L SUM	1		
*	JT599P08	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 8	L SUM	1		
*	JT599P09	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 9	L SUM	1		
*	JT599P10	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 10	L SUM	1		

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*	JT601900	TRENCH DRAIN	FOOT	250		
*	JT601951	SCUPPER MODIFICATION	EACH	2		
*	JT601955	SCUPPER, SPECIAL	EACH	18		
DSE	JT701021	MAINTENANCE OF TRAFFIC, DAILY ONE LANE CLOSURE, STANDARD E2	EACH	34		
DSE	JT701026	MAINTENANCE OF TRAFFIC, DAILY TWO LANES CLOSURE, STANDARD E2	EACH	18		
DSE	JT701028	MAINTENANCE OF TRAFFIC, DAILY THREE LANES CLOSURE, STANDARD E2	EACH	18		
*	JT701030	SUPPLEMENTAL BARRICADE	EACH/DAY	13,500		
*	JT701031	SUPPLEMENTAL SIGNING	SQ FT	280		
*	JT701032	SUPPLEMENTAL FLASHING ARROW BOARD (PER DAY)	EACH/DAY	120		
*	JT701033	SUPPLEMENTAL FLASHING ARROW BOARD (PER WEEK)	EACH/WEEK	35		
*	JT701034	SUPPLEMENTAL FLASHING ARROW BOARD (PER MONTH)	EACH/MONTH	36		
*	JT701052	TEMPORARY INFORMATION SIGNING-GROUND MOUNT, GREATER THAN 24 SQ FT IN AREA	SQ FT	871		
*	JT701060	TEMPORARY INFORMATION SIGNING-OVERHEAD MOUNT, 24 SQ FT IN AREA OR LESS	SQ FT	24		
*	JT701250	TRAILER MOUNTED RADAR SPEED DISPLAY UNIT	CAL MO	36		
*	JT703104	LATE SEASON TEMPORARY PAVEMENT MARKING, 4"	FOOT	49,184		
*	JT720100	SIGN INSTALLATION, TYPE 1	SQ FT	16		
*	JT783005	WATERBLAST PAVEMENT MARKING REMOVAL WITH VACUUM RECOVERY	SQ FT	73,315		
*	JT804005	ELECTRIC SERVICE INSTALLATION - ITS	EACH	1		
*	JT810871	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, RIBBED, 1 1/2" DIA.	FOOT	35,643		
*	JT810873	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 1 1/4" DIA.	FOOT	65		
*	JT810876	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 2" DIA.	FOOT	3,746		

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*	JT810878	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 3" DIA.	FOOT	2,020		
*	JT810879	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 4" DIA.	FOOT	3,713		
*	JT810881	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 6" DIA.	FOOT	6,805		
*	JT810900	DUCT PACKAGE, CONDUIT ENCASED, CONCRETE, 1-1/2" DIA., 24 COUNT	FOOT	2,631		
*	JT810910	DUCT PACKAGE, CONDUIT ENCASED, CONCRETE, 4" DIA., 2 COUNT	FOOT	1,696		
*	JT811040	CONDUIT ATTACHED TO STRUCTURE, PVC, 2" DIA.	FOOT	4,805		
*	JT813010	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE (SPECIAL), 32" X 12" X 8"	EACH	4		
*	JT813014	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 6"	EACH	21		
*	JT813015	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 42" X 36" X 16"	EACH	4		
*	JT825025	TEMPORARY LIGHTING CONTROLLER, 480 VOLT, POLE MOUNTED	EACH	3		
*	JT830018	TEMPORARY WOOD POLE, 100 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	4		
*	JT830019	TEMPORARY WOOD POLE, 110 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	4		
*	JT830023	TEMPORARY WOOD POLE, 120 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	13		
*	JT830025	INSTALL WOOD POLE, 45 FEET, CLASS 2	EACH	11		
*	JT830028	INSTALL WOOD POLE, 70 FEET, CLASS 2	EACH	2		
*	JT830030	INSTALL WOOD POLE, 90 FEET, CLASS 2	EACH	1		
*	JT830054	GROUND MOUNTED LIGHT POLE, GALVANIZED STEEL, 60 FT., WITHOUT MAST ARM	EACH	1		
*	JT836020	ITS ELEMENT POLE FOUNDATION STEEL HELIX (12 FT)	EACH	1		

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*	JT836027	ITS CONCRETE SERVICE PAD, TYPE A	EACH	1		
*	JT844010	REMOVE AND REINSTALL LIGHTING UNIT	EACH	1		
*	JT900074	UTILITY PROTECTION	L SUM	1		
*	JT900077	CONCRETE TRANSFORMER PAD, 4' x 4'	SQ FT	32		
*	JT900085	REMOVE EXISTING TREADLE	EACH	3		
*	JT900099	LOAD TRANSFER PLATFORM	SQ YD	1,213		
*	JT900132	FLEXIBLE LIQUID TIGHT CONDUIT, METALLIC, 2" DIAMETER	FOOT	168		
*	JT900202	TEMPORARY CONSTRUCTION FENCE	FOOT	1,000		
*	JT900222	TEMPORARY LIGHT POLE SUPPORT	EACH	20		
*	JT900560	SUBGRADE SOIL STABILIZATION, TYPE IA	SQ YD	1,400		
*	JT900562	SUBGRADE SOIL STABILIZATION, TYPE IB	SQ YD	2,200		
*	JT900564	SUBGRADE SOIL STABILIZATION, TYPE II	SQ YD	1,200		
*	JT900566	SUBGRADE SOIL STABILIZATION, TYPE III	SQ YD	1,600		
*	JT900568	SUBGRADE SOIL STABILIZATION, TYPE IV	SQ YD	1,800		
*	JT900570	SUBGRADE SOIL STABILIZATION, TYPE V	SQ YD	2,200		
*	JT900580	CHEMICALLY STABILIZED SUBGRADE, 9"	SQ YD	29,594		
*	JT900680	CORRUGATED METAL LINER	FOOT	300		
*	JT900900	REMOVE AND RELOCATE WIRELESS VEHICLE DETECTOR SYSTEM	EACH	1		

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*	JT901056	LOCATOR TRACER WIRE	FOOT	19,257		
*	JT901075	NON-PRESSURE CONNECTION TO EXISTING WATER MAIN, 36"	EACH	2		
*	JT901081	VALVE VAULTS, 7' DIAMETER	EACH	2		
*	JT901130	DEWATERING	L SUM	1		
*	JT991131	CAUSEWAY, LOCATION 1	L SUM	1		
*	JT991132	CAUSEWAY, LOCATION 2	L SUM	1		
*	JT991133	CAUSEWAY, LOCATION 3	L SUM	1		
*	JT991134	CAUSEWAY, LOCATION 4	L SUM	1		
*	JT991135	CAUSEWAY, LOCATION 5	L SUM	1		
*	JT991136	CAUSEWAY, LOCATION 6	L SUM	1		
*	JT991137	CAUSEWAY, LOCATION 7	L SUM	1		
		TOTAL AMOUNT OF CORE WORK				

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SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT155001	CONTRACTOR'S QUALITY PROGRAM	L SUM	1	3,800,000.00	$3,800,000.00
*	JT151500	CONTRACT ADJUSTMENT ALLOWANCE FOR TEMPERATURE CONTROL OF CONCRETE	UNIT	200,000	1.00	$200,000.00
*	JT154001	PAVEMENT PATCHING AND TRAFFIC CONTROL	UNIT	300,000	1.00	$300,000.00
*	JT154002	DISPOSAL OF UNIDENTIFIED HAZARDOUS WASTE	UNIT	50,000	1.00	$50,000.00
*	JT154005	EMERGENCY PAVEMENT AND SHOULDER REPAIRS	UNIT	100,000	1.00	$100,000.00
*	JT154008	UNFORESEEN ADDITIONAL MAINTENANCE OF TRAFFIC	UNIT	100,000	1.00	$100,000.00
*	JT154016	ALLOWANCE FOR UNFORESEEN EROSION CONTROL MEASURES	UNIT	25,000	1.00	$25,000.00
*	JT154044	CONTRACT ALLOWANCE FOR UNSUITABLE SOIL AND HAZARDOUS WASTE REMOVAL	UNIT	25,000	1.00	$25,000.00
*	JT154062	CONTRACT ALLOWANCE FOR MAINTAIN INTELLIGENT TRANSPORTATION SYTEM REPAIR	UNIT	25,000	1.00	$25,000.00
*	JT154067	CONTRACT ALLOWANCE FOR CONSTRUCTIONWORKS APPRENTICES	UNIT	100,000	1.00	$100,000.00
*	JT154070	CONTRACT ALLOWANCE FOR EMERGENCY BRIDGE DECK REPAIRS AND TRAFFIC CONTROL	UNIT	1,000,000	1.00	$1,000,000.00
*	JT154102	ALLOWANCE FOR RAILROAD FLAGGING	UNIT	3,000,000	1.00	$3,000,000.00
*	JT154148	ALLOWANCE FOR CAUSEWAY FLOOD PROTECTION	UNIT	100,000	1.00	$100,000.00
*	JT154150	ALLOWANCE FOR STEEL COSTS ADJUSTMENT	UNIT	300,000	1.00	$300,000.00
*	JT154160	ALLOWANCE FOR FUEL COSTS ADJUSTMENT	UNIT	40,000	1.00	$40,000.00
*	JT154161	ALLOWANCE FOR BITUMINOUS MATERIALS COSTS ADJUSTMENT	UNIT	25,000	1.00	$25,000.00
*	JT154194	ALLOWANCE FOR UNIDENTIFIED OBSTRUCTIONS	UNIT	450,000	1.00	$450,000.00

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	999NEG20	DAMAGES TO ILLINOIS TOLLWAY'S OPERATIONAL FACILITIES PER S.P. 115.5 - TRI-STATE	OCCUR		(10,000.00)	
	999NEG30	DAMAGES TO ILLINOIS TOLLWAY'S OPERATIONAL FACILITIES PER S.P. 115.5 - ALL ROADWAYS OFF-PEAK	OCCUR		(2,000.00)	
	999NEG31	DAMAGE TO ELECTRICAL FACILITIES PER TOLLWAY SUPPL. SPEC. 107.30(b)	INC/DAY		(1,000.00)	
	999NEG32	LIQUIDATED DAMAGES FOR DELAY IN SUBMITTAL OF PROGRESS SCHEDULE PER TOLLWAY SUPPL. SPEC. 108.02(e)	DAY		(300.00)	
	999NEG33	NON-COMPLIANCE WITH EROSION AND SEDIMENT CONTROL PER TOLLWAY SUPPL. SPEC 280.02 (b) (1)	INC/DAY		See Note 1	
	999NEG34	NON-COMPLIANCE WITH RESPONSIBILITY FOR CONSTRUCTION HAULING EQUIPMENT PER TOLLWAY SUPPL. SPEC. 105.15	DAY		(1,000.00)	
	999NEG35	FAILURE TO RESPOND TO REGULATORY AGENCY REQUESTS, PER TOLLWAY SUPPL. SPEC. 280.02 (b) (2)	OCCUR		(25,000.00)	
	999NEG36	FAILURE TO COMPLY WITH OCCUPANCY DATE OR PROVIDE COMPLETE FACILITIES. FIELD OFFICE OR LAB PER TOLLWAY SUPPL. SPEC. 670.01 (b)	DAY		(500.00)	
	999NEG37	NON-COMPLIANCE WITH TOLLWAY MAINTENANCE OF TRAFFIC PER TOLLWAY SUPPL. SPEC. 701.01 (b)(1)	INC/DAY		(2,500.00)	
	999NEG38	FAILURE TO RESPOND TO RE-ESTABLISH DEVICES PER TOLLWAY SUPPL. SPEC. 701.01 (b)(2)	OCCUR		(2,500.00)	
	999NEG39	FAILURE TO REPAIR IMPACT ATTENUATORS, TEMPORARY PER TOLLWAY SUPPL. SPEC. 701.01 (b)(3)	OCCUR		(2,500.00)	
	999NEG40	LOSS OR DAMAGE TO TOLLWAY OWNED DEVICES PER TOLLWAY SUPPL. SPEC. 701.01 (b)(4)	SQ. FT.		(100.00)	
	999NEG41	NON-COMPLIANCE WITH IDOT MAINTENANCE OF TRAFFIC PER TOLLWAY SUPPL. SPEC. 701.01 (b)(5)	INC/DAY		(2,500.00)	
	999NEG42	NON-COMPLIANCE WITH MAINTAIN LIGHTING SYSTEM, PER TOLLWAY SUPPL. SPEC. 846.06 (a)	INC/DAY		(1,000.00)	
	999NEG43	FAILURE TO RESPOND TO MAINTAIN LIGHTING SYSTEM, PER TOLLWAY SUPPL. SPEC. 846.06 (b)	OCCUR		(1,000.00)	

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	999NEG44	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.1	CAL DAY		(22,000.00)	
	999NEG45	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.2	CAL DAY		(22,000.00)	
	999NEG46	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.3	CAL DAY		(22,000.00)	
	999NEG47	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.4	CAL DAY		(22,000.00)	
	999NEG49	DAMAGE TO FIBER OPTIC UTILITIES, PER S.P. 115.3	OCCUR		(10,000.00)	
	999NEG54	DAMAGE TO TOLLWAY MULTI-MODE CABLE, DMS SIGNS, CAMERAS, TELECOMMUNICATION, CABLE, ELECTRICAL, WATER, AND SEWER PER S.P. 115.4	OCCUR		(1,000.00)	
	999NEG89	NON-COMPLIANCE WITH MAXIMUM ALLOWABLE SHUTDOWN	HOUR		(10,000.00)	
	999NEG90	ONE LANE OR RAMP BLOCKED PER S.P. FAILURE TO OPEN LANES TO TRAFFIC	15 MINUTES		(3,000.00)	
	999NEG91	TWO LANES BLOCKED PER S.P. FAILURE TO OPEN LANES TO TRAFFIC	15 MINUTES		(5,000.00)	

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
		ADJUSTMENTS				
	999ADJ20	PROTECTION METHOD I FOR CONCRETE IN SUBSTRUCTURES, CULVERTS, PUMP HOUSES AND RETAINING WALLS AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ21	PROTECTION METHOD II FOR CONCRETE IN SUBSTRUCTURES, CULVERTS, PUMP HOUSES, AND RETAINING WALLS AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ22	PROTECTION METHOD I FOR CONCRETE IN SUPERSTRUCTURES AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ23	PROTECTION METHOD II FOR CONCRETE IN SUPERSTRUCTURES AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ24	PROTECTION METHODS I, II OR III FOR CONCRETE IN FOOTINGS AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ25	PROTECTION METHOD I FOR CONCRETE IN SLOPE WALLS AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ30	CHILLING PROCEDURE FOR HIGH PERFORMANCE CONCRETE AS PER SPECIAL PROVISION FOR HIGH PERFORMANCE CONCRETE STRUCTURES			SEE NOTE 1	
	999ADJ45	CONSTRUCTIONWORKS APPRENCTICES WAGE RATE PAYMENT	HOUR		15.00	
AMOUNT OF CONTRACTOR'S QUALITY PROGRAM (CQP) + TOTAL AMOUNT OF CONTINGENCY WORK						$9,640,000.00

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
		TOTAL AMOUNT OF CORE WORK + AMOUNT OF CONTRACTOR'S QUALITY PROGRAM (CQP) + TOTAL AMOUNT OF CONTINGENCY WORK = TOTAL AMOUNT OF BASE BID				
		BID CREDIT				
		AWARD CRITERIA				

S.P. COLUMN LEGEND

* INDICATES SPECIAL PROVISION

** INDICATES TOLLWAY SUPPLEMENTAL SPECIFICATIONS

*** INDICATES IDOT SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

BDE INDICATES IDOT BDE SPECIAL PROVISION

GBSP INDICATES IDOT GBSP SPECIAL PROVISION

D1 INDICATES IDOT D1 SPECIAL PROVISION

NOTE 1: THE CONTRACTOR SHOULD LEAVE THE UNIT PRICE VALUE BLANK. THE UNIT PRICE WILL BE ENTERED BY THE TOLLWAY AFTER RECEIPT OF BIDS.

ILLINOIS STATE TOLL HIGHWAY AUTHORITY (ILLINOIS TOLLWAY)
SPECIAL PROVISIONS
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
M.P. 20.7 TO M.P. 22.3
STATION 5096+23.33 TO STATION 1176+62.01
VOLUME II, III, IV, V, VI, VII, & VIII

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S.P. 103 CONTRACT COMPLETION DATE, SUBSTANTIAL AND INTERIM COMPLETION DATES

S.P. 103.1 CONTRACT COMPLETION DATE

The Contractor shall complete all work under this Agreement for the performance of Contract I-18-4430 on or before 11:59 p.m. on **December 21, 2020** and as specified in Article 108.05 of the Illinois Tollway Supplemental Specifications.

S.P. 103.2 SUBSTANTIAL COMPLETION DATE

The Contractor shall have completed all roadway and bridge work, shoulder work, installation of permanent pavement markings, installation of permanent signing, installation of permanent lighting and establishment of the traffic lanes to the final proposed traffic lane configuration such that permanent lane closures are no longer required under this Agreement for the performance of Contract I-18-4430 on or before 11:59 p.m. on **November 9, 2020**.

S.P. 103.3 INTERIM COMPLETION DATE

Tree removal is vital to utility relocation work on this contract and is considered included in the critical path. The clearing of trees within the right-of-way will allow utility companies access of the available right-of-way for the purpose of utility relocations. The Contractor shall begin tree removal no later than 10 days after the Notice to Proceed. All tree removal work shall be completed no later than 60 calendar days after the Notice to Proceed date.

The Contractor will be permitted access through the Village of Willow Springs neighborhood located south of the I&M Canal and I-294, West of LaGrange Rd, and North of Archer Ave., via Beverly Lane and Vana St. access points on WB Archer Ave. This access shall be permitted for a time period not to exceed 180 calendar days from the contractors first use of said access, and shall be in accordance with the hours provided in SP 109.

Temporary traffic control including all the temporary pavement markings, signage, and traffic control devices shall be set up and constructed as shown in the Stage 1 Maintenance of Traffic Plan on or before **October 5, 2019**. This traffic configuration shall not be modified prior to **May 22, 2020**.

S.P. 103.4 INTERIM COMPLETION DATE

Ramp C and D temporary traffic shall be in the configuration shown on Drawing No. 162 on or before **November 1, 2019**. The Contractor will be allowed to modify the temporary traffic configuration after this date only for short term durations and with advance written permission from the Engineer.

S.P. 104 NOTICE TO PROCEED/COMMENCEMENT OF ON-SITE WORK

In accordance with Article 103.08 of the Illinois Tollway Supplemental Specifications, it is anticipated the Notice to Proceed will be issued after the

Contract is approved by all parties; including a work commencement date no earlier than **June 12, 2019**. The Illinois Tollway will not issue the Notice to Proceed until all documents required by the Contract, including bonding and insurance requirements, are submitted by the Contractor and approved by the Illinois Tollway. A Time Extension Request shall not be considered should the Notice to Proceed be delayed due to the failure of the Contractor to submit contract documents in compliance with the specified requirements. There shall be no damages or additional compensation due the Contractor for delays, if any, in issuing the Notice to Proceed.

S.P. 104.1 WORK RESTRICTIONS WITHIN CONTRACT I-18-4430

It is expected that the Contractor schedule and perform construction activities within areas which are made available and do not conflict with utility relocation activities as soon as possible. No extension of the contract completion date or interim completion date will be made should the Contractor elect to not perform work in areas as they become available for construction activities.

The Suggested Construction Access plan is based on the property acquisition dates provided in SP 118.

Contractor shall cooperate with and not impede Contract I-18-4431 whose work begins on or after the Contract I-18-4430 Substantial Completion Date.

LIQUIDATED DAMAGES FOR DELAY(S) AND INCENTIVE PLAN(S)

S.P. 105.1 LIQUIDATED DAMAGES

S.P. 105.1.1 Liquidated Damages for Non-Completion per S.P. 103.1

In accordance with the provisions of Article 108.09 of the Illinois Tollway Supplemental Specifications, the Contractor shall pay to the Illinois Tollway the sum of **$22,000.00** per day, as liquidated damages for each and every calendar day beyond the Completion Date stipulated in S.P. 103.1 that the work, or any part thereof, remains incomplete.

S.P. 105.1.2 Liquidated Damages for Non-Completion per S.P. 103.2

In accordance with the provisions of Article 108.09 of the Illinois Tollway Supplemental Specifications, the Contractor shall pay to the Illinois Tollway the sum of **$22,000.00** per day, as liquidated damages for each and every calendar day beyond the Substantial Completion Date stipulated in S.P. 103.2 that the work, or any part thereof, remains incomplete.

S.P. 105.1.3 Liquidated Damages for Non-Completion per S.P. 103.3

In accordance with the provisions of Article 108.09 of the Illinois Tollway Supplemental Specifications, the Contractor shall pay to the Illinois Tollway the sum of **$22,000.00** per day, as liquidated damages for each and every calendar day beyond the Interim Completion Date stipulated in S.P. 103.3 that the work, or any part thereof, remains incomplete.

S.P. 105.1.4 Liquidated Damages for Non-Completion per S.P. 103.4

In accordance with the provisions of Article 108.09 of the Illinois Tollway Supplemental Specifications, the Contractor shall pay to the Illinois Tollway the sum of **$22,000.00** per day, as liquidated damages for each and every calendar day beyond the Interim Completion Date stipulated in S.P. 103.4 that the work, or any part thereof, remains incomplete.

S.P. 105.2 COMPLETION INCENTIVE PAYMENT PLAN(S)

NOT USED

S.P. 106.1 COORDINATION WITH ILLINOIS DEPARTMENT OF TRANSPORTATION

Coordination with the Illinois Department of Transportation (IDOT) shall be as follows:

For construction on or adjacent to any State Highways, the Contractor will be required to contact IDOT to secure necessary permits and obtain written authorization for any work or lane closures on the aforementioned roadway.

The Contractor is required to execute permit forms and provide a bond to IDOT to allow for securing a Highway Permit for access to the IDOT right-of-way for the purpose of performing the contract work. The bond shall be furnished in the amount of $1,000,000. A highway permit is required to be secured from IDOT for access to IDOT right of way for purposes of completing the work. The Contactor will not be allowed access to IDOT right-of-way prior to receiving the Highway Permit from IDOT. The Contractor shall include the date of anticipated IDOT Permit approval on the Baseline Progress Schedule and on the Revised Baseline Progress Schedule, submitted as required by Article 108.02 of the Tollway Supplemental Specifications. The IDOT Highway Permit is anticipated to be secured no earlier than July 28th, 2019. The Contractor will not be allowed access to IDOT right-of-way prior to July 28th, 2019 and will not be due additional compensation nor will an extension of time be granted should access to IDOT right-of-way not be allowed prior to July 28th, 2019.

The Contractor shall give IDOT 14 calendar days' notice prior to commencement of any work on or affecting a State highway, so as to provide the opportunity to alert the motoring public of possible delays.

Where State highways will be affected by the construction of the Toll Highway, the Contractor shall have responsibility for the installation, maintenance, relocation and removal of temporary and permanent traffic control devices along the State highways in accordance with IDOT Standards and Specifications.

This contract (I-18-4430) abuts and/or overlaps with other concurrent and future IDOT contracts as listed below. Each contract includes work items requiring close coordination between the various Contractors regarding the sequence and timing for execution of work items. This contract also includes critical work items that affect the future staging of traffic and the completion dates of other contracts. These critical items along with their completion dates are listed after each contract.

1. IDOT Contract No. None

   Critical Items affecting the above contract:
   a. None

The Contractor shall be required to meet regularly with IDOT and Illinois Tollway representatives to keep them abreast of traffic phase changes and shall provide a minimum 24-hour notice of said changes. The Contractor shall be required to comply with all IDOT traffic control requirements, including the specifications for lane closures contained in the final plans and specifications. Such lane closures must be reviewed and approved by IDOT prior to implementation. The Contractor

Burlington Northern Santa Fe Railway Co. (BNSF)
Jones Lang LaSalle Brokerage, Inc.
Attn: Permit Services
4200 Buckingham, Ste.110
Ft. Worth, TX 76155
P: (817) 230-2600
F: (817) 306-8265
Temporary Occupancy Permit Application Fee: $800
Temporary Occupancy Permit: $5,000 (estimated, to be determined by Railroad At time of Permit Approval)
Private Crossing Permit Fee: $800
Flagging: $1,300/Normal Day

See additional information that follows.

EXHIBIT "C"

CONTRACTOR REQUIREMENTS

1.01 General:

- **1.01.01** The Contractor must cooperate with **BNSF RAILWAY COMPANY**, hereinafter referred to as "**Railway**" where work is over or under on or adjacent to Railway property and/or right-of-way, hereafter referred to as "Railway Property", during the construction of I-294 Tollway Overpass (004339F) reconstruction.

- **1.01.02** The Contractor must execute and deliver to the Railway duplicate copies of the Exhibit "C-1" Agreement, in the form attached hereto, obligating the Contractor to provide and maintain in full force and effect the insurance called for under Section 3 of said Exhibit "C-1". Questions regarding procurement of the Railroad Protective Liability Insurance should be directed to Rosa Martinez or designated successor at Marsh, USA, 214-303-8519.

- **1.01.03** The Contractor must plan, schedule and conduct all work activities so as not to interfere with the movement of any trains on Railway Property.

- **1.01.04** The Contractor's right to enter Railway's Property is subject to the absolute right of Railway to cause the Contractor's work on Railway's Property to cease if, in the opinion of Railway, Contractor's activities create a hazard to Railway's Property, employees, and/or operations. Railway will have the right to stop construction work on the Project if any of the following events take place: (i) Contractor (or any of its subcontractors) performs the Project work in a manner contrary to the plans and specifications approved by Railway; (ii) Contractor (or any of its subcontractors), in Railway's opinion, prosecutes the Project work in a manner which is hazardous to Railway property, facilities or the safe and expeditious movement of railroad traffic; (iii) the insurance described in the attached Exhibit C-1 is canceled during the course of the Project; or (iv) Contractor fails to pay Railway for the Temporary Construction License or the Easement. The work stoppage will continue until all necessary actions are taken by Contractor or its subcontractor to rectify the situation to the satisfaction of Railway's Division Engineer or until additional insurance has been delivered to and accepted by Railway. In the event of a breach of (i) this Agreement, (ii) the Temporary Construction License, or (iii) the Easement, Railway may immediately terminate the Temporary Construction License or the Easement. Any such work stoppage under this provision will not give rise to any liability on the part of Railway. Railway's right to stop the work is in addition to any other rights Railway may have including, but not limited to, actions or suits for damages or lost profits. In the event that Railway desires to stop construction work on the Project, Railway agrees to immediately notify the following individual in writing:

David McGibbon
Chief Engineering Officer
Illinois Tollway

- **1.01.05** The Contractor is responsible for determining and complying with all applicable Federal, State and Local Governmental laws and regulations, including, but not limited to environmental laws and regulations (including but not limited to the Resource Conservation and Recovery Act, as amended; the Clean Water Act, the Oil Pollution Act, the Hazardous Materials Transportation Act, CERCLA), and health and safety laws and regulations. The Contractor hereby indemnifies, defends and holds harmless Railway for, from and against all fines or penalties imposed or assessed by Federal, State and Local Governmental Agencies against the Railway which arise out of Contractor's work under this Agreement.

- **1.01.06** The Contractor must notify the Illinois State Highway Toll Authority at 630-241-6800 and Railway's Manager Public Projects, telephone number 763-782-3495_at least thirty (30) calendar days before commencing any work on Railway Property. Contractor's notification to Railway must refer to Railway's file Asset MP 16.05.

- **1.01.07** For any bridge demolition and/or falsework above any tracks or any excavations located with any part of the excavations located within, whichever is greater, twenty-five (25) feet of the nearest track or intersecting a slope from the plane of the top of rail on a 2 horizontal to 1 vertical slope beginning at eleven (11) feet from centerline of the nearest track, both measured perpendicular to center line of track, the Contractor must furnish the Railway five sets of working drawings showing details of construction affecting Railway Property and tracks. The working drawing must include the proposed method of installation and removal of falsework, shoring or cribbing, not included in the contract plans and two sets of structural calculations of any falsework, shoring or cribbing. For all excavation and shoring submittal plans, the current "BNSF-UPRR Guidelines for Temporary Shoring" must be used for determining the design loading conditions to be used in shoring design, and all calculations and submittals must be in accordance with the current "BNSF-UPRR Guidelines for Temporary Shoring". All submittal drawings and calculations must be stamped by a registered professional engineer licensed to practice in the state the Project is located. All calculations must take into consideration railway surcharge loading and must be designed to meet American Railway Engineering and Maintenance-of-Way Association (previously known as American Railway Engineering Association) Coopers E-80 live loading standard. All drawings and calculations must be stamped by a registered professional engineer licensed to practice in the state the Project is located. The Contractor must not begin work until notified by the Railway that plans have been approved. The Contractor will be required to use lifting devices such as, cranes and/or winches to place or to remove any falsework over Railway's tracks. In no case will the Contractor be relieved of responsibility for results obtained by the implementation of said approved plans.

- **1.01.08** Subject to the movement of Railway's trains, Railway will cooperate with the Contractor such that the work may be handled and performed in an efficient manner.

The Contractor will have no claim whatsoever for any type of damages or for extra or additional compensation in the event his work is delayed by the Railway.

1.02 Contractor Safety Orientation

- **1.02.01 No employee of the Contractor, its subcontractors, agents or invitees may enter Railway Property without first having completed Railway's Engineering Contractor Safety Orientation, found on the web site www.BNSFContractor.com. The Contractor must ensure that each of its employees, subcontractors, agents or invitees completes Railway's Engineering Contractor Safety Orientation through internet sessions before any work is performed on the Project. Additionally, the Contractor must ensure that each and every one of its employees, subcontractors, agents or invitees possesses a card certifying completion of the Railway Contractor Safety Orientation before entering Railway Property. The Contractor is responsible for the cost of the Railway Contractor Safety Orientation. The Contractor must renew the Railway Contractor Safety Orientation annually. Further clarification can be found on the web site or from the Railway's Representative.**

1.03 Railway Requirements

- **1.03.01** The Contractor must take protective measures as are necessary to keep railway facilities, including track ballast, free of sand, debris, and other foreign objects and materials resulting from his operations. Any damage to railway facilities resulting from Contractor's operations will be repaired or replaced by Railway and the cost of such repairs or replacement must be paid for by the Agency.

- **1.03.02** The Contractor must notify the Railway's Division Engineer Calvin Nutt at (763)782-3495 and provide blasting plans to the Railway for review seven (7) calendar days prior to conducting any blasting operations adjacent to or on Railway's Property.

- **1.03.03** The Contractor must abide by the following temporary clearances during construction:

  - 15'-0" Horizontally from centerline of nearest track
  - 21'-6" Vertically above top of rail
  - 27'-0" Vertically above top of rail for electric wires carrying less than 750 volts
  - 28'-0" Vertically above top of rail for electric wires carrying 750 volts to 15,000 volts
  - 30'-0" Vertically above top of rail for electric wires carrying 15,000 volts to 20,000 volts
  - 34'-0" Vertically above top of rail for electric wires carrying more than 20,000 volts

- **1.03.04** Upon completion of construction, unless otherwise approved, the horizontal clearances in the approved Project Plans shall be maintained:

- **1.03.05** Any infringement within State statutory clearances due to the Contractor's operations must be submitted to the Railway and to the Illinois State Highway Toll Authority and must not be undertaken until approved in writing by the Railway, and until the Illinois State Highway Toll Authority has obtained any necessary authorization from the State Regulatory Authority for the infringement. No extra compensation will be allowed in the event the Contractor's work is delayed pending Railway approval, and/or the State Regulatory Authority's approval.

- **1.03.06** In the case of impaired vertical clearance above top of rail, Railway will have the option of installing tell-tales or other protective devices Railway deems necessary for protection of Railway operations. The cost of tell-tales or protective devices will be borne by the Agency.

- **1.03.07** The details of construction affecting the Railway's Property and tracks not included in the contract plans must be submitted to the Railway by the Illinois State Highway Toll Authority for approval before work is undertaken and this work must not be undertaken until approved by the Railway.

- **1.03.08** At other than public road crossings, the Contractor must not move any equipment or materials across Railway's tracks until permission has been obtained from the Railway. The Contractor must obtain a "Temporary Construction Crossing Agreement" from the Railway prior to moving his equipment or materials across the Railways tracks. The temporary crossing must be gated and locked at all times when not required for use by the Contractor. The temporary crossing for use of the Contractor will be constructed and, at the completion of the Project, removed at the expense of the Contractor.

- **1.03.09** Discharge, release or spill on the Railway Property of any hazardous substances, oil, petroleum, constituents, pollutants, contaminants, or any hazardous waste is prohibited and Contractor must immediately notify the Railway's Resource Operations Center at 1(800) 832-5452, of any discharge, release or spills in excess of a reportable quantity. Contractor must not allow Railway Property to become a treatment, storage or transfer facility as those terms are defined in the Resource Conservation and Recovery Act or any state analogue.

- **1.03.10** The Contractor, upon completion of the work covered by this contract, must promptly remove from the Railway's Property all of Contractor's tools, equipment, implements and other materials, whether brought upon said property by said Contractor or any Subcontractor, employee or agent of Contractor or of any Subcontractor, and must cause Railway's Property to be left in a condition acceptable to the Railway's representative.

1.04 Contractor Roadway Worker on Track Safety Program and Safety Action Plan:

- **1.04.01** Each Contractor that will perform work within 25 feet of the centerline of a track must develop and implement a Roadway Worker Protection/On Track Safety Program and work with Railway Project Representative to develop an on track safety strategy as described in the guidelines listed in the on track safety portion of the Safety Orientation. This Program must provide Roadway Worker protection/on track training for

all employees of the Contractor, its subcontractors, agents or invitees. This training is reinforced at the job site through job safety briefings. Additionally, each Contractor must develop and implement the Safety Action Plan, as provided for on the web site **www.BNSFContractor.com**, which will be made available to Railway prior to commencement of any work on Railway Property. During the performance of work, the Contractor must audit its work activities. The Contractor must designate an on-site Project Supervisor who will serve as the contact person for the Railway and who will maintain a copy of the Safety Action Plan, safety audits, and Material Safety Datasheets (MSDS), at the job site.

- **1.04.02** Contractor shall have a background investigation performed on all of its employees, subcontractors and agents who will be performing any services for Railroad under this Agreement which are determined by Railroad in its sole discretion **a)** to be on Railroad's property, or **b)** that require access to Railroad Critical Infrastructure, Railroad Critical Information Systems, Railroad's Employees, Hazardous Materials on Railroad's property or is being transported by or otherwise in the custody of Railroad, or Freight in Transit involving Railroad.

The required background screening shall at a minimum meet the rail industry background screening criteria defined by the e-RAILSAFE Program as outlined at **www.everifile.com**, in addition to any other applicable regulatory requirements.

Contractor shall obtain written consent from all its employees, subcontractors or agents screened in compliance with the e-RAILSAFE Program to participate in the Program on their behalf and to release completed background information to Railroad's designee. Contractor shall be subject to periodic audit to ensure compliance.

Contractor subject to the e-RAILSAFE Program hereunder shall not permit any of its employees, subcontractors or agents to perform services hereunder who are not first approved under e-RAILSAFE Program standards. Railroad shall have the right to deny entry onto its property, including the License Premises or access as described in this section above to any of Contractor's employees, subcontractors or agents who do not display the authorized identification badge issued by a background screening service meeting the standards set forth in the e-RAILSAFE Program, or who in Railroad's opinion, which may not be unreasonable, may pose a threat to the safety or security of Railroad's operations, assets or personnel.

Contractors shall be responsible for ensuring that its employees, subcontractors and agents are United States citizens or legally working in the United States under a lawful and appropriate work VISA or other work authorization.

1.05 Railway Flagger Services:

- **1.05.01** The Contractor must give Railway's **Roadmaster (Jamey Blydenburgh) (telephone 719-281-5455)** a minimum of thirty (30) calendar days advance notice when flagging services will be required so that the Roadmaster can make appropriate arrangements (i.e., bulletin the flagger's position). If flagging services are scheduled in advance by the Contractor and it is subsequently determined by the parties hereto that

such services are no longer necessary, the Contractor must give the Roadmaster five (5) working days advance notice so that appropriate arrangements can be made to abolish the position pursuant to union requirements.

- **1.05.02** Unless determined otherwise by Railway's Project Representative, Railway flagger will be required and furnished when Contractor's work activities are located over, under and/or within twenty-five (25) feet measured horizontally from centerline of the nearest track and when cranes or similar equipment positioned beyond 25-feet from the track centerline could foul the track in the event of tip over or other catastrophic occurrence, but not limited thereto for the following conditions:

- **1.05.02a** When, upon inspection by Railway's Representative, other conditions warrant.

- **1.05.02b** When any excavation is performed below the bottom of tie elevation, if, in the opinion of Railway's representative, track or other Railway facilities may be subject to movement or settlement.

- **1.05.02c** When work in any way interferes with the safe operation of trains at timetable speeds.

- **1.05.02d** When any hazard is presented to Railway track, communications, signal, electrical, or other facilities either due to persons, material, equipment or blasting in the vicinity.

- **1.05.02e** Special permission must be obtained from the Railway before moving heavy or cumbersome objects or equipment which might result in making the track impassable.

- **1.05.03** Flagging services will be performed by qualified Railway flaggers.

- **1.05.03a** Flagging crew generally consists of one employee. However, additional personnel may be required to protect Railway Property and operations, if deemed necessary by the Railways Representative.

- **1.05.03b** Each time a flagger is called, the minimum period for billing will be the eight (8) hour basic day.

- **1.05.03c** The cost of flagger services provided by the Railway will be borne by **(Agency)**. The estimated cost for one (1) flagger is approximately between $800.00-$1,600.00 for an eight (8) hour basic day with time and one-half or double time for overtime, rest days and holidays. The estimated cost for each flagger includes vacation allowance, paid holidays, Railway and unemployment insurance, public liability and property damage insurance, health and welfare benefits, vehicle, transportation, meals, lodging, radio, equipment, supervision and other costs incidental to performing flagging services. Negotiations for Railway labor or collective bargaining agreements and rate changes authorized by appropriate Federal authorities may increase actual or estimated flagging rates. **THE FLAGGING RATE IN EFFECT AT THE TIME OF PERFORMANCE BY THE CONTRACTOR HEREUNDER**

WILL BE USED TO CALCULATE THE ACTUAL COSTS OF FLAGGING PURSUANT TO THIS PARAGRAPH.

- **1.05.03d** The average train traffic on this route is _____ freight trains per 24-hour period at a timetable speed _____ MPH and _____ passenger trains at a timetable speed of _____ MPH.

1.06 Contractor General Safety Requirements

- **1.06.01** Work in the proximity of railway track(s) is potentially hazardous where movement of trains and equipment can occur at any time and in any direction. All work performed by contractors within 25 feet of any track must be in compliance with FRA Roadway Worker Protection Regulations.

- **1.06.02** Before beginning any task on Railway Property, a thorough job safety briefing must be conducted with all personnel involved with the task and repeated when the personnel or task changes. If the task is within 25 feet of any track, the job briefing must include the Railway's flagger, as applicable, and include the procedures the Contractor will use to protect its employees, subcontractors, agents or invitees from moving any equipment adjacent to or across any Railway track(s).

- **1.06.03** Workers must not work within 25 feet of the centerline of any track without an on track safety strategy approved by the Railway's Project Representative. When authority is provided, every contractor employee must know: (1) who the Railway flagger is, and how to contact the flagger, (2) limits of the authority, (3) the method of communication to stop and resume work, and (4) location of the designated places of safety. Persons or equipment entering flag/work limits that were not previously job briefed, must notify the flagger immediately, and be given a job briefing when working within 25 feet of the center line of track.

- **1.06.04** When Contractor employees are required to work on the Railway Property after normal working hours or on weekends, the Railway's representative in charge of the Project must be notified. A minimum of two employees must be present at all times.

- **1.06.05** Any employees, agents or invitees of Contractor or its subcontractors under suspicion of being under the influence of drugs or alcohol, or in the possession of same, will be removed from the Railway's Property and subsequently released to the custody of a representative of Contractor management. Future access to the Railway's Property by that employee will be denied.

- **1.06.06** Any damage to Railway Property, or any hazard noticed on passing trains must be reported immediately to the Railway's representative in charge of the Project. Any vehicle or machine which may come in contact with track, signal equipment, or structure (bridge) and could result in a train derailment must be reported immediately to the Railway representative in charge of the Project and to the Railway's Resource Operations Center at 1(800) 832-5452. Local emergency numbers are to be obtained from the Railway representative in charge of the Project prior to the start of any work and must be posted at the job site.

- **1.06.07** For safety reasons, all persons are prohibited from having pocket knives, firearms or other deadly weapons in their possession while working on Railway's Property.

- **1.06.08** All personnel protective equipment (PPE) used on Railway Property must meet applicable OSHA and ANSI specifications. Current Railway personnel protective equipment requirements are listed on the web site, **www.BNSFContractor.com**, however, a partial list of the requirements include: a) safety glasses with permanently affixed side shields (no yellow lenses); b) hard hats; c) safety shoe with: hardened toes, above-the-ankle lace-up and a defined heel; and d) high visibility retro-reflective work wear. The Railway's representative in charge of the Project is to be contacted regarding local specifications for meeting requirements relating to hi-visibility work wear. Hearing protection, fall protection, gloves, and respirators must be worn as required by State and Federal regulations. **(NOTE – Should there be a discrepancy between the information contained on the web site and the information in this paragraph, the web site will govern.)**

- **1.06.09 THE CONTRACTOR MUST NOT PILE OR STORE ANY MATERIALS, MACHINERY OR EQUIPMENT CLOSER THAN 25'-0" TO THE CENTER LINE OF THE NEAREST RAILWAY TRACK. MATERIALS, MACHINERY OR EQUIPMENT MUST NOT BE STORED OR LEFT WITHIN 250 FEET OF ANY HIGHWAY/RAIL AT-GRADE CROSSINGS OR TEMPORARY CONSTRUCTION CROSSING, WHERE STORAGE OF THE SAME WILL OBSTRUCT THE VIEW OF A TRAIN APPROACHING THE CROSSING. PRIOR TO BEGINNING WORK, THE CONTRACTOR MUST ESTABLISH A STORAGE AREA WITH CONCURRENCE OF THE RAILWAY'S REPRESENTATIVE.**

- **1.06.10** Machines or vehicles must not be left unattended with the engine running. Parked machines or equipment must be in gear with brakes set and if equipped with blade, pan or bucket, they must be lowered to the ground. All machinery and equipment left unattended on Railway's Property must be left inoperable and secured against movement. (See internet Engineering Contractor Safety Orientation program for more detailed specifications)

- **1.06.11** Workers must not create and leave any conditions at the work site that would interfere with water drainage. Any work performed over water must meet all Federal, State and Local regulations.

- **1.06.12** All power line wires must be considered dangerous and of high voltage unless informed to the contrary by proper authority. For all power lines the minimum clearance between the lines and any part of the equipment or load must be; 200 KV or below - 15 feet; 200 to 350 KV - 20 feet; 350 to 500 KV - 25 feet; 500 to 750 KV - 35 feet; and 750 to 1000 KV - 45 feet. If capacity of the line is not known, a minimum clearance of 45 feet must be maintained. A person must be designated to observe clearance of the equipment and give a timely warning for all operations where it is difficult for an operator to maintain the desired clearance by visual means.

1.07 Excavation:

- **1.07.01** Before excavating, the Contractor must determine whether any

underground pipe lines, electric wires, or cables, including fiber optic cable systems are present and located within the Project work area. The Contractor must determine whether excavation on Railway's Property could cause damage to buried cables resulting in delay to Railway traffic and disruption of service to users. Delays and disruptions to service may cause business interruptions involving loss of revenue and profits. Before commencing excavation, the Contractor must contact **BNSF's Field Engineering Representative (Calvin Nutt).** All underground and overhead wires will be considered HIGH VOLTAGE and dangerous until verified with the company having ownership of the line. **It is the Contractor's responsibility to notify any other companies that have underground utilities in the area and arrange for the location of all underground utilities before excavating.**

- **1.07.02** The Contractor must cease all work and notify the Railway immediately before continuing excavation in the area if obstructions are encountered which do not appear on drawings. If the obstruction is a utility and the owner of the utility can be identified, then the Contractor must also notify the owner immediately. If there is any doubt about the location of underground cables or lines of any kind, no work must be performed until the exact location has been determined. There will be no exceptions to these instructions.

- **1.07.03** All excavations must be conducted in compliance with applicable OSHA regulations and, regardless of depth, must be shored where there is any danger to tracks, structures or personnel.

- **1.07.04** Any excavations, holes or trenches on the Railway's Property must be covered, guarded and/or protected when not being worked on. When leaving work site areas at night and over weekends, the areas must be secured and left in a condition that will ensure that Railway employees and other personnel who may be working or passing through the area are protected from all hazards. All excavations must be back filled as soon as possible.

1.08 Hazardous Waste, Substances and Material Reporting:

- **1.08.01** If Contractor discovers any hazardous waste, hazardous substance, petroleum or other deleterious material, including but not limited to any non-containerized commodity or material, on or adjacent to Railway's Property, in or near any surface water, swamp, wetlands or waterways, while performing any work under this Agreement, Contractor must immediately: (a) notify the Railway's Resource Operations Center at 1(800) 832-5452, of such discovery: (b) take safeguards necessary to protect its employees, subcontractors, agents and/or third parties: and (c) exercise due care with respect to the release, including the taking of any appropriate measure to minimize the impact of such release.

1.09 Personal Injury Reporting

- **1.09.01** The Railway is required to report certain injuries as a part of compliance with Federal Railroad Administration (FRA) reporting requirements. Any personal injury

sustained by an employee of the Contractor, subcontractor or Contractor's invitees while on the Railway's Property must be reported immediately (by phone mail if unable to contact in person) to the Railway's representative in charge of the Project. The Non-Employee Personal Injury Data Collection Form contained herein is to be completed and sent by Fax to the Railway at 1(817) 352-7595 and to the Railway's Project Representative no later than the close of shift on the date of the injury.

NON-EMPLOYEE PERSONAL INJURY DATA COLLECTION

(If injuries are in connection with rail equipment accident/incident, highway rail grade crossing accident or automobile accident, ensure that appropriate information is obtained, forms completed and that data entry personnel are aware that injuries relate to that specific event.)

Injured Person Type:

☐ Passenger on train (C)

☐ Non-employee (N)
(i.e., emp of another railroad, or, non-BNSF emp involved in vehicle accident, including company vehicles)

☐ Contractor/safety sensitive (F)

☐ Contractor/non-safety sensitive (G)

☐ Volunteer/safety sensitive (H)

☐ Volunteer/other non-safety sensitive (I)

☐ Non-trespasser (D) - to include highway users involved in highway rail grade crossing accidents who did not go around or through gates

☐ Trespasser (E) - to include highway users involved in highway rail grade crossing accidents who went around or through gates

☐ Non-trespasser (J) - Off railroad property

If train involved, Train ID: _____

Transmit attached information to Accident/Incident Reporting Center by:
Fax 1-817-352-7595 or by Phone 1-800-697-6736 **or email to: Accident-Reporting.Center@BNSF.com**

Officer Providing Information:

_____ _____ _____
(Name) (Employee No.) (Phone #)

REPORT PREPARED TO COMPLY WITH FEDERAL ACCIDENT REPORTING REQUIREMENTS AND PROTECTED FROM DISCLOSURE PURSUANT TO 49 U.S.C. 20903 AND 83 U.S.C. 490

EXHIBIT "C-1"

Agreement Between BNSF RAILWAY COMPANY and the CONTRACTOR

Railway File: _____

Agency Project: _____

Contractor Name (hereinafter called "Contractor"), has entered into an agreement (hereinafter called "Agreement") dated _____, 201_, with the Illinois State Highway Toll Authority for the performance of certain work in connection with the following Project: I-294 Tollway Overpass (004339F) reconstruction. Performance of such work will necessarily require Contractor to enter **BNSF RAILWAY COMPANY** (hereinafter called "Railway") right of way and property (hereinafter called "Railway Property"). The Agreement provides that no work will be commenced within Railway Property until the Contractor employed in connection with said work for the Illinois State Highway Toll Authority (i) executes and delivers to Railway an Agreement in the form hereof, and (ii) provides insurance of the coverage and limits specified in such Agreement and Section 3 herein. If this Agreement is executed by a party who is not the Owner, General Partner, President or Vice President of Contractor, Contractor must furnish evidence to Railway certifying that the signatory is empowered to execute this Agreement on behalf of Contractor.

Accordingly, in consideration of Railway granting permission to Contractor to enter upon Railway Property and as an inducement for such entry, Contractor, effective on the date of the Agreement, has agreed and does hereby agree with Railway as follows:

1) RELEASE OF LIABILITY AND INDEMNITY

Contractor hereby waives, releases, indemnifies, defends and holds harmless Railway for all judgments, awards, claims, demands, and expenses (including attorneys' fees), for injury or death to all persons, including Railway's and Contractor's officers and employees, and for loss and damage to property belonging to any person, arising in any manner from Contractor's or any of Contractor's subcontractors' acts or omissions or any work performed on or about Railway's property or right-of-way. **TO THE EXTENT ALLOWABLE BY LAW, THE LIABILITY ASSUMED BY CONTRACTOR WILL NOT BE AFFECTED BY THE FACT, IF IT IS A FACT, THAT THE DESTRUCTION, DAMAGE, DEATH, OR INJURY WAS OCCASIONED BY OR CONTRIBUTED TO BY THE NEGLIGENCE OF RAILWAY, ITS AGENTS, SERVANTS, EMPLOYEES OR OTHERWISE, EXCEPT TO THE EXTENT THAT SUCH CLAIMS ARE PROXIMATELY CAUSED BY THE INTENSIONAL MISCONDUCT OR GROSS NEGLIGENCE OF RAILWAY.**

THE INDEMNIFICATION OBLIGATION ASSUMED BY CONTRACTOR INCLUDES ANY CLAIMS, SUITS OR JUDGMENTS BROUGHT AGAINST RAILWAY UNDER THE FEDERAL EMPLOYEE'S LIABILITY ACT, INCLUDING CLAIMS FOR STRICT

LIABILITY UNDER THE SAFETY APPLIANCE ACT OR THE LOCOMOTIVE INSPECTION ACT, WHENEVER SO CLAIMED.

Contractor further agrees, at its expense, in the name and on behalf of Railway, that it will adjust and settle all claims made against Railway, and will, at Railway's discretion, appear and defend any suits or actions of law or in equity brought against Railway on any claim or cause of action arising or growing out of or in any manner connected with any liability assumed by Contractor under this Agreement for which Railway is liable or is alleged to be liable. Railway will give notice to Contractor, in writing, of the receipt or dependency of such claims and thereupon Contractor must proceed to adjust and handle to a conclusion such claims, and in the event of a suit being brought against Railway, Railway may forward summons and complaint or other process in connection therewith to Contractor, and Contractor, at Railway's discretion, must defend, adjust, or settle such suits and protect, indemnify, and save harmless Railway from and against all damages, judgments, decrees, attorney's fees, costs, and expenses growing out of or resulting from or incident to any such claims or suits.

In addition to any other provision of this Agreement, in the event that all or any portion of this Article shall be deemed to be inapplicable for any reason, including without limitation as a result of a decision of an applicable court, legislative enactment or regulatory order, the parties agree that this Article shall be interpreted as requiring Contractor to indemnify Railway to the fullest extent permitted by applicable law. **TO THE EXTENT ALLOWABLE BY LAW, THROUGH THIS AGREEMENT THE PARTIES EXPRESSLY INTEND FOR CONTRACTOR TO INDEMNIFY RAILWAY FOR RAILWAY'S ACTS OF NEGLIGENCE.**

It is mutually understood and agreed that the assumption of liabilities and indemnification provided for in this Agreement survive any termination of this Agreement.

2) TERM

This Agreement is effective from the date of the Agreement until (i) the completion of the Project set forth herein, and (ii) full and complete payment to Railway of any and all sums or other amounts owing and due hereunder.

3) INSURANCE

Contractor shall, at its sole cost and expense, procure and maintain during the life of this Agreement the following insurance coverage:

A. Commercial General Liability insurance. This insurance shall contain broad form contractual liability with a combined single limit of a minimum of $5,000,000 each occurrence and an aggregate limit of at least $10,000,000 but in no event less than the amount otherwise carried by the Contractor. Coverage must be purchased on a post 2004 ISO occurrence form or equivalent and include coverage for, but not limit to the following:

- Bodily Injury and Property Damage
- Personal Injury and Advertising Injury
- Fire legal liability
- Products and completed operations

This policy shall also contain the following endorsements, which shall be indicated on the certificate of insurance:

- The definition of insured contract shall be amended to remove any exclusion or other limitation for any work being done within 50 feet of railroad property.
- Waver of subrogation in favor of and acceptable to Railway.
- Additional insured endorsement in favor of and acceptable to Railway.
- Separation of insureds.
- The policy shall be primary and non-contributing with respect to any insurance carried by Railway.

It is agreed that the workers' compensation and employers' liability related exclusions in the Commercial General Liability insurance policy(s) required herein are intended to apply to employees of the policy holder and shall not apply to ***Railway*** employees.

No other endorsements limiting coverage as respects obligations under this Agreement may be included on the policy with regard to the work being performed under this agreement.

B. Business Automobile Insurance. This insurance shall contain a combined single limit of at least $1,000,000 per occurrence, and include coverage for, but not limited to the following:

- Bodily injury and property damage
- Any and all vehicles owned, used or hired

The policy shall also contain the following endorsements or language, which shall be indicated on the certificate of insurance:

- Waiver of subrogation in favor of and acceptable to Railway.

- Additional insured endorsement in favor of and acceptable to Railway.
- Separation of insureds.
- The policy shall be primary and non-contributing with respect to any insurance carried by Railway.

C. Workers Compensation and Employers Liability insurance including coverage for, but not limited to:

- Contractor's statutory liability under the worker's compensation laws of the state(s) in which the work is to be performed. If optional under State law, the insurance must cover all employees anyway.
- Employers' Liability (Part B) with limits of at least $500,000 each accident, $500,000 by disease policy limit, $500,000 by disease each employee.

This policy shall also contain the following endorsements or language, which shall be indicated on the certificate of insurance:

- Waiver of subrogation in favor of and acceptable to Railway.

A. Railroad Protective Liability insurance naming only the ***Railway*** as the Insured with coverage of at least $5,000,000 per occurrence and $10,000,000 in the aggregate. The policy Must be issued on a standard ISO form CG 00 35 12 04 and include the following:

- Endorsed to include the Pollution Exclusion Amendment
- Endorsed to include the Limited Seepage and Pollution Endorsement.
- Endorsed to remove any exclusion for punitive damages.
- No other endorsements restricting coverage may be added.
- The original policy must be provided to the ***Railway*** prior to performing any work or services under this Agreement
- Definition of "Physical Damage to Property" shall be endorsed to read: "means direct and accidental loss of or damage to all property owned by any named insured and all property in any named insured' care, custody, and control arising out of the acts or omissions of the contractor named on the Declarations.

In lieu of providing a Railroad Protective Liability Policy, Licensee may participate (if available) in Railway's Blanket Railroad Protective Liability Insurance Policy.

Other Requirements:

Where allowable by law, all policies (applying to coverage listed above) shall contain no exclusion for punitive damages.

Contractor agrees to waive its right of recovery against ***Railway*** for all claims and suits against ***Railway***. In addition, its insurers, through the terms of the policy or policy endorsement, waive their right of subrogation against ***Railway*** for all claims and suits. Contractor further waives its right of recovery, and its insurers also waive their right of subrogation against ***Railway*** for loss of its owned or leased property or property under Contractor's care, custody or control.

Allocated Loss Expense shall be in addition to all policy limits for coverages referenced above.

Contractor is not allowed to self-insure without the prior written consent of ***Railway.*** If granted by ***Railway***, any self-insured retention or other financial responsibility for claims shall be covered directly by Contractor in lieu of insurance. Any and all ***Railway*** liabilities that would otherwise, in accordance with the provisions of this Agreement, be covered by Contractor's insurance will be covered as if Contractor elected not to include a deductible, self-insured retention or other financial responsibility for claims.

Prior to commencing services, Contractor shall furnish to ***Railway*** an acceptable certificate(s) of insurance from an authorized representative evidencing the required coverage(s), endorsements, and amendments. The certificate should be directed to the following address:

BNSF Railway Company
c/o CertFocus
P.O. Box 140528
Kansas City, MO 64114
Toll Free: 877-576-2378
Fax number: 817-840-7487
Email: BNSF@certfocus.com
www.certfocus.com

Contractor shall notify ***Railway*** in writing at least 30 days prior to any cancellation, non-renewal, substitution or material alteration.

Any insurance policy shall be written by a reputable insurance company acceptable to ***Railway*** or with a current Best's Guide Rating of A- and Class VII or better, and authorized to do business in the state(s) in which the service is to be provided.

If coverage is purchased on a "claims made" basis, Contractor hereby agrees to maintain coverage in force for a minimum of three years after expiration, cancellation or termination of this Agreement. Annually Contractor agrees to provide evidence of such coverage as required hereunder.

Contractor represents that this Agreement has been thoroughly reviewed by Contractor's insurance agent(s)/broker(s), who have been instructed by Contractor to procure the insurance coverage required by this Agreement.

Not more frequently than once every five years, ***Railway*** may reasonably modify the required insurance coverage to reflect then-current risk management practices in the railroad industry and underwriting practices in the insurance industry.

If any portion of the operation is to be subcontracted by Contractor, Contractor shall require that the subcontractor shall provide and maintain insurance coverage(s) as set forth herein, naming ***Railway*** as an additional insured, and shall require that the subcontractor shall release, defend and indemnify ***Railway*** to the same extent and under the same terms and conditions as Contractor is required to release, defend and indemnify ***Railway*** herein.

Failure to provide evidence as required by this section shall entitle, but not require, ***Railway*** to terminate this Agreement immediately. Acceptance of a certificate that does not comply with this section shall not operate as a waiver of Contractor's obligations hereunder.

The fact that insurance (including, without limitation, self-insurance) is obtained by Contractor shall not be deemed to release or diminish the liability of Contractor including, without limitation, liability under the indemnity provisions of this Agreement. Damages recoverable by ***Railway*** shall not be limited by the amount of the required insurance coverage.

In the event of a claim or lawsuit involving ***Railway*** arising out of this agreement, Contractor will make available any required policy covering such claim or lawsuit.

These insurance provisions are intended to be a separate and distinct obligation on the part of the Contractor. Therefore, these provisions shall be enforceable and Contractor shall be bound thereby regardless of whether or not indemnity provisions are determined to be enforceable in the jurisdiction in which the work covered hereunder is performed.

For purposes of this section, ***Railway*** shall mean "Burlington Northern Santa Fe LLC", "BNSF Railway Company" and the subsidiaries, successors, assigns and affiliates of each.

4) SALES AND OTHER TAXES

In the event applicable sales taxes of a state or political subdivision of a state of the United States are levied or assessed in connection with and directly related to any amounts invoiced by Contractor to Railway ("Sales Taxes"), Railway shall be responsible for paying

only the Sales Taxes that Contractor separately states on the invoice or other billing documents provided to Railway; *provided, however,* that (i) nothing herein shall preclude Railway from claiming whatever Sales Tax exemptions are applicable to amounts Contractor bills Railway, (ii) Contractor shall be responsible for all sales, use, excise, consumption, services and other taxes which may accrue on all services, materials, equipment, supplies or fixtures that Contractor and its subcontractors use or consume in the performance of this Agreement, (iii) Contractor shall be responsible for Sales Taxes (together with any penalties, fines or interest thereon) that Contractor fails to separately state on the invoice or other billing documents provided to Railway or fails to collect at the time of payment by Railway of invoiced amounts (except where Railway claims a Sales Tax exemption), and (iv) Contractor shall be responsible for Sales Taxes (together with any penalties, fines or interest thereon) if Contractor fails to issue separate invoices for each state in which Contractor delivers goods, provides services or, if applicable, transfers intangible rights to Railway.

Upon request, Contractor shall provide Railway satisfactory evidence that all taxes (together with any penalties, fines or interest thereon) that Contractor is responsible to pay under this Agreement have been paid. If a written claim is made against Contractor for Sales Taxes with respect to which Railway may be liable for under this Agreement, Contractor shall promptly notify Railway of such claim and provide Railway copies of all correspondence received from the taxing authority. Railway shall have the right to contest, protest, or claim a refund, in Railway's own name, any Sales Taxes paid by Railway to Contractor or for which Railway might otherwise be responsible for under this Agreement; provided, however, that if Railway is not permitted by law to contest any such Sales Tax in its own name, Contractor shall, if requested by Railway at Railway's sole cost and expense, contest in Contractor's own name the validity, applicability or amount of such Sales Tax and allow Railway to control and conduct such contest.

Railway retains the right to withhold from payments made under this Agreement amounts required to be withheld under tax laws of any jurisdiction. If Contractor is claiming a withholding exemption or a reduction in the withholding rate of any jurisdiction on any payments under this Agreement, before any payments are made (and in each succeeding period or year as required by law), Contractor agrees to furnish to Railway a properly completed exemption form prescribed by such jurisdiction. Contractor shall be responsible for any taxes, interest or penalties assessed against Railway with respect to withholding taxes that Railway does not withhold from payments to Contractor.

5) EXHIBIT "C" CONTRACTOR REQUIREMENTS

The Contractor must observe and comply with all provisions, obligations, requirements and limitations contained in the Agreement, and the Contractor Requirements set forth on Exhibit "C" attached to the Agreement and this Agreement, including, but not be limited to, payment of all costs incurred for any damages to Railway roadbed, tracks, and/or appurtenances thereto, resulting from use, occupancy, or presence of its employees, representatives, or agents or subcontractors on or about the construction site. Contractor shall execute a Temporary Construction Crossing Agreement or Private Crossing Agreement (http://www.bnsf.com/communities/faqs/permits-real-estate/), for any temporary crossing requested to aid in the construction of this Project, if approved by BNSF.

6) TRAIN DELAY

Contractor is responsible for and hereby indemnifies and holds harmless Railway (including its affiliated railway companies, and its tenants) for, from and against all damages arising from any unscheduled delay to a freight or passenger train which affects Railway's ability to fully utilize its equipment and to meet customer service and contract obligations. Contractor will be billed, as further provided below, for the economic losses arising from loss of use of equipment, contractual loss of incentive pay and bonuses and contractual penalties resulting from train delays, whether caused by Contractor, or subcontractors, or by the Railway performing work under this Agreement. Railway agrees that it will not perform any act to unnecessarily cause train delay.

For loss of use of equipment, Contractor will be billed the current freight train hour rate per train as determined from Railway's records. Any disruption to train traffic may cause delays to multiple trains at the same time for the same period.

Additionally, the parties acknowledge that passenger, U.S. mail trains and certain other grain, intermodal, coal and freight trains operate under incentive/penalty contracts between Railway and its customer(s). Under these arrangements, if Railway does not meet its contract service commitments, Railway may suffer loss of performance or incentive pay and/or be subject to penalty payments. Contractor is responsible for any train performance and incentive penalties or other contractual economic losses actually incurred by Railway which are attributable to a train delay caused by Contractor or its subcontractors.

The contractual relationship between Railway and its customers is proprietary and confidential. In the event of a train delay covered by this Agreement, Railway will share information relevant to any train delay to the extent consistent with Railway confidentiality obligations. The rate then in effect at the time of performance by the Contractor hereunder will be used to calculate the actual costs of train delay pursuant to this agreement.

Contractor and its subcontractors must give Railway's representative (_____) eight (8) weeks advance notice of the times and dates for proposed work windows. Railway and Contractor will establish mutually agreeable work windows for the Project. Railway has the right at any time to revise or change the work windows due to train operations or service obligations. Railway will not be responsible for any additional costs or expenses resulting from a change in work windows. Additional costs or expenses resulting from a change in work windows shall be accounted for in Contractor's expenses for the Project.

Contractor and subcontractors must plan, schedule, coordinate and conduct all Contractor's work so as to not cause any delays to any trains.

IN WITNESS WHEREOF, each of the parties hereto has caused this Agreement to be executed by its duly authorized officer the day and year first above written.

Contractor Name

By: _____

Printed Name: _____

Title: _____

Contact Person: _____

Address: _____

City: _____

State: _____ Zip: _____

Fax: _____

Phone: _____

E-mail: _____

BNSF Railway Company

By: _____

Name: _____
Manager Public Projects

Accepted and effective this _____day of 20__.

X0322924	RETAINING WALL REMOVAL	• Chain link fence • Paved ditch • Elliptical pipe and concrete headwall • Geogrid reinforcement • Backfill
X5030250	BRIDGE DECK GROOVING, (LONGITUDINAL)	• Removal and disposal of slurry due to grooving
Z0021908	SILICONE JOINT SEALER	• Embedment plates and anchorage studs
[Not Used]	[Not Used]	[Not Used]
Z0034212	MECHANICALLY STABILIZED EARTH RETAINING WALL, SPECIAL	• Concrete leveling pad • Bearing pads • Soil reinforcing system and mass • Select and granular fill • Precast concrete panel embeds and connection hardware • Concrete coping, coping seal slope, dowels and reinforcement • Settlement platforms • Temporary fencing to remain in place
Z0034396 Z0034398	MODULAR EXPANSION JOINT 12" or 15"	• Barrier sliding plate assemblies • Turned up ends of joints within barrier wall (parapet) • Shop blast cleaning, and prime painting where noted • Field leak testing of completed joints
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	• Drainage aggregate • Geotechnical fabric • Excavation
JI213004	EXPLORATION TRENCH, UTILITIES (HAND EXCAVATION)	• Porous granular embankment backfill • Protection and support of open excavations

		• 2" Preformed Joint Filler • Formliner and staining • Concrete coping, concrete coping seal slope, dowels and reinforcement • Granular subbase and excavation for granular subbase material • Closure piece • Preformed joint filler • Overexcavation beyond the limits of structure excavation
JI704012 JI704014	FURNISH AND INSTALL TEMPORARY CONCRETE BARRIER TO REMAIN IN PLACE RELOCATE TEMPORARY CONCRETE BARRIER, TO REMAIN IN PLACE	• Plug lifting slots at locations shown on the plans for drainage purposes. The method for plugging the slots shall be submitted to the Engineer for review and approval
JS503160	DIAMOND GRINDING AND SURFACE SMOOTHNESS FOR BRIDGE SECTIONS	• Surface testing, analysis and reporting • Removal and disposal of slurry due to grinding
JS734A10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, SPAN TYPE	• Soil testing, excavation, soil disposal and porous granular backfill • Galvanized anchor bolts, nuts, washers and anchor plate • Grounding system • Concrete sealer
JS734G10	FOUNDATION FOR ITS GANTRY FRAME	• Soil testing and soil disposal • Galvanized anchor bolts, nuts, washers and positioning plate • Anchor plate (not galvanized) • Conduit, fittings and grounding system • Normal surface finish
JT508010	REINFORCEMENT BARS, STAINLESS STEEL	• Headed bars
JT900099	LOAD TRANSFER PLATFORM	• Geosynthetic materials • Aggregates

S.P. 118 RIGHT-OF-WAY

Proposed right-of-way and easements for the performance of the Work may not be available when Notice to Proceed is issued. The Contractor shall verify the status of right-of-way parcels to be acquired prior to the preparation of the Baseline Schedule. The Baseline Schedule should reflect construction sequencing necessary to work only within parcels which are available based upon the "Projected Allowable Commencement of Work Date" column, and the Contractor shall take all appropriate measures to ensure that construction operations do not encroach on parcels prior to that date. The Contractor shall be required to adjust the work schedule as needed to coincide with Commencement of Work dates from time to time to work only within available right-of-way, and shall prepare revised Baseline Schedule(s) in compliance therewith as directed by the Engineer.

The final configuration of the Project Right-of-Way requires the acquisitions of several land parcels. This listing identifies these individual parcels and provides the acquisition status. The Contractor's bid proposal shall have been submitted with the understanding that access to the proposed right-of-way and easements will be provided no earlier that the date indicated in the "Projected Allowable Commencement of Work Date" column in the table below.

Note: The Projected Allowable Commencement of Work Date below provides the anticipated date when the demolition work will be complete and contract I-18-4430 will have access to the property.

Parcel ID #	Projected Acquisition Date	Actual Acquisition Date	Demolition Contract	Projected Allowable Commencement of Work Date
TW-3A-16-001		06/29/2018	I-18-4369	05/14/2019
TW-3A-16-002			N/A	01/01/2020
TW-3A-16-004		05/14/2018	I-18-4369	05/14/2019
TW-3A-16-005		12/19/2018	N/A	See SP 104, Contract NTP
TW-3A-16-006	01/01/2020		I-19-4452	05/01/2020
TW-3A-16-007		12/19/2018	N/A	See SP 104, Contract NTP
TW-3A-16-008	01/01/2020		I-18-4369	05/01/2020
TW-3A-16-009		05/16/2018	I-18-4369	05/14/2019
TW-3A-16-010	01/01/2020		I-18-4369	05/01/2020
TW-3A-16-011		05/30/2018	I-18-4369	05/01/2020

Parcel ID #	Projected Acquisition Date	Actual Acquisition Date	Demolition Contract	Projected Allowable Commencement of Work Date
TW-3B-16-002	08/30/2019		N/A	See SP 106 (Railroad)
TW-3B-16-003	08/30/2019		N/A	08/30/2019
TW-3B-16-004	06/28/2019		N/A	06/28/2019
TW-3B-16-005	06/28/2019		N/A	See SP 106 (Railroad)
TW-3B-16-006	02/01/2019		I-18-4369	06/28/2019
TW-3B-16-007	06/28/2019		N/A	06/28/2019
TW-3B-16-008	02/04/2019		N/A	See SP 104, Contract NTP
*TW-3B-16-009	06/28/2019		By Others (BNSF)	01/01/2020
TW-3B-16-010	08/01/2019		N/A	08/01/2019
TW-3B-16-011	06/28/2019		N/A	06/28/2019
TW-3B-16-012	08/01/2019		N/A	08/01/2019
TW-3B-16-013	08/01/2019		N/A	08/01/2019
TW-3B-16-014	08/01/2019		N/A	08/01/2019
TW-3B-16-015	08/01/2019		N/A	08/01/2019
TW-3B-16-017		09/07/2018	N/A	See SP 104, Contract NTP
TW-3B-16-018		09/24/2018	N/A	See SP 104, Contract NTP
TW-3B-16-019		08/22/2018	N/A	See SP 104, Contract NTP
TW-3B-16-020	07/05/2019		N/A	06/28/2019
TW-3B-16-021		11/16/2018	N/A	See SP 104, Contract NTP
TW-3B-16-022	06/28/2019		I-18-4430	06/28/2019
TW-3B-16-023		11/27/2018	N/A	See SP 104, Contract NTP
TW-3B-16-024		11/09/2018	N/A	See SP 104, Contract NTP

* Work within TW-3B-16-009 will be allowed prior to the Project Allowable Commencement of Work Date, but after the Projected Acquisition Date, in areas which do not conflict with the BNSF MOW building operations, access, parking, and demolition. In addition the BNSF communication tower located in close proximity to the MOW building will remain throughout the duration of the contract.

However, the Illinois Tollway reserves the right not to issue the Notice to Proceed until sufficient right-of-way, as deemed by the Engineer, is available for commencement of the Work. In any event, there shall be no damages or additional compensation due to the Contractor for delays due to delay in furnishing the right-of-way, and the Contractor's sole remedy, where applicable, shall be an extension of time.

S.P. 119 AVAILABLE GEOTECHNICAL INFORMATION

The following is a listing of the geotechnical reports prepared by Geo Services, Inc. and Himalayan Consultants, LLC that are included as appendices.

Roadway Geotechnical Report – From Archer Avenue to 5th Avenue Cutoff

Std. Sp/S.P.	DESCRIPTION	CONTRACTOR	MANUFACTURER
	ROADWAY and BRIDGES		
109.08(b) Illinois Tollway Suppl.	GUARANTY AGAINST DEFECTIVE WORK	1 year	
S.P.	PERFORMANCE BASED RETAINING WALLS	3 years	5 years
S.P.	MECHANICALLY STABILIZED EARTH RETAINING WALL, SPECIAL	3-year	5-year
S.P.	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE)	3-year	5-year
1067.01(n) Illinois Tollway Suppl.	LUMINAIRE		
	Electrical system inside the luminaires (consisting of the core and coil ballast, starting aid, capacitor, socket, terminal board and wiring).	1 year	4 years
	All other parts of the luminaires.	1 year	2 years
1067.09(j) Illinois Tollway Suppl.	LIGHT EMITTING DIODE (LED) LUMINAIRE		
	complete luminaire (consisting of the housing, optical assembly, LED arrays or assemblies, LED drivers, integral control devices, surge protection devices, and internal wiring/terminal blocks)	1 year	10 years
S.P.	ELECTRICAL WORK, INTERMEDIATE POWER DISTRIBUTION AND COMMUNICATION FACILITY	1 year	1 year
S.P.	WIRELESS COMMUNICATIONS, ITS ASSEMBLY	1 year	1 year
S.P.	ITS POLE MOUNTED ENCLOSURE, ITS ASSEMBLY (CCTV or MVDS)	1 year	1 year
S.P.	ITS DISCONNECT SWITCH ASSEMBLY	1 year	1 year
S.P.	CLOSED CIRCUIT TELEVISION (CCTV) CAMERA, ITS ASSEMBLY	1 year	1 year
S.P.	ROADWAY WEATHER INFORMATION SYSTEM	1 year	1 year
S.P.	BLUETOOTH VEHICLE DETECTION ASSEMBLY	1 year	1 year

TEMPORARY TRAFFIC SIGNAL INSTALLATION

Revise Section 890 of the Standard Specifications to read:

Description.
This work shall consist of furnishing, installing, and maintaining a temporary traffic signal installation as shown on the plans, including but not limited to temporary signal heads, emergency vehicle priority systems, interconnect, vehicle detectors, uninterruptible power supply, and signing. Temporary traffic signal controllers and cabinets interconnected to railroad traffic control devices shall be new. When temporary traffic signals will be operating within a county or local agency Traffic Management System, the equipment must be NTCIP compliant and compatible with the current operating requirements of the Traffic Management System. At the conclusion of Contract No. I-18-4430, the Contractor will be responsible for leaving the temporary traffic signal installation in a sufficient operating condition for continued operation and maintenance during Contract No. I-18-4431.

General.
Only an approved equipment vendor will be allowed to assemble the temporary traffic signal cabinet. A representative of the approved control equipment vendor shall be present at the temporary traffic signal turn-on inspection.

Construction Requirements.

(a) Controllers.

1. All controllers used for temporary traffic signals shall be fully actuated NEMA microprocessor based with RS232 data entry ports compatible with existing monitoring software, installed in NEMA TS2 cabinets with 8 phase back panels, capable of supplying 255 seconds of cycle length and individual phase length settings up to 99 seconds. On projects with one lane open and two way traffic flow, such as bridge deck repairs, the temporary signal controller shall be capable of providing an adjustable all red clearance setting of up to 30 seconds in length. All controllers used for temporary traffic signals shall meet or exceed the requirements of Section 857 of the Standard Specifications with regards to internal time base coordination and preemption. All railroad interconnected temporary controllers and cabinets shall be new and shall satisfy the requirements of Article 857.02 of the Standard Specifications as modified herein.

2. All control equipment for the temporary traffic signal(s) shall be furnished by the Contractor unless otherwise stated in the plans. On projects with multiple temporary traffic signal installations, all controllers shall be the same manufacturer brand and model number with current software installed.

(b) Cabinets. All temporary traffic signal cabinets shall have a closed bottom made of aluminum alloy. The bottom shall be sealed along the entire perimeter of the cabinet base to ensure a water, dust and insect-proof seal. The bottom shall provide a minimum of two (2) 4 inch (100 mm) diameter holes to run the electric cables through. The 4 inch (100 mm) diameter holes shall have a bushing installed to protect the electric cables and shall be sealed after the electric cables are installed.

(c) Grounding. Grounding shall be provided for the temporary traffic signal cabinet meeting or exceeding the applicable portions of the National Electrical Code, Section 807 of the Standard Specifications.

(d) Traffic Signal Heads. All traffic signal sections and pedestrian signal sections shall be 12 inches (300 mm). Traffic signal sections shall be LED with expandable view, unless otherwise approved by the Engineer. The temporary traffic signal heads shall be placed as indicated on the temporary traffic signal plan or as directed by the Engineer. The Contractor shall furnish enough extra cable length to relocate heads to any position on the span wire or at locations illustrated on the plans for construction staging. The temporary traffic signal shall remain in operation during all signal head relocations. Each temporary traffic signal head shall have its own cable from the controller cabinet to the signal head.

(e) Interconnect.

1. Temporary traffic signal interconnect shall be provided using fiber optic cable or wireless interconnect technology as specified in the plans. The Contractor may request, in writing, to substitute the fiber optic temporary interconnect indicated in the contract documents with a wireless interconnect. The Contractor must provide assurances that the radio device will operate properly at all times and during all construction staging. If approved for use by the Engineer, the Contractor shall submit marked-up traffic signal plans indicating locations of radios and antennas and installation details. If wireless interconnect is used, and in the opinion of the engineer, it is not viable, or if it fails during testing or operations, the Contractor shall be responsible for installing all necessary poles, fiber optic cable, and other infrastructure for providing temporary fiber optic interconnect at no cost to the contract.

2. The existing system interconnect and phone lines are to be maintained as part of the Temporary Traffic Signal Installation specified for on the plan. The interconnect shall be installed into the temporary controller cabinet as per the notes or details on the plans. All labor and equipment required to install and maintain the existing interconnect as part of the Temporary Traffic Signal Installation shall be included in the item Temporary Traffic Signal Installation. When shown in the plans, temporary traffic signal interconnect equipment shall be furnished and installed. The temporary traffic signal interconnect shall maintain interconnect communications throughout the entire signal system for the duration of the project.

3. Temporary wireless interconnect, complete. The radio interconnect system shall be compatible with Eagle or Econolite controller closed loop systems. This item shall include all materials, labor and testing to provide the completely operational closed loop system as shown on the plans. The radio interconnect system shall include the following components:

    a. Rack or Shelf Mounted RS-232 Frequency Hopping Spread Spectrum (FHSS) Radio
    b. Software for Radio Configuration (Configure Frequency and Hopping Patterns)
    c. Antennas (Omni Directional or Yagi Directional)

d. Antenna Cables, LMR400, Low Loss. Max. 100-ft from controller cabinet to antenna
e. Brackets, Mounting Hardware, and Accessories Required for Installation
f. RS232 Data Cable for Connection from the radio to the local or master controller
g. All other components required for a fully functional radio interconnect system

All controller cabinet modifications and other modifications to existing equipment that are required for the installation of the radio interconnect system components shall be included in this item.

The radio interconnect system may operate at 900Mhz (902-928) or 2.4 Ghz depending on the results of a site survey. The telemetry shall have an acceptable rate of transmission errors, time outs, etc. comparable to that of a hardwire system.

The proposed master controller and telemetry module shall be configured for use with the radio interconnect at a minimum rate of 9600 baud.

The radio interconnect system shall include all other components required for a complete and fully functional telemetry system and shall be installed in accordance to the manufacturers recommendations.

The following radio equipment is recommended for use: Encom Model 5100 and Intuicom Communicator II.

(f) Emergency Vehicle Pre-Emption. All emergency vehicle preemption equipment (light detectors, light detector amplifiers, confirmation beacons, etc.) as shown on the temporary traffic signal plans shall be provided by the Contractor. It shall be the Contractor's responsibility to contact the municipality or fire district to verify the brand of emergency vehicle preemption equipment to be installed prior to the contract bidding. The equipment must be completely compatible with all components of the equipment currently in use by the Agency. All light operated systems shall operate at a uniform rate of 14.035 Hz ±0.002, or as otherwise required by the Engineer, and provide compatible operation with other light systems currently being operated in the District. All labor and material required to install and maintain the Emergency Vehicle Preemption installation shall be included in the item Temporary Traffic Signal Installation.

(g) Vehicle Detection. All temporary traffic signal installations shall have vehicular detection installed as shown on the plans or as directed by the Engineer. Pedestrian push buttons shall be provided for all pedestrian signal heads/phases as shown on the plans or as directed by the Engineer. All approaches shall have vehicular detection provided by vehicle detection system as shown on the plans or as directed by the Engineer. Microwave vehicle sensors or video vehicle detection system shall be approved by the Engineer prior to Contractor furnishing and installing. The Contractor shall install, wire, and adjust the alignment of the microwave vehicle sensor or video vehicle detection system in accordance to the manufacturer's recommendations and requirements. The Contractor shall be responsible for adjusting the alignment of the microwave vehicle sensor or video vehicle detection system for all construction staging

changes and for maintaining proper alignment throughout the project. A representative of the approved control equipment vendor shall be present and assist the contractor in setting up and maintaining the microwave vehicle sensor or video vehicle detection system. An in-cabinet video monitor shall be provided with all video vehicle detection systems and shall be included in the item Temporary Traffic Signal Installation.

(h) Uninterruptible Power Supply. When called for in the plans, the UPS cabinet shall be mounted to the temporary traffic signal cabinet and meet the requirements of UNINTERRUPTIBLE POWER SUPPLY in Divisions 800 and 1000 of these specifications.

(i) Signs. All existing street name and intersection regulatory signs shall be removed from existing poles and relocated to the temporary signal span wire. If new mast arm assembly and pole(s) and posts are specified for the permanent signals, the signs shall be relocated to the new equipment at no extra cost.

(j) Energy Charges. The electrical utility energy charges for the operation of the temporary traffic signal installation shall be paid for by others if the installation replaces an existing signal. Otherwise charges shall be paid for under 109.05 of the Standard Specifications.

(k) Maintenance. Maintenance shall meet the requirements of the Standard Specifications and MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION in Division 800 of these specifications. Maintenance of temporary signals and of the existing signals shall be included in the cost of the TEMPORARY TRAFFIC SIGNAL INSTALLATION pay item. When temporary traffic signals are to be installed at locations where existing signals are presently operating, the Contractor shall be fully responsible for the maintenance of the existing signal installation as soon as he begins any physical work on the Contract or any portion thereof. In addition, a minimum of seven (7) days prior to assuming maintenance of the existing traffic signal installation(s) under this Contract, the Contractor shall request that the Engineer contact the owner of the existing signal installation for an inspection of the installation(s).

(l) Temporary Traffic Signals for Bridge Projects. The installation shall meet the Standard Specifications and all other requirements in this TEMPORARY TRAFFIC SIGNAL INSTALLATION specification. In addition all electric cable shall be aerially suspended, at a minimum height of 18 feet (5.5m) on temporary wood poles (Class 5 or better) of 45 feet (13.7 m) minimum height. The signal heads shall be span wire mounted or bracket mounted to the wood pole or as directed by the Engineer. The Controller cabinet shall be mounted to the wood pole as shown in the plans, or as directed by the Engineer. Microwave vehicle sensors or video vehicle detection system may be used in place of detector loops as approved by the Engineer.

(m) Temporary Portable Traffic Signal for Bridge Projects.

1. Unless otherwise directed by the Engineer, temporary portable traffic signals shall be restricted to use on roadways of less than 8000 ADT that have limited access to electric utility service, shall not be installed on projects where the estimated need exceeds ten (10) weeks, and shall not be in operation during

the period of November through March. The Contractor shall replace the temporary portable traffic signals with temporary span wire traffic signals noted herein at no cost to the contract if the bridge project or Engineer requires temporary traffic signals to remain in operation into any part of period of November through March. If, in the opinion of the engineer, the reliability and safety of the temporary portable traffic signal is not similar to that of a temporary span wire traffic signal installation, the Contractor shall replace the temporary portable traffic signals with temporary span wire traffic signals noted herein at no cost to the contract.

2. The controller and LED signal displays shall meet the Standard Specifications and all other requirements in this TEMPORARY TRAFFIC SIGNAL INSTALLATION specification.

3. Work shall be according to Article 701.18(b) of the Standard Specifications except as noted herein.

4. General.

   a. The temporary portable bridge traffic signals shall be trailer-mounted units. The trailer-mounted units shall be set up securely and level. Each unit shall be self-contained and consist of two signal heads. The left signal head shall be mounted on a mast arm capable of extending over the travel lane. Each unit shall contain a solar cell system to facilitate battery charging. There shall be a minimum of 12 days backup reserve battery supply and the units shall be capable of operating with a 120 V power supply from a generator or electrical service.

   b. All signal heads located over the travel lane shall be mounted at a minimum height of 17 feet (5m) from the bottom of the signal back plate to the top of the road surface. All far right signal heads located outside the travel lane shall be mounted at a minimum height of 8 feet (2.5m) from the bottom of the signal back plate to the top of the adjacent travel lane surface.

   c. The long all red intervals for the traffic signal controller shall be adjustable up to 250 seconds in one-second increments.

   d. As an alternative to detector loops, temporary portable bridge traffic signals may be equipped with microwave sensors or other approved methods of vehicle detection and traffic actuation.

   e. All portable traffic signal units shall be interconnected using hardwire communication cable. Radio communication equipment may be used only with the approval of the Engineer. If radio communication is used, a site analysis shall be completed to ensure that there is no interference present that would affect the traffic signal operation. The radio equipment shall meet all applicable FCC requirements.

   f. The temporary portable bridge traffic signal system shall meet the physical display and operational requirements of conventional traffic signals as specified in Part IV and other applicable portions of the currently adopted

version of the Manual on Uniform Traffic Control Devices (MUTCD) and the Illinois MUTCD. The signal system shall be designed to continuously operate over an ambient temperature range between -30 °F (-34 °C) and 120 °F (48 °C). When not being utilized to inform and direct traffic, portable signals shall be treated as nonoperating equipment according to Article 701.11.

g. Basis of Payment. This work will be paid for according to Article 701.20(c).

Basis of Payment.

This work shall be paid for at the contract unit price each for TEMPORARY TRAFFIC SIGNAL INSTALLATION, TEMPORARY BRIDGE TRAFFIC SIGNAL INSTALLATION, or TEMPORARY PORTABLE BRIDGE TRAFFIC SIGNAL INSTALLATION, the price of which shall include all costs for the modifications required for traffic staging, changes in signal phasing as required in the Contract plans, microwave vehicle sensors, video vehicle detection system, any maintenance or adjustment to the microwave vehicle sensors/video vehicle detection system, all material required, the installation and complete removal of the temporary traffic signal. Each intersection will be paid for separately.

Pay Item Number	Designation	Unit of Measure
89000200	TEMPORARY TRAFFIC SIGNAL INSTALLATION	L SUM

MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION

Revise Articles 850.02 and 850.03 of the Standard Specifications to read:

Procedure.
The energy charges for the operation of the traffic signal installation shall be paid for by others. Full maintenance responsibility shall start as soon as the Contractor begins any physical work on the Contract or any portion thereof.

The Contractor shall have electricians with IMSA Level II certification on staff to provide signal maintenance.

This item shall include maintenance of all traffic signal equipment at the intersection, including emergency vehicle pre-emption equipment, master controllers, uninterruptible power supply (UPS and batteries), telephone service installations, communication cables, conduits to adjacent intersections, and other traffic signal equipment, but shall not include Automatic Traffic Enforcement equipment, such as Red Light Enforcement cameras, detectors, or peripheral equipment, not owned by the State.

Maintenance.
The maintenance shall be according to MAINTENANCE AND RESPONSIBILITY in Division 800 of these specifications and the following:

The Contractor shall check all controllers every two (2) weeks, which will include visually inspecting all timing intervals, relays, detectors, and pre-emption equipment to ensure that they are functioning properly. This item includes, as routine maintenance, all portions of emergency vehicle pre-emption equipment. The Contractor shall maintain in stock at all times a sufficient amount of materials and equipment to provide effective temporary and permanent repairs.

The Contractor shall provide immediate corrective action when any part or parts of the system fail to function properly. Two far side heads facing each approach shall be considered the minimum acceptable signal operation pending permanent repairs. When repairs at a signalized intersection require that the controller be disconnected or otherwise removed from normal operation, and power is available, the Contractor shall place the traffic signal installation on flashing operation. The signals shall flash RED for all directions unless a different indication has been specified by the Engineer. The Contractor shall be required to place stop signs (R1-1-36) at each approach of the intersection as a temporary means of regulating traffic. When the signals operate in flash, the Contractor shall furnish and equip all their vehicles assigned to the maintenance of traffic signal installations with a sufficient number of stop signs as specified herein. The Contractor shall maintain a sufficient number of spare stop signs in stock at all times to replace stop signs which may be damaged or stolen.

The Contractor shall provide the Engineer with a 24 hour telephone number for the maintenance of the traffic signal installation and for emergency calls by the Engineer.

Traffic signal equipment which is lost or not returned to the owner for any reason shall be replaced with new equipment meeting the requirements of the Standard Specifications and these special provisions.

The Contractor shall respond to all emergency calls from the owner or others within one hour after notification and provide immediate corrective action. When equipment has been damaged or becomes faulty beyond repair, the Contractor shall replace it with new and identical equipment. The cost of furnishing and installing the replaced equipment shall be borne by the Contractor at no additional charge to the contract. The Contractor may institute action to recover damages from a responsible third party. If at any time the Contractor fails to perform all work as specified herein to keep the traffic signal installation in proper operating condition or if the Engineer cannot contact the Contractor's designated personnel, the Engineer shall have the Tollway's Electrical Maintenance Contractor perform the maintenance work required. The Tollway's Electrical Maintenance Contractor shall bill the Contractor for the total cost of the work. The Contractor shall pay this bill within thirty (30) days of the date of receipt of the invoice or the cost of such work will be deducted from the amount due the Contractor. The Contractor shall allow the Electrical Maintenance Contractor to make reviews of the Existing Traffic Signal Installation that has been transferred to the Contractor for Maintenance.

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TEMPORARY TRAFFIC SIGNAL TIMING

Description.
This work shall consist of developing and maintaining appropriate traffic signal timings for the specified intersection for the duration of the temporary signalized condition, as well as impact to existing traffic signal timings caused by detours or other temporary conditions.

All timings and adjustments necessary for this work shall be performed by an approved Consultant who has previous experience in optimizing Closed Loop Traffic signal Systems.

The following tasks are associated with TEMPORARY TRAFFIC SIGNAL TIMINGS.

(a) Consultant shall attend temporary traffic signal inspection (turn-on) and/or detour meeting and conduct on-site implementation of the traffic signal timings. Make fine-turning adjustments to the timings in the field to alleviate observed adverse operating conditions and to enhance operations.

(b) Consultant shall provide monthly observation of traffic signal operations in the field.

(c) Consultant shall provide on-site consultation and adjust timings as necessary for construction stage changes, temporary traffic signal phase changes, and any other conditions affecting timing and phasing, including lane closures, detours, and other construction activities.

(d) Consultant shall make timing adjustments and prepare comment responses as directed by Engineer.

Basis of Payment.
The work shall be paid for at the contract unit price each for TEMPORARY TRAFFIC SIGNAL TIMING, which price shall be payment in full for performing all work described herein per intersection. When the temporary traffic signal installation is turned on and/or detour implemented, 50 percent of the bid price will be paid. The remaining 50 percent of the bid price will be paid following the removal of the temporary traffic signal installation and/or detour.

Pay Item Number	Designation	Unit of Measure
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH

DUCTILE IRON WATER MAIN, RESTRAINED JOINT PIPE

Description. This work shall consist of constructing ductile iron water main, of the diameter specified, restrained joint pipe.

Materials. Materials shall be according to Sections 561, 563, 564 and 565 of the Standard Specifications, according to the Standard Specifications for Water & Sewer Construction in Illinois, current edition, and according to the following:

Submittals
Product Data: Submit data indicating pipe joints, fittings, gaskets and pipe accessories.

Manufacturer's Installation Instructions: Indicate special procedures required to install products specified.

Manufacturer's Certificate: Certify that products meet or exceed specified requirements.

Temporary Earth Retention System: Proposed temporary earth retention system design and structural calculations, signed and sealed by a licensed Illinois Structural Engineer.

Quality Assurance
Quality control and control of installation: Monitor quality control over suppliers, manufacturers, products, services, site conditions, and workmanship, to produced work of specified quality.

Comply with manufacturer's instructions, including each step in the sequence.

When manufacturer's instruction conflict with Contract Documents, request clarification from the Engineer before proceeding.

Comply with specified standards as minimum quality for the work except where more stringent tolerances, codes, or specified requirements indicate higher standards or more precise workmanship.

Perform work by persons qualified to produce required and specified quality.

Verify field measurements are as indicated on Shop Drawings or as instructed by the manufacturer.

Secure products in place with positive anchorage devices designed and sized to withstand stresses, vibration, physical distortion, or disfigurement.

Pipe and fittings shall be manufactured by same manufacturer, manufactured in the United States of America.

Pipe, joints and fittings shall meet requirements of American Water Works Association (AWWA) Standards:

AWWA C104 – Cement-Mortar Lining for Ductile-Iron Pipe and Fittings

AWWA C105 – Polyethylene Encasement for Ductile-Iron Pipe Systems.
AWWA C110 – Ductile Iron & Gray-Iron Fittings.
AWWA C111 – Rubber-Gasketed Joints for Ductile-Iron Pressure Pipe and Fittings.
AWWA C150 – Thickness Design of Ductile-Iron Pipe.
AWWA C151 – Ductile-Iron Pipe, Centrifugally Cast
AWWA C500 – Metal-Seated Gate Valves for Water Supply Service
AWWA C509 – Resilient-Seated Gate Valves for Water Supply Service

Manufacturer shall mark products and affirm that product was manufactured, inspected, sampled, and tested in accordance with ASTM Standard and have been found to meet requirements of specification.

Water Main, Fittings and Joints
Ductile iron pipe shall conform to AWWA C151. Gaskets shall conform to C111. Pipe shall be cement lined according to AWWA C104. Water main shall be ductile iron Class 52.

Fittings shall be ductile iron in accordance with AWWA C110 and C111. Cast iron fittings are not acceptable.

Joints shall be mechanical or push-on joint as specified, and shall conform to applicable sections of AWWA C111. Mechanical joints shall be restricted by approved MEGALUG or approved equal restraining system. Mechanically restrained joints are required in the water main at changes in direction or dead ends. Pipe shall be furnished with sufficient cast iron glands, gaskets, and high strength cast iron tee head bolts and hexagon nuts to provide for each socket opening. All gaskets shall be of the plain rubber type and made to accurate dimensions. All glands shall be made of high strength cast iron. Cast iron tee head bolts shall have a minimum tensile strength of 50,000 pounds per square inch. All fittings shall be smooth, free from scales, lumps, blisters, sand holes, blow holes, and defects from every nature which make them unfit for use. No plugging, filling, burning-in, or welding will be allowed. All fittings shall be of the proper dimension, weights, and quality to meet the requirements of AWWA C110. Said fittings shall be designed for a maximum of working pressure of two hundred fifty (250) pounds per square inch and shall be cement lined and asphalt coated.

Water main fittings (bends, elbows, tees, increasers, reducers, etc.) may or may not be specifically referenced on the plans. However, they are to be considered as included in the unit cost of water main.

Polyethylene encasement shall be provided on all water main and appurtenances. Encasement shall be secured using plastic tape or twine. Encasement shall be in conformance with AWWA C105.

All water mains and services shall be laid not less than 5.0 feet in depth to the top of pipe from finished grade.

Thrust blocking shall be installed on water mains at all bends, tees, elbows, etc. Cost of same shall be included in the unit price of water main.

Water mains and water service lines shall be protected from sanitary sewers, storm sewers, combined sewers, service connections and drains in accordance with IEPA requirements. Under

special conditions, alternate solutions shall be presented when extreme topographical, geological, or existing structural conditions make strict compliance with IEPA requirements technically and economically impractical. Alternate solutions may be approved when water tight construction that is structurally equivalent to approved water main material is provided.

CONSTRUCTION REQUIRMENTS

Construction shall be according to Sections 561, 563, 564 and 565 of the Standard Specifications and with the Standard Specifications for Water & Sewer Construction in Illinois, current edition.

The Contractor shall be responsible for dewatering any excavation for the installation of the water systems.

The price shall be full compensation for furnishing all materials and for all labor, equipment, tools, incidentals and testing necessary to complete the item and make operational, including but not limited to furnishing all pipe and fittings, polyethylene film, excavation, dewatering, shoring and bracing, temporary earth retention system, bedding, pipe connections, non-granular backfill, cleaning, disinfection, and testing of pipe and materials, and surplus soil and material removal and disposal. Additional non-granular backfill material required to bring the excavated pits to existing grade is considered incidental to this pay item and will not be paid for separately.

All top of frames for valve vault covers and boxes are to be adjusted to meet final finish grade upon completion of finished grading and final inspections.

Temporary Earth Retention System

The temporary soil retention system shall be designed by the Contractor to perform utility work within the available right-of-way. The Contractor will be responsible for determining where temporary soil retention is needed for the removal and installation of proposed watermains. The design calculations and details for the temporary soil retention system shall be prepared and sealed by an Illinois Licensed Structural Engineer. This approval will not relieve the Contractor of responsibility for the safety of the excavation. The cost for temporary earth retention system shall be considered included in the unit price of water main installed or removed, which also includes the installation of the water main (all types), valve vaults, flush hydrants, manholes, thrust blocking, protection of adjacent structures, pressure connections and cut-in connections, utility protection, all excavation related to the installation and removal of the temporary soil retention system and/or its components.

Water Main Testing and Acceptance

Chlorination and pressure testing of water main shall be provided by the Contractor, including existing water main where connections to and inclusion of such mains is indicated on the drawings. In the event that pressure tests involving existing mains fails, and such failures are attributable to defective original workmanship and material, then the Contractor shall be entitled to additional payment for correcting deficiencies. The cost of chlorination and pressure testing of water main shall be considered included in the unit price of water main.

Water mains shall be disinfected in accordance with IEPA standards prior to pressure testing.

All required testing and correction of any defects of the water distribution system shall be completed before roadway or paving improvements begin.

Pressure Test

As part of the construction, water mains shall be pressure tested in accordance with AWWA C600 and the Standard Specifications for Water & Sewer Construction in Illinois, current edition.

The local Jurisdictional Agency's Employee or representative (Engineer) shall be contacted before any water is drawn from the main, and only local Jurisdictional Agency's employees shall operate filling valves. The main to be tested must be allowed to stabilize on system pressure for a period of twenty-four (24) hours prior to pressure testing. This shall be considered "system pressure" test.

All newly laid pipes shall then be subjected to a hydrostatic pressure of one hundred eighty pounds per square inch (180 psi). Duration of each pressure test shall be for a period of not less than four (4) hours for each valved section of pipe. Each valved section of pipe shall be filled with water and the specified test pressure shall be applied by means of a pump connected to the pipe.

Before applying the specified test pressure, all air shall be expelled from the pipe.

Leakage shall be defined as the quantity of water which must be supplied into the newly laid pipe or any valved section thereof to maintain pressure within five (5) psi of the specified test pressure. Leakage shall not be measured by a drop in pressure in a test section over a period of time.

No pipe installation shall be accepted if the leakage is greater than that determined by the following formula:

$L = (S \times D \times P1/2) / 148,800$, where:
L = Allowable leakage (gallons per hour)
S = Length of pipe tested (feet)
D = Nominal diameter of the pipe (inches)
P = Average test pressure during the leakage test (gauge psi)

All leaks shall be repaired until tight. Any cracked or defective pipes, fittings, valves, or hydrants discovered in consequence of this pressure test shall be removed and replaced and the test repaired until satisfactory results are obtained.

Preliminary Flushing and Disinfection

Prior to chlorination, water mains shall be flushed as thoroughly as possible with the water pressure and outlets available. The local Jurisdictional Agency shall be notified before any water is drawn from the water mains, and only local Jurisdictional Agency employees shall operate filling valves.

Flushing shall be done after the pressure test is made. Flushing shall affect a velocity in the main of at least two-and-one-half (2-1/2) feet per second.

Corporation stops shall be provided at the end of dead end water mains without hydrants to allow for flushing and chlorination.

All water mains shall be disinfected and tested according to the requirements of the standards for disinfecting water mains, AWWA C651, and as required by this specification. All disinfection, as required by this specification, shall be performed by an independent firm exhibiting experience in the methods and techniques of this operation, and shall be approved by the local Jurisdictional Agency Public Works Department.

Bacteriological sampling and analysis of the samples shall be performed by a laboratory approved by the Illinois department of public health and the local Jurisdictional Agency's public works department.

Should the initial treatment result in an unsatisfactory bacteriological test, the procedure shall be repeated until satisfactory results are obtained.

The contractor shall pay for the sampling and analysis. Results shall be transmitted by the laboratory directly to the local Jurisdictional Agency Public Works Department. Test results shall indicate the date the sample was taken, the exact locations at which samples were taken, the firm submitting the sample, and the project at which the samples were collected. Sufficient samples shall be collected in order to ensure that the system is bacteriologically safe.

The Jurisdictional Agency Public Works Department shall operate the valves, hydrants, and any other appurtenances to flush the water main after the receipt of satisfactory water samples. Any operation difficulties or deficiencies shall be noted and submitted to the Contractor for repair.

Method of Measurement. This work will be measured for payment in feet of DUCTILE IRON WATER MAIN, RESTRAINED JOINT PIPE.

Basis of Payment. This work will be paid for at the Contract unit price per foot for DUCTILE IRON WATER MAIN, RESTRAINED JOINT PIPE of the specified diameter.

The cost of dewatering shall be included in the unit price for the water main. The cost of trench sheeting, and bracing shall be included in the unit price for the water main. The cost of temporary earth retention system shall be included in the unit price for the watermain.

Pay Item Number	Designation	Unit of Measure
JA000210	DUCTILE IRON WATER MAIN, 6", RESTRAINED JOINT PIPE	FOOT
JA000218	DUCTILE IRON WATER MAIN, 14", RESTRAINED JOINT PIPE	FOOT
JA000222	DUCTILE IRON WATER MAIN, 20", RESTRAINED JOINT PIPE	FOOT
JA000228	DUCTILE IRON WATER MAIN, 36", RESTRAINED JOINT PIPE	FOOT

MATERIAL TRANSFER DEVICE (Illinois Tollway)

Effective: September 21, 2011
Revised: January 24, 2019

Description. This work shall consist of placing binder and surface course stone matrix asphalt mixtures, and all mainline full-depth asphalt pavement mixtures after placement of the first seven inches of asphalt mixtures, according to Section 406 of the Standard Specifications, except that these materials shall be placed using a material transfer device.

Materials and Equipment. The material transfer device shall have a minimum surge capacity of 15 tons, shall be self-propelled and capable of moving independent of the paver, and shall be equipped with the following:

(a) Front-Dump Hopper and Conveyor. The conveyor shall provide a positive restraint along the sides of the conveyor to prevent material spillage.

(b) Paver Hopper Insert. The paver hopper insert shall have a minimum capacity of 14 tons.

(c) Mixer/Agitator Mechanism. This re-mixing mechanism shall consist of a segmented, anti-segregation, re-mixing auger or two full-length longitudinal paddle mixers designed for the purpose of re-mixing the hot-mix asphalt (HMA). The longitudinal paddle mixers shall be located in the paver hopper insert.

CONSTRUCTION REQUIREMENTS

General. The material transfer device shall be used for the placement of binder and surface course stone matrix asphalt mixtures placed with a paver including ramps but excluding bridge decks. The material transfer device shall also be used for placement of all mainline full-depth asphalt pavement mixtures after placement of the first seven inches of asphalt mixtures. The material transfer device speed shall be adjusted to the speed of the paver to maintain a continuous, non-stop paving operation.

Use of a material transfer device with a roadway contact pressure exceeding 25 psi will be limited to partially completed segments of full-depth asphalt pavement where the thickness of binder in place is 7 inches or greater. A material transfer device can be used on partially completed segments of full-depth asphalt pavement where the thickness of binder in place is 6.25 inches or greater with the following conditions;

(a) MTD tire pressure is less than 80psi.
(b) Total axle load (fully loaded) is less than 64,000 lbs.

If the materials transfer device is operating on a concrete pavement, it shall remain 4 feet away from the free edge of the concrete pavement. This distance is measured from center of tire to edge of pavement. A free edge is defined as a longitudinal pavement joint not tied to a concrete pavement lane or shoulder.

Structures. The material transfer device may be allowed to travel over structures under the following conditions:

(a) Approval will be given by the Engineer.

(b) The vehicle shall be emptied of asphalt mixture prior to crossing the structure and shall travel at crawl speed across the structure.

(c) The tires of the vehicle shall travel on or in close proximity and parallel to the beam and/or girder lines of the structure.

Method of Measurement. This work will be measured for payment in tons for all binder and surface course stone matrix asphalt mixture materials, and all mainline full-depth asphalt pavement mixtures after placement of the first seven inches of asphalt mixtures, placed with a material transfer device. Tonnage measurement for the material items paid for at the contract unit price per square yard shall be calculated according to the fifth paragraph of Article 406.13(b) of the Standard Specifications.

Basis of Payment. This work will be paid for at the contract unit price per ton for MATERIAL TRANSFER DEVICE.

The various mixtures placed with the material transfer device will be paid for as specified in their respective specifications. The Contractor may choose to use the material transfer device for other applications on this project; however, no additional compensation will be allowed.

Pay Item Number	Designation	Unit of Measure
JI406037	MATERIAL TRANSFER DEVICE	TON

Protective Coat shall be in accordance with Article 420.18 of the Standard Specifications.

The bridge deck grooving of the Bridge Approach Slab shall be in accordance with IDOT GBSP79. Stop Bridge deck grooving 2-inches, plus-or-minus 1-inch, from the saw cut longitudinal and transverse joint, and formed joint between abutment and approach slab.

METHOD OF MEASUREMENT

This work will be measured for payment in place, and the area computed in square yards. The dimensions used will not exceed those shown on the plans or ordered in writing by the Engineer.

Sealant, backer rod, polyethylene sheeting bond breaker, drilling and grouting of dowels, dowel bar assemblies, expansion anchors, bar splicers or mechanical couplers, granular subbase bridge approach slab, elastomeric sheet, anchor studs, steel plates, concrete, reinforcing steel, and protective coat will not be measured for payment and will be considered included in the cost of BRIDGE APPROACH SLAB.

Diamond grinding and longitudinal grooving will be measured according to special provision DIAMOND GRINDING AND SURFACE SMOOTHNESS TESTING FOR BRIDGE SECTIONS (Illinois Tollway) and IDOTs GBSP79, respectively.

The bonded preformed joint seal will be measured according to Illinois Tollway GBSP BONDED PREFORMED JOINT SEAL for the size indicated.

BASIS OF PAYMENT

This work will be paid for at the contract unit price per square yard for BRIDGE APPROACH SLAB.

Pay Item Number	Designation	Unit of Measure
JI420040	BRIDGE APPROACH SLAB	SQ YD

Subgrade Aggregate Transition Approach Slab of the thickness specified shall be installed in accordance with the special provision for Subgrade Aggregate Transition Approach Slab.

Bonded Preformed Joint Seal shall be installed in accordance with the Illinois Tollway special provision for Bonded Preformed Joint Seal.

Protective Coat shall be applied in accordance with Article 420.18 of the Standard Specifications.

The final finish of the transition approach slabs, and transition approach shoulder slabs requiring diamond grinding and longitudinal grooving, shall be in accordance with Article 420.09 of the Standard Specifications except as modified herein:

Revise Article 420.09(e)(1) of the Standard Specifications to read:

"Type A. Texturing of the top of plastic concrete shall be obtained by the use of an artificial turf drag. Hand finishing methods will be permitted only in the event of breakdown of the mechanical equipment or for confined locations where the mechanical equipment cannot be operated. Hand methods may be used to strike off, consolidate, and finish the concrete only in the confined locations and where the concrete has already been deposited on the grade when the breakdown occurs.

The artificial turf shall be made of molded polyethylene with synthetic turf blades approximately 0.85 inches long and contain approximately 7,200 individual blades per square foot. The drag shall be suitably attached to an approved device that will permit control of the time and rate of texturing. The artificial turf shall be full pavement width and of sufficient size that during the finishing operation; approximately 2 feet of the turf parallel to the pavement centerline will be in contact with the pavement surface. The drag shall be operated in a longitudinal direction so as to produce a uniform appearing finish meeting the approval of the Engineer. If necessary for maintaining intimate contact with the pavement surface, the drag may be weighted using lumber, rebar, or other suitable material.

Hand tining or tining with a mechanically operated comb of the surface will not be allowed where Diamond Grinding and Surface Smoothness for Bridge Sections and Bridge Deck Grooving (Longitudinal) are specified on the Plans."

The final finish of the transition approach shoulder slabs that do not require diamond grinding and longitudinal grooving shall be in accordance with Article 420.09 of the Standard Specifications except as modified herein:

Revise Article 420.09(e)(1) of the Standard Specifications to read:

"Type A. Texturing of the top of plastic concrete shall be obtained by the use of an artificial turf drag followed immediately by a mechanically operated metal comb longitudinal tining device. Hand finishing methods will be permitted only in the event of breakdown of the mechanical equipment or for confined locations where the mechanical equipment cannot be operated. Hand methods may be used to strike off, consolidate, and finish the concrete only in the confined locations and where the concrete has already been deposited on the grade when the breakdown occurs.

studs, asphalt stabilized subbase transition approach slab, subgrade aggregate transition approach slab, tining where required, protective coat, reinforcement bars, and concrete will not be measured for payment and will be considered included in the cost of TRANSITION APPROACH SLAB, or TRANSITION APPROACH SHOULDER SLAB.

Diamond grinding and longitudinal grooving will measured according to special provision DIAMOND GRINDING AND SURFACE SMOOTHNESS TESTING FOR BRIDGE SECTIONS (Illinois Tollway) and IDOTs GBSP79, respectively.

BASIS OF PAYMENT

This work will be paid for at the contract unit price per square yard for TRANSITION APPROACH SLAB, or TRANSITION APPROACH SHOULDER SLAB.

Pay Item Number	Designation	Unit of Measure
JI420041	TRANSITION APPROACH SLAB	SQ YD
JI420046	TRANSITION APPROACH SHOULDER SLAB	SQ YD

SURFACE SMOOTHNESS TESTING (Illinois Tollway)

Effective: January 23, 2019

Description. This work shall consist of measuring surface smoothness. The requirements for calibration of equipment measuring surface smoothness and verification process for the output data at the project site is defined herein.

Definitions.

1. Smoothness. Smoothness shall be the International Roughness Index (IRI) value of the pavement in each wheelpath per smoothness segment or sublot.
2. Smoothness Segment. A smoothness segment shall be defined as:
   Pavement:
   a. One lane of pavement wide and a length of 0.1 mile for mainline.
   b. One lane of pavement wide for the length of a ramp if the continuous paving length is less than 0.2 miles.
   c. Toll plaza paving, and the associated pavement 50 feet prior to and following toll plaza paving, shall be considered as individual paving segment for either mainline or ramp paving.

   Bridge Section:
   d. A bridge section shall consist of the bridge deck, the bridge approach slab from parapet to parapet and the transition pavement.
3. Wheelpath. When pavement lane markings are present, the wheelpath shall be the location of the IRI transducers when the data collection vehicle is centered between the lane markings. When lane markings are not present, the wheelpath shall be defined as the following:
   a. For mainline concrete pavement or ramp concrete pavement without a longitudinal joint near the center of the lane, the wheelpath shall be the location of the IRI transducers when the data collection vehicle is centered between longitudinal joints.
   b. For ramp concrete pavement with a joint near the center of the lane – the wheelpath shall be the location of the IRI transducers when the data collection vehicle is centered over the center longitudinal joint.
   c. For asphalt pavement the wheelpath shall be the location of the IRI transducers when the data collection vehicle is centered between longitudinal construction joints.

References.

Except where modified by the Illinois Department of Transportation or the Illinois Tollway, the following Standards shall apply:

American Society of Testing and Materials (ASTM) Standards

- ASTM E950 – Standard Test Method for Measuring the Longitudinal Profile of Traveled Surfaces with an Accelerometer Established Inertial Profiling Reference.
- ASTM E1926 – Standard Practice for Computing International Roughness Index of Roads from Longitudinal Profile Measurements.

National Cooperative Highway Research Program (NCHRP))

- NCHRP Report 228 – Roughness Measurement and Analysis.

Equipment.

Inertial Profiler (IP). Furnish a properly certified, calibrated and documented IP.

The IP shall conform to the Class I requirements of the most recent revision of ASTM E950. The IP shall be outfitted with Wide Spot or RoLine displacement transducers (lasers). The IP shall be outfitted with transducers to simultaneously measure the left and right wheelpath IRI. The left and right transducers shall be centered on the vehicle. The distance between the outer edge of the left wheelpath laser and the outer edge of the right wheelpath laser, as shown on the pavement, shall be 70 inches. The Contractor shall provide equipment certification documentation to the Construction Manager prior to the IP being used on the project.

The profile testing device shall have a decal displayed to indicate it has been tested through the IDOT Profile Equipment Verification (PEV) process.

The Contractor will perform and document daily calibration/verification of the profile device operation prior to each use. The demonstration will consist of the following:

- Distance. The distance calibration/verification will be checked using an agreed upon known distance measurement on the project. The tolerance for distance is 0.10 percent.

- Height. The height of each laser will be verified by measuring each wheelpath sensor using the calibration gauge blocks. The Contractor shall provide a caliper accurate to 0.001 inches for verifying gauge blocks dimensions. The tolerance for height is 0.02 inches.

  The height readout or recording will be within +/- 0.01 inches of a caliper reading of each gauge block. Gauge blocks will be cold stamped with a unique identifying number.

- Bounce. The bounce test verification will be conducted to ensure the accelerometers and height sensors are functioning properly.

  The bounce test is a dynamic test where the equipment simulates moving longitudinally for 0.1 miles and the operator physically bounces the equipment in place. The test demonstrates that the height sensor works with the accelerometer to show no elevation change in the profile.

  The IRI for bounce will be less than or equal to 8 inches per mile.

The Engineer can request a new demonstration of the daily calibrations/verifications and verify computer settings at any time. Should the equipment not verify or equipment changes are noted by the Engineer, the profile device will not be used.

The Contractor shall furnish an operator trained in the operation of the particular IP to be used on the project. The operator shall be capable of the following:

- Distance Measuring Instrument (DMI) calibration and check
- Static height sensor(s) calibration and check
- Bounce test
- Generate road profiles in a ProVAL compatible electronic format
- Generate requisite smoothness indices using ProVAL software
- Provide in Excel format smoothness indices calculated for pay adjustment.
- Provide smoothness indices in Excel format

IRI Calculation Software. Any computer software package used to calculate the IRI statistic shall follow the procedure developed by the World Bank as described in ASTM E1926. The software shall report the IRI values in units of inches per mile rounded to one decimal place. The preferred software program for IRI calculation is the FHWA's Profile Viewing and Analysis (ProVAL) software.

SURFACE TESTING

The smoothness data for each lane will be computed by obtaining the IRI values for the left and right wheelpaths in each tested lane after any corrective work is performed that the Contractor feels is necessary based on the contractor's initial measurements. The calculated IRI value reported to the Engineer shall be the individual IRI for each wheelpath and the average IRI for both wheelpaths in each segment or sublot. During collection high-pass and low-pass filters shall be set at zero.

Collection of smoothness data used to calculate the IRI will occur after the Contractor elects to perform any corrective work on measured pavements. Smoothness data collection will occur no less than 7 days prior to opening a pavement to traffic.

Run the IP in the direction of traffic. Make each pass continuously, regardless of length. Measure profiles in the left and right wheelpaths of each lane. Test and evaluate each lane separately. The Engineer will determine the length in miles of each mainline traffic lane. Operate the IP within the speed range recommended by the manufacturer. Avoid harsh braking or large speed variations to maintain a consistent speed.

ANALYSIS

Obtain IRI values in a segment or sublot using the ProVAL "Smoothness Assurance" analysis with the 250mm filter or equivalent method demonstrated to provide the same result.

Obtain the Localized Roughness (LR) values in each segment or sublot using the ProVAL "Ride Quality" analysis with a segment length of 25 feet and the 250 mm filter or equivalent method demonstrated to provide the same result.

REPORTING

Prior to performing any smoothness testing, the responsible party for measurement shall submit all documentation of IP calibration/verification. All smoothness testing results shall be reported to the Engineer within two business days of completing testing, or the Engineer may require re-profiling of the tested pavement section.

All files shall be saved in separate directories for each day. Produce filenames in the format shown below:

File Naming Convention for IRI Reporting	
YYMMDD-N-D-L-Q-B-E	
Abr.	Definition
YY	Year (two digit)
MM	Month (two digit)
DD	Day (two digit)
N	Route Name
D	Direction of travel
L	Lane Number
Q	Unique identifier for the particular stretch of road in a lane and direction
B	Begin Station
E	End Station

Required documentation:

- ERD files of each run
- PROVAL Smoothness Analysis Reports (for IRI)
- PROVAL Ride Quality Reports (for LR)
- Excel Summary of project IRI and LR results

ASPHALT SHOULDERS, SPECIAL (Illinois Tollway)

Effective: June 15, 2017
Revised: January 24, 2019

Description. This work shall consist of constructing Asphalt Shoulders using warm mix asphalt (WMA) according to Section 482, of the Standard Specifications except as modified herein. The shoulder surface shall be a Stone Matrix Asphalt (SMA). The shoulder binder courses shall be an IL-19.0 N70 binder and an IL-19.0 N50 binder.

Revise Article 482.02 of the Standard Specifications to read:

482.02 Materials. Materials shall be according to Section 406 and Section 1030 of the Standard Specifications except at modified herein.

"For construction or resurfacing projects when the HMA or WMA binder and surface course mixtures option is used, the asphalt cement used in the top lift shall not be increased above the amount required in the mix design.

Reclaimed Asphalt Shingles (RAS) used in any mixture shall be according to the Illinois Tollway special provision for RECLAIMED ASPHALT SHINGLES.

For construction or resurfacing projects when the WMA binder and surface course mixtures are used, the WMA mix designs, production and placement shall be in accordance with the special provisions for ASPHALT BINDER AND SURFACE COURSE MIXTURES, STONE MATRIX WARM MIX ASPHALT, and herein.

For Shoulder mixes containing more than 20 percent binder replacement, a chemical additive shall be used as the WMA technology.

Revise Note 2 of Article 1030.02 of the Standard Specifications to read as follows:

"Note 2. The Contractor shall use the asphalt binder grade as shown below:

N50 and N70 Binder Mixtures

Reclaimed Material	Binder Replacement %	Asphalt Binder Grade
RAS/RAP/FRAP	0-20	PG 64-22
Category 1 or 2 FRAP only or with RAS	21-40	PG 58-28
Category 1 or 2 FRAP with RAS	41-60[1]	PG 52-34[2,3]

1/ DCT (ASTM D7313) value as tested both in design and 1st day of construction after an approved Test Strip shall meet or exceed 400 J/m^2 when tested at -12 °C. DCT test to be performed by an AASHTO Resource accredited Laboratory.
2/ PG 46-34 shall be considered an equivalent to PG 52-343/ Alternate Grades or Modifiers may be considered with approval of the engineer for mixtures to be used on the shoulder.

Add the following to Article 1030.04 (b) of the Standard Specifications:

"(4) HMA and WMA N50 Binder

VOLUMETRIC REQUIREMENTS Illinois Tollway Shoulder Binder			
Ndesign	Design Air Voids Target%	Design Voids in the Mineral Aggregate (VMA), % minimum	Design Voids Filled with Asphalt Binder (VFA), %
50	3.0	12.5	65-78

"

Revise the Density Control Limits table in Article 1030.05(d)(4) of the Standard Specifications to read as follows:

DENSITY CONTROL LIMITS		
Mixture Composition	Parameter	Individual Test
IL-9.5, IL-12.5	Ndesign ≥ 90	92.0 – 96.0 %
IL-9.5,IL-9.5L, IL-12.5	Ndesign < 90	92.5 – 97.4 %
IL-19.0,	Ndesign ≥ 90	93.0 – 96.0 %
IL-19.0, IL-19.0L	Ndesign ≥ 70 & < 90	93.0 – 97.4 %
IL-19.0, IL-19.0L	Ndesign = 50	94.0 – 98.4%

Method of Measurement. This work will be measured for payment in accordance with Article 482.07 of the Standard Specifications.

Basis of Payment. This work will be paid for in accordance with Article 482.08 of the Standard Specifications except as modified herein.

Add the following to Article 482.08 of the Standard Specifications:

"WARM-MIX ASPHALT SHOULDERS, SPECIAL of the specified thickness will be paid for under its respective item."

Pay Item Number	Designation	Unit of Measure
JI482128	WARM-MIX ASPHALT SHOULDERS, SPECIAL (9 IN.)	SQ YD

REMOVAL OF EXISTING CONCRETE PIER PROTECTION BARRIER

DESCRIPTION
This work shall consist of the removal and satisfactory disposal of existing concrete pier protection barrier and base, incidental reinforcing steel and anchor bolts as directed by the Engineer.

GENERAL REQUIREMENTS
Equipment used shall not damage the existing bridge columns.

DISPOSAL OF MATERIALS
All materials removed shall be disposed of in accordance with Article 202.03 of the Standard Specifications.

METHOD OF MEASUREMENT
This work will be measured in place in feet. Measurement will be made at the face of the wall

BASIS OF PAYMENT
This work will be paid for at the contract unit price per foot for REMOVAL OF EXISTING CONCRETE PIER PROTECTION BARRIER.

Pay Item Number	Designation	Unit of Measure
JI501030	REMOVAL OF EXISTING CONCRETE PIER PROTECTION BARRIER	EACH

TEMPORARY WOOD POLE, TO REMAIN IN PLACE

DESCRIPTION
This item shall consist of furnishing and installing a temporary wood pole as specified herein and all hardware and accessories required for the intended temporary use of the pole. The installed temporary wood pole will remain in place at the completion of the project.

MATERIALS
Materials shall be according to the following Articles of the Standard Specifications:

Item	Article
Wood Pole	1069.04

INSTALLATION
Installation shall be as described in Article 830.03(c) of the Standard Specifications. The Contractor shall provide all hardware to install the pole as specified herein and indicated on the plans.

Wood poles may be used poles as approved by the Engineer as described in Article 830.04 of the Standard Specifications. The wood pole, as applicable, shall remain in place at the completion of the project.

METHOD OF MEASUREMENT
This work will be measured for payment in units of each.

BASIS OF PAYMENT
This work will be paid for at the contract unit price per each for TEMPORARY WOOD POLE, TO REMAIN IN PLACE, of the class and length indicated.

Pay Item Number	Designation	Unit of Measure
JI830210	TEMPORARY WOOD POLE, 90 FT., CLASS 2, TO REMAIN IN PLACE	EACH

DIAMOND GRINDING AND SURFACE SMOOTHNESS TESTING FOR BRIDGE SECTIONS (Illinois Tollway)

Effective: February 15, 2019

Description. This work shall consist of diamond grinding and surface smoothness testing bridge sections. A bridge section shall consist of the bridge deck, bridge approach slab, transition approach shoulder slab, transition approach slab, and up to 25 feet of adjacent pavement.

Final acceptance of a diamond ground bridge section is done by surface smoothness testing with an inertial profiler (IP).

Equipment. Equipment shall be according to the following.

(a) Diamond Grinder. The grinding device shall be a self-propelled machine with multiple diamond saw blades. Diamond blades or diamond impregnated cylinder rings must be mounted on an arbor head that is a minimum of 4 ft. wide and the diamond saw blades shall be gang mounted on the grinding head at a rate of 50 to 60 blades per foot.

The device must be capable of grinding the surface in the longitudinal direction without causing spalling or other damage at cracks, joints and other locations. Excessive ravels, aggregate fractures, spalls, or disturbance of the transverse and/or longitudinal joints will not be permitted. The device must be capable of correcting the pavement profile and providing proper transverse cross slope. The device must be configured such that it does not encroach on traffic movement outside of the work area in adjacent lanes.

The equipment shall have a positive means of vacuuming the grinding residue from the pavement surface, leaving the surface in a clean, near-dry condition. The slurry shall be disposed of according to Article 202.03.

(b) Surface Testing Equipment. Required surface testing and analysis equipment and their jobsite transportation shall be provided by the Contractor. The Contractor shall furnish a properly certified, calibrated and documented inertial profiler (IP).

The IP shall conform to the Class I requirements of the most recent revision of AASHTO M 328 and is operated according to AASHTO R 57 except as modified herein. The IP shall be outfitted with wide footprint displacement transducers (line lasers). The IP shall be outfitted with transducers to simultaneously measure the left and right wheelpath IRI. The left and right transducers shall be centered on the vehicle. The distance between the outer edge of the left wheelpath laser and the outer edge of the right wheelpath laser, as shown on the pavement, shall be 68 ± 3.0 inches. The Contractor shall provide equipment verification documentation to the Construction Manager prior to the IP being used on the project.

The profile testing device shall have a decal displayed to indicate it has been tested through the IDOT Profile Equipment Verification (PEV) process.

(1) The Contractor shall perform and report the Daily Profiler Calibration Verification (Tollway Testing Form 002) prior to each use. This shall consist of the following:

a. Longitudinal (Distance) Verification.

b. Vertical (Height) Verification.

(i) Block Test.

(ii) Bounce Test.

The Engineer can request a new demonstration of the daily calibration/verification and verify computer settings at any time. Should the equipment not verify or equipment changes are noted by the Engineer, the profile device will not be used.

The Contractor shall furnish an operator trained in the operation of the particular IP to be used on the project. The operator shall be capable of the following:

- Distance Measuring Instrument (DMI) calibration and check
- Static height sensor(s) calibration and check
- Bounce test
- Generate road profiles in a ProVAL compatible electronic format
- Generate requisite smoothness indices using ProVAL software
- Provide smoothness indices in Excel format
- Complete the Tollway Profile Report for Bridge Section Smoothness (Tollway Testing Form 003)

(2) IRI Calculation Software. The software program for IRI calculation shall be the FHWA's Profile Viewing and Analysis (ProVAL) software.

CONSTRUCTION REQUIREMENTS

General. After all components have been cured, the bridge section shall be ground over its entire length and over a width that extends to within 2 ft. of the parapets in a longitudinal direction. Grinding shall be done separately before any saw cut grooving, and no concurrent combination of the two operations will be permitted. Whenever possible, each subsequent longitudinal grinding pass shall be nominal 1/4 inch; however, when the bridge deck thickness noted on the plans can be maintained, as a minimum, additional removal thickness may be permitted.

The grinding process shall produce a surface that is true to grade and uniform in appearance with longitudinal line-type texture. The line-type texture shall contain corrugations parallel to the outside pavement edge and present a narrow ridge corduroy type appearance. The peaks of the ridges shall be 1/8-inch +/- 1/16-inch higher than the bottom of the grinding with evenly spaced ridges.

It shall be the contractor's responsibility to provide the proper surface finish for the aggregate type and concrete present on the project within the bridge section defined above.

The vertical difference between longitudinal passes shall be 1/8-inch maximum. The grinding at the ends of the bridge section, along the parapets and adjacent pavement shall be diminished uniformly to zero.

Grinding shall be continuous through all joints. All expansion joints and bridge components under the joints shall be protected from damage or contact with the grinding slurry.

In order to match the outside edge of the pavement, adjacent paved areas (for example, shoulders, curb and gutter, ramps, tapers, paved crossovers, and so forth) shall be grinded to minimize vertical projections.

Surface Testing. The diamond ground bridge section shall be surface smoothness tested in accordance with AASHTO R 57, in the direction of travel, and in the presence of the Engineer prior to opening to traffic.

Notify the Engineer a minimum of 24 hours prior to surface smoothness measurements. Do not perform any measurements until all final wearing courses are in place within the bridge section lanes being measured. Remove all dirt and debris from the surface of the travel lanes prior to performing the surface smoothness measurements. During surface testing, joint openings may be temporarily filled with material approved by the Engineer. A copy of the current calendar year's approval letter and recorded settings from the Profile Equipment Verification (PEV) Program shall be submitted to the Engineer prior to testing.

Provide permanent or temporary pavement markings for all travel lanes that are of sufficient size to be visible during surface smoothness measurements. Ensure the path of the profiler is parallel to the lane centerline at all times during data collection.

Provide necessary traffic control and survey stationing for all surface smoothness measurements.

Collect surface smoothness measurements for both wheelpaths in each proposed travel lane during one continuous pass. The wheelpaths shall be located parallel to the centerline or baseline of the roadway or ramp and approximately 3.0 feet from the centerline of the proposed travel lane, measured transversely in both directions. The travel lane is defined by the permanent striping as shown in the plans.

Calculate International Roughness Index (IRI) for each wheelpath according to the Tollway Test Procedure 004 ProVAL Protocol for Bridge Section Smoothness Calculation for the bridge section using a continuous 25 foot base length analysis and calculate the Mean IRI (MRI) for each travel lane. The MRI is the average of the IRI values for the right and left wheelpaths in each travel lane.

Submit to the Engineer the following documents:

1. The competed Tollway Testing Form (TTF) 003 - Tollway Profile Report for Bridge Section Smoothness including the final data for each lane
2. TTF 002 - Daily Profiler Calibration Verification Report for each day of profiler use corresponding to the data reported in TTF 003
3. ProVAL .ppf file of the cropped profile data for each lane reported in TTF 003
4. ProVAL Short Continuous IRI PDF for each lane reported in TTF 003

The Engineer will use a 16 ft straightedge in accordance with Article 1101.10(a) to evaluate areas excluded from IP surface testing. A 3/16-inch tolerance will be used with the straightedge.

CORRECTIVE ACTION

The MRI shall be 100 inch/mile or less for each travel lane. Corrective action is required when the MRI is greater than 100 inches/mile, or where the IRI in any 25 foot segment of the bridge section exceeds 200 inch/mile. Corrective action shall not result in the deck thickness being less than the minimum.

Where corrective work is performed, the bridge section shall be retested to verify that corrections have produced an MRI of 100 inch/mile or less for each lane, with IRI in any 25 foot segment of the bridge section less than 200 inch/mile.

The Contractor shall furnish the ProVAL files and the completed form(s) to the Engineer within two working days after any corrections are made. Corrective actions shall be performed at no additional cost to the department.

The Tollway may perform profile testing on the surface at any time for monitoring and comparison purposes.

Method of Measurement. This work will be measured for payment in place and the area computed in SQUARE YARDS of diamond grinding performed.

Basis of Payment. This work will be paid for at the contract unit price per square yard for DIAMOND GRINDING AND SURFACE SMOOTHNESS FOR BRIDGE SECTIONS.

Pay Item Number	Designation	Unit of Measure
JS503160	DIAMOND GRINDING AND SURFACE SMOOTHNESS FOR BRIDGE SECTIONS	SQ YD

Contractor shall identify and obtain engineer approval for traffic loading on all drainage and utility structures within the temporary traveled way prior to shifting traffic. Necessary modifications to drainage and utility structures shall be installed as directed by engineer. At a minimum the contractor shall tack weld all frame and grates that are located within a driving lane during the pre-stage to the satisfaction of the engineer.

In the event of snow the Contractor will be responsible for the immediate removal of any maintenance of traffic devices required for construction operations that would interfere with the snow removal performed by the Illinois Tollway. The Contractor should note that during a snow event, snow may be plowed into the construction zone. The Contractor will be responsible for restoring the maintenance of traffic devices after the completion of the snow removal operations. All snow accumulated within the bridge work area shall be hauled away outside of the bridge limits and no snow shall be pushed or thrown off the bridges.

ALLOWABLE LANE CLOSURES

Temporary lane closures within the contract limits will be permitted only with the Illinois Tollway's approval. All temporary lane and shoulder closures must be approved by the Illinois Tollway and shall be submitted by the Contactor to the Engineer by 7:00 AM weekdays at least one business day before the closure. The lane closure coordination must be routed through the Engineer and no contact should be made directly with the Illinois Tollway. The Contractor shall refer to the Illinois Tollway Lane Closure Guide for allowable lane closure hours. In addition, closures along the Central Tri-State Tollway (I-294) shall be in accordance with the Illinois Tollway's Standard E2, Lane Closure Details.

Delete 701.14 (c) of the Illinois Tollway Supplement Specifications in its entirety and replace with the following:
"The maximum allowable time limit for a full closure on a Illinois Tollway road shall be fifteen (15) minutes, ten (10) minutes for sign truss erection. No full closures of any duration will be allowed during the hours of 10:00 p.m. Friday – 5:00 a.m. Sunday."

DAY	POSSIBLE DAILY SHOULDER CLOSURE TIMES M.P. 20 to M.P. 23	
	Northbound	Southbound
Monday-Sunday	9:00 a.m.- 3:00 p.m.	9:00 a.m.- 3:00 p.m.

DAY	POSSIBLE 1-LANE CLOSURE TIMES M.P. 20 to M.P. 23	
	Northbound	Southbound
Monday	8:00 p.m.- 5:00 a.m. Tues.	8:00 p.m.- 5:00 a.m. Tues.
Tuesday	8:00 p.m.- 5:00 a.m. Wed.	8:00 p.m.- 5:00 a.m. Wed.
Wednesday	8:00 p.m.- 5:00 a.m. Thru.	8:00 p.m.- 5:00 a.m. Thru.
Thursday	8:00 p.m.- 5:00 a.m. Fri.	8:00 p.m.- 5:00 a.m. Fri.
Friday	10:00 p.m.- 8:00 a.m. Sat.	10:00 p.m.- 10:00 a.m. Sat.
Saturday	6:00 p.m.- 10:00 a.m. Sun.	10:00 a.m.- 10:00 a.m. Sun.
Sunday	8:00 p.m.- 5:00 a.m. Mon.	10:00 a.m.- 5:00 a.m. Mon.

HOLIDAY PERIODS
Holiday periods shall be per Tollway Supplemental Specifications Article 701.12 with the following additions:

Periods	Dates	Times
Independence Day Weekend 2019	July 3, 2019 to July 8, 2019	12:00 noon, Wednesday to 9:00 A.M. Monday
Labor Day Weekend 2019	August 30, 2019 to September 3, 2019	12:00 noon, Friday to 9:00 A.M. Tuesday
Thanksgiving Day Weekend 2019	November 27, 2019 to December 2, 2019	12:00 noon, Wednesday to 9:00 A.M. Monday
Christmas 2019 / New Year 2020	December 24, 2019 to January 2, 2020	12:00 noon, Tuesday to 9:00 A.M. Thursday
Periods	**Dates**	**Times**
Easter Weekend 2020	April 9, 2020 to April 13, 2020	12:00 noon Thursday to 9:00 A.M. Monday
Memorial Day Weekend 2020	May 22, 2020 to May 25, 2020	12:00 noon Friday to 9:00 A.M. Tuesday
Independence Day Weekend 2020	July 3, 2020 to July 6, 2020	12:00 noon, Friday to 9:00 A.M. Monday
Labor Day Weekend 2020	September 4, 2020 to September 8, 2020	12:00 noon, Friday to 9:00 A.M. Tuesday
Thanksgiving Day Weekend 2020	November 25, 2020 to November 30, 2020	12:00 noon, Wednesday to 9:00 A.M. Monday
Christmas 2020 / New Year 2021	December 24, 2020 to January 4, 2020	12:00 noon, Thursday to 9:00 A.M. Thursday
Periods	**Dates**	**Times**
Easter Weekend 2021	April 1, 2021 to April 5, 2021	12:00 noon Thursday to 9:00 A.M. Monday
Memorial Day Weekend 2021	May 28, 2021 to June 1, 2021	12:00 noon Friday to 9:00 A.M. Tuesday

METHOD OF MEASUREMENT
This shall conform to Article 701.15 of the Illinois Tollway Supplemental Specifications except as modified above.

All maintenance of traffic required for the Contract shall be considered part of the Lump Sum measurement for MAINTENANCE OF TRAFFIC, unless noted or specified otherwise.

Single or multiple lane closures for patching of existing bridge decks and approach slabs will be measured separately in accordance with special provision MAINTENANCE OF BRIDGE DECKS.

BASIS OF PAYMENT
This shall conform to Article 701.15 of the Illinois Tollway Supplemental Specifications except as modified above.

Pay Item Number	Designation	Unit of Measure
JS701010	MAINTENANCE OF TRAFFIC	L SUM

WEBCAM

Description

This work shall consist of furnishing, installing, calibrating, testing and maintaining a webcam system and related required components. A wood pole of the height specified on the plans for mounting the webcam system shall be paid for separately. The archived images from the webcam system will be used to create time lapse photography through the duration of the service life of the Webcam.

The contractor shall furnish a webcam system manufactured by Earthcam or approved equal and shall coordinate the procurement, installation testing and calibration of the system with the following representative from Earthcam (System Vendor) or approved equal System Vendor.

Joe Streko
Email: **jstreko@earthcam.com**
Phone: 201-403-2834

Locations shown in the plans are approximate and are shown for the purpose of depicting where the webcam system and associated equipment must function. The Contractor shall coordinate with the Engineer to determine the final location, in consultation with the Tollway for optimum site coverage.

The Contractor shall be required to provide ongoing maintenance of the webcam and hosting and maintaining the established website, archiving services, and the 4G modem data service, in coordination with the webcam System Vendor through the duration on the contract.

On completion of the contract, the Contractor shall coordinate with the Engineer to determine how maintenance responsibility shall be transferred to another contract performing work in the project area or transferred to the Illinois Tollway.

Materials

The webcam system shall meet or exceed the following system component specifications. The system components furnished shall be compatible with the central system software and control center of the System Vendor:

Gigapixel X10 Camera or approved equal: The camera shall at a minimum meet the following specifications:

i. Thermostatically controlled IP66/IP67 rated environmentally sealed black powder coated enclosure with stainless steel hardware
ii. User controlled window wiper
iii. Industrial grade solid state embedded Linux System
iv. Pan/Tilt robotic base designed to provide consistent imaging in all environments.
v. Pan/Tilt: Pan Range 360° continuous Pan, Tilt: +45° to -90° non-continuous pan mode. Motor Type: Stepper
vi. Auto-generated 360° Megapixel Panoramas up to 10 Gigapixel (10,000 megapixels)
vii. 24 Megapixels (6000 x 4000 pixels), Digital SLR camera with a 15.6 mm x 23.6 mm

DX-Format CMOS Image Sensor

viii. Lens: F/3.5-F/5.6, 18-300mm, 17X Optical Zoom

ix. Live streaming video preview window with daily 4K broadcast quality clip

Communications

The communication to the camera shall be over 4G cellular wireless network.

The Contractor shall be responsible for the 4G cellular modem and related monthly service fees for the 4G cellular communication service, in coordination with the webcam System Vendor through the duration of the contract. In addition, the 4G cellular modem shall meet the following requirements at a minimum.

i. Communications: 10Base-T/100Base-TX Ethernet, IP Addressing: Dynamic or Static

ii. 32GB On-Board Data Backup to provide a minimum of thirty days of on-board image retention

Power

The webcam system shall be powered through a solar 12 VDC system equipped for continuous, uninterrupted power. Solar panels, batteries, inverters, weatherproof enclosure and any other required material shall be provided by the Contractor, in coordination with the webcam System Vendor. In addition, the Contractor shall be responsible for maintenance of the solar power system throughout the duration of the contract.

Mounting Structure

The webcam system shall be mounted on a wood pole, paid for separately, of the height specified on the plans. Any additional requirements per the System Vendor shall be coordinated by the Contractor. The Contractor shall supply all equipment required for safe and secure access to the camera location for technicians performing installation and maintenance services, including building access, bucket truck and/or lift. The Contractor shall coordinate with the System Vendor and obtain professional installation services, to determine optimal camera placement.

Web Interface

The webcam system shall be accessible via an internet based software as a Service (SaaS) solution. This online interface shall be managed and supported by the System Vendor and the Contractor shall be responsible for payment of all hosting, archiving and broadcasting service fees, including creating time-lapse video throughout the duration of the of the contract. The service shall allow the viewing of live video and HD digital still images captured and stored of the project via a secure password protected website. In addition, the web interface shall meet the following requirements:

The Internet Based Online Interface shall include the following features:

i. The System Vendor shall provide a live link to the video stream from the webcam. The Contractor is required to coordinate with the Engineer to determine the suitable integration of the live stream into the Tollway Elgin O'Hare Western Access project web page.

ii. Multiview Screen for viewing and accessing multiple cameras.
iii. Real-time live video viewing
iv. User-controllable Robotic Pan, Tilt and Zoom
v. Instant live snapshot capability in addition to preset scheduled archives.
vi. Account access security feature shall include four levels of password protection, IP address block/permission and SSL protection of user login password.

Other System Requirements

In addition, the webcam system shall meet the following general requirements:

i. The webcam system shall capture and upload images every 15 minutes, 24 hours per day.
ii. Software and system upgrades shall be made whenever available by the System Vendor at no additional cost to the Tollway.
iii. Images generated will be maintained on the servers owned and operated by the System Vendor, throughout the life of the project and for no less than 60 days after completion.
iv. The System Vendor shall provide custom public website separate from the online interface. The website shall be coordinated with the Engineer to match the look and colors of the project's website, and be delivered as embed code or standalone web page.
v. The System Vendor shall provide time-lapse movie(s) at the end of the project. Time-lapses shall be professionally edited by a video editor using image stabilization software.

Maintenance.
The Contractor shall be responsible to provide all service and maintenance, including cleaning, of the camera system throughout the life of the project including making appropriate arrangements for camera to remain in operation up to and through finalization of all structural, landscaping and "completed state" condition necessary for beginning-to-end time- lapse record.

Method of Measurement. This work will be measured for payment in place in units of each.

Basis of Payment. This work will be paid for at the contract unit price per each for WEBCAM which price shall be payment in full for the work described herein including all labor and equipment and any other material required for successful installation and testing of the webcam system as stated herein. The cost of the furnishing and installing of a wood pole of the height specified in the plans shall be paid for separately.

Pay Item Number	Designation	Unit of Measure
JT135042	WEBCAM	EACH

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CONTRACT ALLOWANCE FOR EMERGENCY BRIDGE REPAIRS AND ASSOCIATED TRAFFIC CONTROL

DESCRIPTION

This Special Provision establishes a budgetary allowance for emergency bridge deck patching and related work on the Mile Long Bridges Nos. 191 and 192, and LaGrange Road Bridges Nos. 183 and 184, which includes the required traffic control that might need to be performed by the Contractor, the scope of which cannot be determined at the time of submittal of the Proposal.

The work to be completed under this item shall be as directed by the Engineer, and may include, but is not limited to, repairs to the deck, expansion joints, scuppers, a bituminous overlay at bridge No. 192 only, and all associated traffic control. This item provides a line item against which payment will be made since the scope cannot be determined at the time of submittal of the Proposal and excludes work scope that is established under special provision MAINTENANCE OF BRIDGE DECKS.

The work is anticipated to occur on and after November 16th and through March 14th of the following calendar year, as directed by the Engineer when field conditions warrant. The work shall occur during weekends within the allowable hours outlined in the special provision MAINTENANCE OF TRAFFIC, unless ordered otherwise by the Engineer.

MAINTENANCE OF TRAFFIC

Unless determined otherwise, maintenance of traffic for this work shall be in accordance with special provision MAINTENANCE OF TRAFFIC, the Plans, the Illinois Tollway's Standard Drawings and IDOT Standard Highway Drawings.

METHOD OF MEASUREMENT

This work will not be measured for payment.

BASIS OF PAYMENT

Payment for this work will be made as specified in the Illinois Tollway Supplemental Specifications Article 109.04 using a force account basis. Payment for this work will not exceed the costs incurred by the Contractor and approved by the Engineer.

Pay Item Number	Designation	Unit of Measure
JT154070	CONTRACT ALLOWANCE FOR EMERGENCY BRIDGE REPAIRS AND ASSOCIATED TRAFFIC CONTROL	UNIT

STEEL COST ADJUSTMENT (Illinois Tollway) (RETURN FORM WITH BID)

Effective: April 1, 2009
Revised: April 23, 2015

Description. Steel cost adjustments will be made to provide additional compensation to the Contractor, or a credit to the Illinois Tollway, for fluctuations in steel prices when optioned by the Contractor. The bidder shall indicate on the attached form whether or not this special provision will be part of the contract and submit the completed form with his/her bid. Failure to submit the form or failure to indicate contract number, company name, and sign and date the form shall make this contract exempt of steel cost adjustments for all items of steel. Failure to indicate "Yes" for any item of work will make that item of steel exempt from steel cost adjustment.

Types of Steel Products. An adjustment will be made for fluctuations in the cost of steel used in the manufacture of the following items:

Metal Piling (excluding temporary sheet piling)
Structural Steel
Reinforcing Steel

Other steel materials such as dowel bars, tie bars, mesh reinforcement, guardrail, steel traffic signal and light poles, towers and mast arms, metal railings (excluding wire fence), and frames and grates will be subject to a steel cost adjustment when the pay items they are used in have a contract value of $10,000 or greater.

The adjustments shall apply to the above items when they are part of the original proposed construction, or added as extra work and paid for by agreed unit prices. The adjustments shall not apply when the item is added as extra work and paid for at a lump sum price or by force account.

Documentation. Sufficient documentation shall be furnished to the Engineer to verify the following:

(a) The dates and quantity of steel, in lb, shipped from the mill to the fabricator.

(b) The quantity of steel, in lb, incorporated into the various items of work covered by this special provision. The Illinois Tollway reserves the right to verify submitted quantities.

The following is a listing of all applicable pay item numbers:

50800105, 50800205, 51201400, 51201800, 51201900, 51202000, JI505231, JI505232, JI505233, JI505234, JI505240, JI630004, JS838038, JT508010

Method of Adjustment. Steel cost adjustments will be computed as follows:

SCA = Q X D

Where: SCA = steel cost adjustment, in dollars
Q = quantity of steel incorporated into the work, in lb
D = price factor, in dollars per lb

TRUCK-MOUNTED ATTENUATOR

DESCRIPTION
This work shall consist of furnishing and utilizing trucks with mounted attenuators as directed by the Engineer. Each truck shall be furnished with a driver (operator).

GENERAL REQUIREMENTS
A truck-mounted attenuator (TMA) capable of absorbing the impact of errant vehicles can be attached to the rear of a shadow or barrier vehicle to reduce the severity of rear-end crashes. These protective vehicles shall be equipped with flashing amber lights and may be equipped with an arrow board or message sign.

The TMA shall be positioned a sufficient distance in front of of the patching crew within the work zone to allow for the appropriate vehicle roll-ahead but not so far that errant vehicles can travel around the vehicle and strike workers or equipment. This distance shall not be less than 2 times the speed limit (in feet) or more than 4 times the speed limit (in feet) and ideally shall be 3 times the speed limit (in feet) (for 65 mph this distance is about 200 feet).

The individual vehicles that are part of the work zone cannot be spaced more than 4 times the speed limit (in feet) to be considered part of the work zone protected by the TMA. In the event any vehicle is spaced more than 4 times the speed limit (in feet) an additional TMA must be positioned in front of the new work zone (for 65 mph this distance is 260ft).

A stationary vehicle equipped with a TMA shall have the attenuator in the full down-and-locked position with the vehicle's parking brake set and the transmission in gear. The front wheels of the vehicle shall be turned away from the work zone and traffic to direct it towards a safe area in the event of an impact.

A shadow vehicle equipped with TMA protecting a moving work zone shall have the attenuator in the full down-and-locked position and shall maintain the position of the vehicle within the spacing guidelines given above.

The type of TMA shall be FHWA certified as meeting NCHRP 350 Level 3 test criteria.

METHOD OF MEASUREMENT
TRUCK MOUNTED ATTENUATORS will be measured per hour that the TMA is in place, either shadowing or stationary, as a part of traffic control. The measurement by the hour will include the driver (operator) of the truck. Time spent moving the TMA to and from the project site, or time spent waiting for the traffic control set-up will not be measured for payment.

BASIS OF PAYMENT
Payment for TRUCK MOUNTED ATTENUATOR, either shadowing or stationary, including the driver (operator), will be made at the Contract unit price per hour for each TMA. For the purpose of payment, the TRUCK MOUNTED ATTENUATOR shall be considered to include the truck vehicle, the truck driver (operator) cost during normal and premium work hours while in place, and the mounted attenuator.

Pay Item Number	Designation	Unit of Measure
JT190148	TRUCK MOUNTED ATTENTUATOR	HOUR

FISH BARRIER ACCESS MANAGEMENT

DESCRIPTION
This work includes all labor, materials, equipment and incidentals required to open the existing fish barrier when equipment needs to access through the barrier, repeated removal, temporary installation, and monitoring of the existing fish barrier, and eventual re-establishment of the fish barrier at completion of the project, in accordance with the plans and these specifications.

MATERIALS
Materials shall consist of the existing on-site fish barrier. Materials required to re-establish the fish barrier at the end of the project shall meet the requirements of Article 704.02.

Wire Type II, galvanized steel wire ASTM A 123/A 123M, ASTM E 2016. Fabric shall be 16-gauge wire woven in ¼" mesh.

SUBMITTALS
The Contractor shall submit barrier removal, replacement, and final re-establishment procedures to the Engineer for review and approval prior to beginning the work.

FISH BARRIER REMOVAL
The identified temporary concrete barrier wall section(s) of the original fish barrier shown on the plans may be removed and stored at a location on-site approved by the Engineer. Any fish barrier damaged (removed or in-place) by the Contractor will be replaced by the Contractor at his expense. The USACE shall be notified when the barrier is scheduled to be removed, after removal is actually completed, when the barrier is scheduled to be permanently re-established, and after re-establishment is actually completed. Notification shall be as soon as possible once the schedule is defined or changed and at least 24 hours before actions are to be taken so that the USACE has an opportunity to inspect the barriers before removal, observe removal if desired, and observe re-establishment if desired.

TEMPORARY INSTALLATION
When equipment does not need to access through the approved gap in the barrier for more than 5 working days, the original temporary concrete barrier wall sections of the fish barrier shall be reinstalled at their original location to close the opening. The steel wire mesh shall be draped over the barrier with sandbags placed on both sides sufficient to secure the mesh. The mesh shall overlap the fish barrier beyond the opening by 10-feet minimum. Sandbags shall be a minimum of 50 pounds and shall be placed so that they are touching end to end on both sides of the barrier wall for the length of the mesh. An estimated duration of the labor required to temporarily re-establish the barriers per the proposed plan shall be provided by the Contractor. The ultimate length of barrier removed at any one point shall not require more time to replace in the event of a potential flooding event than forecasted lead time available before flooding.

At either end of the placed mesh, action shall be taken to ensure the mesh is flush with the barrier for the entire height of the barrier on the Des Plaines River side of the barrier. This shall be done by stacking sandbags up to the height of the barrier or other methods approved by the Engineer to ensure no gap between barrier and the mesh where the mesh ends.

MONITORING
The Contractor shall monitor the National Oceanic and Atmospheric Administration (NOAA) advanced hydrologic prediction service website for the Des Plaines River near Lemont gage at Riverside, Illinois. The Contractor shall check, monitor and record the date from the website at least

once every twelve (12) hours, including all weekends and holidays, for the duration of the project, when the fish barrier has been removed. The Contractor shall also set an automatic alert for the tracking of the river gauge that will send automatic notifications to the Contractor when the Des Plaines River is approaching or has exceeded the 12.0' level.

If the forecast gage height is estimated to exceed the 12.0' ("Gage 0" Datum: 578.83' elev.) for the Des Plaines River Near Lemont gage, the fish barrier shall be closed as soon as possible and at most before the time of the forecasted river crest of 12.0' or within twenty-four (24) hours of notification of such an impending crest, whichever is less. The fish barrier must be established, sealed, covered with steel wire mesh, and sand-bagged in place. The Contractor shall provide photographic evidence, and a cover letter documenting that the re-installation is complete to the Engineer. The letter shall include the date and time of the alert that triggered re-installation, the date and time that re-installation was completed, and the river stage at the time re-installation was completed, so that the Engineer can provide the information to the designated USACE contact.

RE-ESTABLISHMENT

At the end of the project, the Contractor shall re-install the fish barrier wall to match the original fish barrier conditions at the time of project commencement. There shall be no gap below or between barrier wall sections. The Contractor shall install caulk or grout to fill all gaps prior to acceptance. Caulk shall be suitable for this use and approved by the Engineer prior to installation. The maximum make-up distance shall be one inch. During re-establishment, the Contractor shall ensure that the bases and tops of the barriers are flush with each other and the neighboring barrier sections that were not removed. The final condition of the fish barrier shall be inspected and approved by the Engineer.

METHOD OF MEASUREMENT

This work will be not be measured for payment.

BASIS OF PAYMENT

This work will be paid at the Contract lump sum price for FISH BARRIER ACCESS MANAGEMENT at the location shown on the plans.

Pay Item Number	Designation	Unit of Measure
JT281020	FISH BARRIER ACCESS MANAGEMENT	L SUM

PARTIAL DEPTH DECK SLAB AND APPROACH SLAB ASPHALT REPAIR (IllinoisTollway)

Effective: August 24, 2016

DESCRIPTION

This work shall consist of the removal and disposal of all loose and deteriorated concrete from the bridge deck or approach slab that only exists above the top mat of reinforcement and the replacement with an asphalt mixture to the top of the slab surface. The work shall be done according to the applicable requirements of Sections 406, 442, 501, and 1030 of the Standard Specifications, asphalt-related Illinois Tollway special provisions contained in this contract, and this special provision.

Bridge deck and approach slab repairs will be classified as follows:

(a) Partial Depth Asphalt– (Special). Repairs shall consist of removing the loose and unsound bridge deck or approach slab concrete where it only exists at or above the top mat of reinforcement, disposing of the concrete removed and replacing with a compacted asphalt mixture to the top of the existing slab. The removal may be performed by chipping with power driven hand tools or by hydro-demolition equipment. Partial Depth Asphalt – (Special) patching is intended for use at locations where the removal operations do not require removal of material below the top reinforcement.

(b) Partial Depth Concrete - Areas requiring removal below the top or bottom reinforcement shall be removed and replaced in accordance with the Illinois Tollway special provision for FAST SET BRIDGE DECK AND APPROACH SLAB REPAIR (SPECIAL).

MATERIALS

HMA Surface Course for partial-depth repairs under this special provision shall be an IDOT or Illinois Tollway approved Hot Mix Asphalt Surface Course, Mix D, N70 mix, and shall be designed in accordance with the applicable portions of Section 406 of the Standard Specifications and the Illinois Tollway Special Provision for ASPHALT BINDER AND SURFACE COURSE MIXTURES included in this contract.

Asphalt Tack Coat material shall meet the requirements of the applicable portions of Illinois Tollway Special Provision for ASPHALT – TACK COAT included in this contract.

EQUIPMENT

The equipment used shall be subject to the approval of the Engineer and shall meet the following requirements:

(a) Surface Preparation Equipment. Surface preparation and concrete removal equipment shall be according to the applicable portions of Section 1101 of the Standard Specifications and the following:

(1) Sawing Equipment. Sawing equipment shall be a concrete saw capable of sawing concrete to the specified depth.

(2) Blast Cleaning Equipment. The blast cleaning may be performed by wet sandblasting, high-pressure waterblasting, shotblasting or abrasive blasting. Blast cleaning equipment shall be capable of removing rust and old concrete from exposed reinforcement bars, and shall have oil traps.

(3) Power-Driven Hand Tools. Power-driven hand tools will be permitted including jackhammers lighter than the nominal 45 lb class. Chipping hammers heavier than a nominal 15 lb class shall not be used for removing concrete from below any reinforcing bar for partial depth repairs or final removal at the boundary of full-depth repairs. Jackhammers or chipping hammers shall not be operated at an angle in excess of 45 degrees measured from the surface of the slab.

(4) Hydraulic Impact Equipment. Hydraulic impact equipment with a maximum rated striking energy of 360 ft-lbs may be permitted only in areas of full depth removal more than 1 foot away from existing beams, girders or other supporting structural members that are to remain in service or more than 1 foot from the boundaries of full-depth repairs.

(5) Hydro-Demolition Equipment. The hydro-demolition equipment shall consist of filtering and pumping units operating with a remote-controlled robotic device. The equipment shall use water according to Section 1002 of the Standard Specifications. The equipment shall be capable of being controlled to remove only unsound concrete.

(b) Hot Mix Asphalt Equipment: Equipment shall be according to Article 406.03 of the Standard Specifications, except vibratory rollers shall not be permitted on bridge decks, and rollers shall have a minimum of 200 lb/in. Adequate hand tools will be permitted for placing hot mix asphalt in the patch areas and for finishing small patches.

CONSTRUCTION REQUIREMENTS

Sidewalks, curbs, drains, reinforcement and/or existing transverse and longitudinal joints which are to remain in place shall be protected from damage during removal and cleaning operations. All damage caused by the Contractor shall be corrected, at no additional cost to the Illinois Tollway, to the satisfaction of the Engineer.

The Contractor shall control the runoff water generated by the various construction activities in such a manner as to minimize, to the maximum extent practicable, the discharge of untreated effluent into adjacent waters, and shall properly dispose of the solids generated according to Article 202.03 of the Standard Specifications. The Contractor shall submit a water management plan to the Engineer for review and acceptance, specifying the control measures to be used. Runoff water will not be allowed to constitute a hazard on adjacent or underlying roadways, waterways, drainage areas or railroads nor be allowed to erode existing slopes.

(a) Surface Preparation:

All loose, disintegrated and unsound concrete shall be removed from portions of the bridge deck or approach slab shown on the plans or as designated by the Engineer. The Engineer will determine the limits of removal as the work progresses.

The Contractor shall take care not to damage reinforcement bars or expansion joints which are to remain in place. Any damage to reinforcement bars or expansion joints shall be corrected at no additional cost to the Illinois Tollway. All loose reinforcement bars, as determined by the Engineer, shall require patching in accordance with the Fast Set Bridge Deck and Approach Slab Repair (Special) special provision.

(1) Partial-Depth. Areas to be repaired will be determined and marked by the Engineer. A concrete saw shall be used to provide vertical edges approximately 3/4 in. deep around the perimeter of the area to be patched. Where high steel is present, the depth may be reduced as directed by the Engineer. A saw cut will not be required on those boundaries along the face of the curb, parapet or joint or when sharp vertical edges are provided by hydro-demolition.

The loose and unsound concrete shall be removed by chipping, with power driven hand tools or by hydro-demolition equipment. The minimum depth of removal shall be to 1.5 inches below the top of the existing deck. The maximum depth of removal for any partial-depth asphalt repair shall not be below the top layer of reinforcement. Any locations where removal below the top layer of reinforcement is required as directed by the Engineer shall be repaired in accordance with the Illinois Tollway special provisions for Fast Set Bridge Deck and Approach Slab Repair (Special). All exposed reinforcing bars and newly exposed concrete shall be thoroughly blast cleaned.

The Engineer may require enlarging a designated removal area should inspection indicate deterioration beyond the limits previously designated. In this event, a new saw cut shall be made around the extended area before additional removal is begun. The removal area shall not be enlarged solely to correct debonded reinforcement or deficient lap lengths.

(2) Reinforcement Treatment. Care shall be exercised during concrete removal to protect the reinforcement bars and structural steel from damage. Any damage to the reinforcement bars or structural steel to remain in place shall be repaired or replaced to the satisfaction of the Engineer at no additional cost to the Illinois Tollway. Any loose reinforcement or reinforcement requiring repair or replacement will require the patch to be repaired with the Fast Set Bridge Deck and Approach Slab Repair (Special) special provision.

(3) Cleaning. Immediately after completion of the concrete removal and reinforcement repairs, the repair areas shall be cleaned of dust and debris. Once the initial cleaning is completed, the repair areas shall be thoroughly blast cleaned to a roughened appearance free from all foreign matter. Particular attention shall be given to removal of concrete fines. Any method of cleaning which does not consistently produce satisfactory results shall be discontinued and replaced by an acceptable method. All debris, including water, resulting from the blast cleaning shall be confined and shall be immediately and thoroughly removed from all areas of accumulation. If asphalt mixture placement does not follow immediately after the final cleaning, the area shall be carefully protected with well-anchored polyethylene sheeting.

Exposed reinforcement bars shall be free of dirt, detrimental scale, paint, oil, or other foreign substances.

(b) Placement & Finishing of Repair:

Hot Mix Asphalt Placement.

After cleaning, the patch area must be dry before placing the asphalt tack coat. Asphalt Tack Coat shall be applied to the repair surfaces to receive hot mix asphalt according to the applicable portions of the Illinois Tollway special provision for ASPHALT-TACK COAT contained herein. Asphalt Tack Coat shall be applied as specified for concrete bases.

The hot mix asphalt shall be placed and compacted according to Article 442.08 of the Standard Specifications and as herein specified.

The Contractor shall perform a growth curve at the beginning of placement of HMA. The growth curve for each type of mix and each lift shall be performed at a location of a repair area with a minimum size of 10 square yards. If an adjustment is made to the specific mix design, the Engineer reserves the right to request an additional growth curve and supporting tests at no additional cost to the Illinois Tollway.

Compaction of the growth curve shall commence immediately after the course is placed and at a temperature of not less than 280 °F. The growth curve, consisting of a plot of lb/cu ft vs. number of passes with the project breakdown roller, shall be developed. This curve shall be established by use of a nuclear gauge. Tests shall be taken after each pass until the highest lb/cu ft is obtained. This value shall be the target density provided the air voids are within acceptable limits. If air voids are not within the specified limits, corrective action shall be taken, and a new target density shall be established.

A new growth curve is required if the breakdown roller used on the growth curve is replaced with a new roller during production.

The target density shall apply only to the specific gauge used. If additional gauges are to be used to determine density specification compliance, the Contractor shall establish a unique minimum allowable target density from the growth curve location for each gauge. The Illinois Tollway will establish a target density for its Quality Assurance nuclear gauge from the growth curve location.

All lifts shall be compacted to an average density of not less than 95 percent or greater than 102 percent of the target density obtained on the growth curve. The average density shall be based on tests representing one day's production.

(c) Opening to Traffic.

No traffic will be permitted on a patch of asphalt mixture until the surface temperature of the asphalt patch is below 100°F.

METHOD of MEASUREMENT

This work will be measured in square yards.

BASIS of PAYMENT

This work will be paid at the contract unit price per square yard for PARTIAL DEPTH BRIDGE DECK AND APPROACH SLAB ASPHALT REPAIR.

The cost of furnishing and installing Asphalt Tack Coat and Hot-Mix-Asphalt will not be measured or paid for separately, but will be included in the cost for PARTIAL DEPTH BRIDGE DECK AND APPROACH SLAB ASPHALT REPAIR.

Partial depth deck and approach slab areas removed and replaced with HMA Surface Course will be paid for at the contract unit price per square yard for PARTIAL DEPTH BRIDGE DECK AND APPROACH SLAB ASPHALT REPAIR.

When corroded reinforcement bars are encountered in the performance of this work and replacement is required, the Contractor will be paid according to Article 109.04 of the Illinois Tollway Supplemental Specifications.

No payment will be allowed for removal and replacement of reinforcement bars damaged by the Contractor in the performance of his/her work or for any increases in dimensions needed to provide splices for these replacement bars.

Pay Item Number	Designation	Unit of Measure
JT442300	PARTIAL DEPTH BRIDGE DECK AND APPROACH SLAB ASPHALT REPAIR	SQ YD

FAST SET BRIDGE DECK AND APPROACH SLAB REPAIR (SPECIAL)

DESCRIPTION

This work shall consist of the removal and disposal of all loose and deteriorated concrete from the bridge deck or approach slab and the replacement with Fast Setting Concrete to the top of the slab surface as directed by the Engineer. The work shall be done according to the applicable requirements of Sections 501, 503 and 1020 of the Standard Specifications, the special provision FAST SETTING CONCRETE, and this special provision.

Bridge deck and approach slab repairs will be classified as follows:

(a) Partial Depth – (Special). Repairs shall consist of removing the loose and unsound deck or approach slab concrete that exists below the top mat of reinforcement, disposing of the concrete removed and replacing with Fast Setting Concrete to the top of the existing slab. The removal may be performed by chipping with power-driven hand tools or by hydro-demolition equipment. The depth shall be measured from the top of the concrete slab surface to at least 1.0" below the top mat of steel reinforcement throughout the repair area but not past the bottom reinforcement. Partial Depth – (Special) patching is intended for use at locations where the removal operations have required repair below the top reinforcement but not past the bottom reinforcement. Removal and replacement of any unsound or loose concrete that exists only above the top mat of reinforcement shall be repaired with partial depth asphalt patches using the special provision for Partial Depth Deck Slab and Approach Slab Asphalt Repair.

(b) Full-Depth. Full-depth repairs shall consist of removing concrete full-depth of the bridge deck or approach slab, disposing of the concrete removed, and replacing with Fast Setting Concrete to the top of the existing slab surface. The removal may be performed with power driven hand tools or by hydro-demolition equipment. Full-depth repairs shall be classified for payment as Full-Depth, Type I according to the following:

Type I Full-depth patches less than or equal to 5 sq ft in area. The minimum dimensions for a patch shall be 1 ft X 1 ft.

The removal and replacement patching shall be performed within lane closures as specified in the contract to allow for the specified minimum cure time. Lane closures as specified in the contract shall be provided by the Contractor as required by the Engineer to determine and mark repair areas.

MATERIALS

Materials shall be according to Article 503.02 of the Standard Specifications except as modified herein:

Concrete for partial depth and full depth shall be in accordance with the special provision for FAST SETTING CONCRETE.

Subbase materials beneath approach slabs shall be in accordance with the special provision for AGGREGATE FOR BASE COURSE RESTORATION, SPECIAL.

EQUIPMENT

The equipment used shall be subject to the approval of the Engineer and shall meet the following requirements:

(a) Surface Preparation Equipment. Surface preparation and concrete removal equipment shall be according to the applicable portions of Section 1101 of the Standard Specifications and the following:

(1) Sawing Equipment. Sawing equipment shall be a concrete saw capable of sawing concrete to the specified depth.

(2) Blast Cleaning Equipment. The blast cleaning may be performed by wet sandblasting, high-pressure waterblasting, shotblasting or abrasive blasting. Blast cleaning equipment shall be capable of removing rust and old concrete from exposed reinforcement bars, and shall have oil traps.

(3) Power-Driven Hand Tools. Power-driven hand tools will be permitted including jackhammers lighter than the nominal 45 lb class. Chipping hammers heavier than a nominal 15 lb class shall not be used for removing concrete from below any reinforcing bar for partial depth repairs or final removal at the boundary of full-depth repairs. Jackhammers or chipping hammers shall not be operated at an angle in excess of 45 degrees measured from the surface of the slab.

(4) Hydraulic Impact Equipment. Hydraulic impact equipment with a maximum rated striking energy of 360 ft-lbs may be permitted only in areas of full depth removal more than 1 foot away from existing beams, girders or other supporting structural members that are to remain in service or more than 1-foot from the boundaries of full-depth repairs.

(5) Hydro-Demolition Equipment. The hydro-demolition equipment shall consist of filtering and pumping units operating with a remote-controlled robotic device. The equipment shall use water according to Section 1002 of the Standard Specifications. The equipment shall be capable of being controlled to remove only unsound concrete.

(b) Concrete Equipment: Equipment for proportioning and mixing the concrete shall be according to the Illinois Tollway special provision for Fast Setting Concrete.

(c) Finishing Equipment: Finishing equipment shall be according to Article 1103.17 of the Standard Specifications. Adequate hand tools will be permitted for placing and consolidating concrete in the patch areas and for finishing small patches.

CONSTRUCTION REQUIREMENTS

Sidewalks, curbs, drains, reinforcement and/or existing transverse and longitudinal joints which are to remain in place shall be protected from damage during removal and cleaning operations. All damage caused by the Contractor shall be corrected, at no additional cost to the Illinois Tollway, to the satisfaction of the Engineer.

The Contractor shall control the runoff water generated by the various construction activities in such a manner as to minimize, to the maximum extent practicable, the discharge of construction debris into adjacent waters, and shall properly dispose of the solids generated according to Article 202.03 of the Standard Specifications. Runoff water will not be allowed to constitute a hazard on adjacent or underlying roadways, waterways, drainage areas or railroads nor be allowed to erode existing slopes.

(a) Surface Preparation:

All loose, disintegrated and unsound concrete shall be removed from portions of the bridge deck or approach slab as designated by the Engineer. The Engineer will determine the limits of removal as the work progresses.

The Contractor shall take care not to damage reinforcement bars, scupper frames and grates, or expansion joints which are to remain in place. Any damage to reinforcement bars, scupper frames and grates, or expansion joints shall be corrected at no additional cost to the Illinois Tollway. All loose reinforcement bars, as determined by the Engineer, shall be retied.

(1) Partial-Depth. Areas to be repaired will be determined and marked by the Engineer. A concrete saw shall be used to provide vertical edges approximately 3/4 in. deep around the perimeter of the area to be patched when an overlay is not specified. Where high steel is present, the depth may be reduced as directed by the Engineer. A saw cut will not be required on those boundaries along the face of the curb, parapet or joint or when sharp vertical edges are provided by hydro-demolition.

The loose and unsound concrete shall be removed by chipping, with power driven hand tools or by hydro-demolition equipment. The minimum depth of removal shall be to 1 inch below the top reinforcement. The maximum depth of removal for any partial-depth repair shall not be below the bottom layer of reinforcement. Any removal below the bottom layer of reinforcement as directed by the Engineer shall require the patch location to be designated as a full depth repair and full depth removal is then required.

All exposed reinforcing bars and newly exposed concrete shall be thoroughly blast cleaned. Concrete adjacent to the reinforcement bars shall be removed to a depth that will permit new concrete to bond to the entire periphery of the exposed bar. Where the existing reinforcement is exposed, the concrete adjacent to the bar shall be removed to a depth that will permit new concrete to bond to the entire periphery of the exposed bar. A minimum 1-inch clearance will be required.

The Engineer may require enlarging a designated removal area should inspection indicate deterioration beyond the limits previously designated. In this event, a new saw cut shall be made around the extended area before additional removal is begun. The removal area shall not be enlarged solely to correct debonded reinforcement or deficient lap lengths.

(2) Full-Depth. Concrete shall be removed as determined by the Engineer within all areas designated for full-depth repair and in all designated areas of partial depth repair in which unsound concrete is found to extend below the bottom reinforcement. Full depth removal shall be performed according to Article 501.05 of the Standard Specifications. Saw cuts shall be made on the top of the bridge deck or approach slab, except those boundaries along the face of curbs, parapets and joints or where hydro-demolition provides sharp vertical edges.

Restoration of the subbase material under approach slabs shall be according to the Illinois Tollway Special Provision "Aggregate for Base Course Restoration, Special" if required by the Engineer.

Forms for full-depth repair of bridge decks may be supported by hangers with adjustable bolts or by blocking from the beams below. When approved by the Engineer, forms for Type 1 patches may be supported by No. 9 wires or other devices attached to the reinforcement bars.

All form work shall be removed after the curing sequence is complete and prior to opening to traffic.

(3) Reinforcement Treatment. Care shall be exercised during concrete removal to protect the reinforcement bars and structural steel from damage. Any damage to the reinforcement bars or structural steel to remain in place shall be repaired or replaced to the satisfaction of the Engineer at no additional cost to the Illinois Tollway. All existing reinforcement bars shall remain in place except as herein provided for corroded bars. Tying of loose bars will be required. Reinforcing bars which have been cut or have lost 25 percent or more of their original cross sectional area shall be supplemented by new in-kind reinforcement bars. New bars shall be lapped a minimum of 32 bar diameters to existing bars. An approved mechanical bar splice capable of developing in tension at least 125 percent of the yield strength of the existing bar shall be used when it is not feasible to provide the minimum bar lap. No welding of bars will be permitted.

(4) Cleaning. Immediately after completion of the concrete removal and reinforcement repairs, the repair areas shall be cleaned of dust and debris. Once the initial cleaning is completed, the repair areas shall be thoroughly blast cleaned to a roughened appearance free from all foreign matter. Particular attention shall be given to removal of concrete fines. Any method of cleaning which does not consistently produce satisfactory results shall be discontinued and replaced by an acceptable method. All debris, including water, resulting from the blast cleaning shall be confined and shall be immediately and thoroughly removed from all areas of accumulation. If concrete placement does not follow immediately after the final cleaning, the area shall be carefully protected with well-anchored polyethylene sheeting.

Exposed reinforcement bars shall be free of dirt, detrimental scale, paint, oil, or other foreign substances which may reduce bond with the concrete. A tight non-scaling coating of rust is not considered objectionable. Loose, scaling rust shall be removed by rubbing with burlap, wire brushing, blast cleaning or other methods approved by the Engineer.

(b) Placement & Finishing of Concrete Repair:

(1) Bonding Method. The manufacturer's recommended bonding method for the Fast Setting Concrete shall be followed prior to the placement of the Fast Setting Concrete.

(2) Mixing. Prepackaged material shall be mixed for use in accordance with manufacturer's recommendations. Mixing shall be done on site using mechanical methods. Hand mixing of Fast Setting Concrete material will not be allowed.

(3) Concrete Placement. The concrete shall be placed and consolidated according to Article 503.07 of the Standard Specifications, the manufacturer's recommendations, and as herein specified. The temperature control for placement shall be according to the manufacturer's recommendations.

The patches shall be finished according to Article 503.16 (a)(1) of the Standard Specifications, followed by a light brooming.

(c) Curing and Protection.

For Fast Setting Concrete, patches shall be cured per the manufacturers recommendations, except that wetting of the surface of the patch will not be allowed. The curing period for repairs using the Fast Setting Concrete shall be from the time of final setting of the mix until the patch is exposed to traffic no less than 3 hours after placement of the mix. Insulation shall not be used regardless of the air temperature.

(d) Opening to Traffic.

No traffic will be permitted on a patch of Fast Setting Concrete until after the minimum curing period of 3 hours, and the concrete has obtained a minimum compressive strength of 3,000 psi for bridge deck. A minimum compressive strength of 2,500 psi may be applied for approach slab repair areas. The strength specimens shall be cured with the patch.

METHOD OF MEASUREMENT

The work for the deck and approach slab repairs will be measured for payment in square yards.

Reinforcement bars or mechanical bar splicers will not be measured for payment.

If approach slab subbase material requires restoration it will not be measured for payment.

BASIS OF PAYMENT

The work for Deck and approach slab repairs under this item will be paid for at the contract unit price per square yard for the item specified.

Partial depth deck areas removed and replaced with Fast Setting Concrete will be paid for at the contract unit price per square yard for FAST DECK SLAB REPAIR (PARTIAL) – (SPECIAL). Areas requiring removal below the bottom reinforcement shall be removed and replaced full depth with Fast Setting Concrete and will be paid for at the contract unit price per square yard for FAST DECK SLAB REPAIR (FULL DEPTH, TYPE I).

Partial depth approach slab areas removed below the top reinforcement and replaced with Fast Setting Concrete will be paid for at the contract unit price per square yard for FAST APPROACH SLAB REPAIR (PARTIAL) – (SPECIAL).

When corroded reinforcement bars are encountered in the performance of this work and replacement is required, the Contractor will be paid according to Article 109.04 of the Illinois Tollway Supplemental Specifications.

No payment will be allowed for removal and replacement of reinforcement bars damaged by the Contractor in the performance of his/her work or for any increases in dimensions needed to provide splices for these replacement bars.

When restoration of approach slab subbase material is required then payment for this work will be made as specified in the Illinois Tollway Supplemental Specifications Article 109.04 using a force account basis under special provision CONTRACT ALLOWANCE FOR EMERGENCY

BRIDGE REPAIRS AND ASSOCIATED TRAFFIC CONTROL. Payment for this work will not exceed the costs incurred by the Contractor and approved by the Engineer.

Pay Item Number	Designation	Unit of Measure
JT503400	FAST DECK SLAB REPAIR (PARTIAL) – (SPECIAL)	SQ YD
JT503410	FAST DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD
JT503430	FAST APPROACH SLAB REPAIR (PARTIAL) – (SPECIAL)	SQ YD

FAST SETTING CONCRETE

DESCRIPTION

This work consists of furnishing Fast Setting Concrete for use in partial or full depth repairs of Illinois Tollway bridge approach slabs and bridge decks specified in special provision FAST SET BRIDGE DECK AND APPROACH SLAB REPAIR (SPECIAL).

MATERIALS

Materials shall be per the current Illinois Tollway Materials Department Approved List of Fast Set Concrete. Any coarse aggregate used for extending a mortar shall have a maximum nominal particle size of 3/8" or less.

Prime coating or preparation of steel or exposed concrete surfaces before patching shall be as required by the product manufacturer.

Mixture Proportions

The mix shall be proportioned in accordance with manufacturer's recommendations.

Compressive Strength

Fast Setting Concrete compressive strength measured in accordance with AASHTO T 22 shall not be less than 3,000 psi at 3 hours when applied to bridge deck repairs when cured in accordance with the manufacturer's recommendations. Quality control testing shall verify the required strength is achieved during placement. Quality Control shall include the sampling (4" x 8" cylinders) and 3-hour testing (ASTM C 39) of the concrete from every 50 sq. yds. placed as well as from the last patch placed within any time lane closure zone to confirm that minimal strength has been obtained before the work zone is opened to traffic. A compressive strength of 2,500 psi at 3 hours may be applied for approach slab repairs.

QUALITY MANAGEMENT PLAN

At least 14 days prior to the first Fast Setting Concrete placement, the Contractor shall submit a Quality Management Plan (QMP), for materials, production, and construction for review and approval by the Engineer and the Illinois Tollway Materials Department. The minimum details in the QMP shall include the proposed: material; production process, including equipment, the timing of mixing, the addition of extending aggregate (if any); the materials construction procedures; and the curing procedures.

MIXING EQUIPMENT

The Fast Setting Concrete mixing equipment shall conform to the manufacturer's recommendations. Fast Setting Concrete shall not be hand mixed.

AGGREGATE FOR BASE COURSE RESTORATION, SPECIAL (Illinois Tollway)

Effective: November 16, 2012
Revised: April 1, 2016

Description

This work shall consist of furnishing, placing, and compacting aggregate materials for the restoration of existing granular subbase or stabilized subbase materials beneath approach slab repairs, as required under the provisions of the special provision for FAST SET BRIDGE DECK AND APPROACH SLAB REPAIR (SPECIAL), all as directed by the Engineer.

The removal and replacement of concrete pavement materials are not part of this item of work.

Materials

All materials shall conform to the requirements of Section 1004 of the Standard Specifications. Grading shall be CA-10.

Equipment

Equipment used for placing and compacting aggregate for base course restoration shall conform to the requirements of Section 1101 of the Standard Specifications, shall be adequate to place and compact the material as specified, and shall be subject to the approval of the Engineer.

CONSTRUCTION REQUIREMENTS

The placement and compaction of aggregate for base course adjustment or restoration shall be in accordance with Article 311.05(a) of the Standard Specifications except as modified herein.

Revise the second paragraph of Article 311.05(a) of the Standard Specifications to read:

"The aggregate shall be placed and compacted in lifts with a minimum thickness of 2 inches when compacted."

Add the following paragraph to Article 311.05(a) of the Standard Specifications:

"Aggregate containing free water at the time of delivery will be rejected by the Engineer and shall not be incorporated in the work."

PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE)

DESCRIPTION

This work shall consist of the complete design, submittal of Shop and Working Drawings, furnishing all materials, testing, warranties, labor, and equipment necessary to construct a Precast Concrete Noise Abatement Wall at the locations and to the heights and lengths shown in the Contract Plans, in accordance with the Special Provisions, the Standard Specifications, and the Contractor's accepted Shop and Working Drawings. The Noise Abatement Wall support types shall be ground mounted, structure mounted, and/or crashworthy ground mounted at the locations shown in the Plans, as described in this Special Provision, and as accepted by the Engineer.

The Noise Abatement Wall type for this Contract shall be: Precast Concrete Noise Abatement Wall.

The Precast Concrete Noise Abatement Wall shall consist of either separate panels, or posts and panels spanning between vertical posts. The precast concrete panels of the noise abatement wall may be conventionally reinforced, pre-stressed, post-tensioned, or any combination that meets the requirements of the Contract. The posts of the noise abatement wall may be constructed of precast concrete or galvanized steel. If precast concrete posts are chosen, they may be conventionally reinforced, pre-stressed, post-tensioned, or any combination that meets the requirements of the Contract.

DEFINITIONS

System Supplier: The manufacturer or supplier responsible for the design and integration of the component elements of the Noise Abatement Wall system into a fully integrated system capable of meeting the requirements of the Work.

Noise Abatement Wall: A wall designed to attenuate the sounds generated by highway traffic before the sounds travel outside of the Illinois Tollway right-of-way and capable of meeting the requirements of the Work.

Zone of Influence: The zone or volume bounded by the construction limits of the Noise Abatement Wall, including excavation and backfill, and extending horizontally, an additional ten feet.

Service Life: The limit of time in which the wall satisfactorily provides its intended function. Over this time the Noise Wall Systems shall:

- Provide the required noise attenuation
- Meet the original specified material requirements
- Meet all structural and safety requirements
- Meet construction requirements regarding horizontal and vertical alignment

REFERENCED STANDARDS

In addition to the Illinois Department of Transportation Standard Specifications and Supplemental Specifications (latest edition), the following specifications and standards shall

govern the design, fabrication and construction of Noise Abatement Walls comprised of Precast Concrete.

The standards and specifications shall be the latest edition as revised to the date of the Advertisement for Bids.

1. AASHTO LRFD Bridge Design Specifications, 7th Edition Dated 2014 with interims.
2. AASHTO Standard Specifications for Transportation Materials and Methods of Sampling and Testing.
3. [Not Used].
4. Illinois Department of Transportation All Geotechnical Manual User Memo 11.1: Light Tower, Traffic Signal, Sign Structure Foundation Design, September 2011.
5. Underwriters Laboratories, Inc. (UL):
    a. Building Materials Directory
6. International Conference of Building Officials (ICBO)
7. International Building Code (IBC), 2018 or latest edition, and State of Illinois amendments, referred to herein as Building Code.
8. United States Department of Transportation (USDOT), Federal Highway Administration (FHA).
    a. Noise Barrier Design Handbook (Report No. FHWA-RD-76-58).
9. National Co-operative Highway Research Program Report 350. (Crashworthiness of Noise Abatement Walls in the roadway clear zone).
10. Precast Prestressed Concrete Institute (PCI) Design Handbook, 8th Edition.
11. Standards promulgated by the ASTM International (ASTM), including item C33, Specification for Concrete Aggregates.
12. Interim Guidelines for the Use of Self Consolidating Concrete in PCI Members (PCI).
13. Illinois Tollway Structure Design Manual, Latest Edition.

Should a conflict occur between the Standard Specifications and another requirement, the Standard Specifications shall govern.

GENERAL REQUIREMENTS

1. The Contractor shall submit a complete description detailing the proposed performance based noise abatement wall system to the Illinois Tollway. New construction methods

will be allowed for consideration should they meet the specified requirements of this special provision. This submittal shall include name(s) of the Design Consulting firm and/or the name(s) of proprietary noise abatement wall system supplier(s) that will perform the design.

2. This work shall consist of the complete design, submittal of Shop and Working Drawings, furnishing all materials, and constructing noise abatement walls at the locations shown on the Contract Plans (Plans) and in accordance with the requirements of the Plans, this Special Provision, the Standard Specifications, and the Contractor's accepted Shop and Working Drawings. The noise abatement wall designs may be innovative and shall provide the same desired essential aesthetics, functions and characteristics of the facility including, but not limited to, service life, reliability, economy of operation, ease of maintenance, any necessary standardized features, desired appearance and required design standards.

3. The Contractor shall be responsible for any changes required to the Maintenance of Traffic (MOT) plan due to the Contractor's accepted Shop and Working and Shop Drawings. Any changes to the MOT shall comply with the Contract Documents. The Contractor must abide by the Contract Completion Date and Substantial and Interim Completion Dates. Time extensions will not be approved due to delays in completing the final Working Drawings, Shop Drawings and modification to the MOT plan.

4. In addition to the complete design and preparation of Shop and Working Drawings for the noise abatement walls, this work shall include a supplemental soil exploration and testing program if required for design refinement. A subsurface soil exploration and testing program has been conducted in the project area. In addition to the boring logs provided in the Contract Plans, the reports, containing the investigations, findings, and recommendations, are available for review on the Illinois Tollway on-line Plan Room. If additional information is required, the Contractor is responsible for obtaining the information at no additional cost to the Illinois Tollway.

5. The Contractor shall identify the Design Consulting Firm, Manufacturer or Supplier of proprietary wall system that is to perform the design of the noise abatement walls. If the Contractor proposes to utilize more than one firm to provide these services, the Contractor shall identify all proposed firms. The Contractor shall indicate the roles of each of the individual design firms and their subconsultants. The Design Consulting Firm(s) shall meet the following minimum qualifications:

    - Illinois Department of Transportation Prequalification of Highway Structures
    - Experience in Illinois Tollway structural design
    - Sufficiently staffed and capable of performing the required structural design in accordance with the Contract documents
    - All insurance requirements as stated in Article 107.27 of the Illinois Tollway Supplemental Specifications.
    - The Illinois Tollway's General Engineering Consultant (GEC), the Owner's Representative (OR), the Program Management Office (PMO), the Design Corridor Manager (DCM), the Design Section Engineer (DSE), the Corridor Construction Manager (CCM), and the Construction Manager (CM) firms and their Sub-Consultants shall be excluded as the Design Consulting Firm.

Suppliers of proprietary noise abatement wall systems must have an equivalent level of expertise and will be allowed to perform the design work providing the responsible designer is a Licensed Structural Engineer registered in the State of Illinois with three (3) years of relevant experience.

6. The noise abatement walls shall be designed to safely support all earth pressures, surcharges and lateral loads from roadway pavement, any construction loads, traffic surcharge and impact loads, wind loads on the noise abatement wall and parapet, lateral snow loads and any other temporary or permanent loads. Bearing loads shall be accounted for during all aspects of the walls service life, including but not limited to, fabrication, storage, transportation, placement and final location.

7. The Contractor shall verify the location of all existing utilities and structures and shall take all necessary precautions to perform the work in such a manner as to not damage existing utilities or structures, located near or beneath the noise abatement walls. Any damage to existing utilities or structures shall be repaired at no additional cost to the Illinois Tollway.

8. Any adjustments to other work items shown in the Plans or additional pay items required to construct the noise abatement walls per the Contractor's accepted design shall be his responsibility subject to review by the Engineer. Additional costs for any adjustments shall be the responsibility of the Contractor and shall be included in the lump sum bid price for the noise abatement walls.

DESIGN REQUIREMENTS

General

1. All appurtenances behind, in front of, under, over, mounted upon, or passing through the noise wall, such as drainage structures, fire hydrant access, highway signage, emergency access, utilities or appurtenances shown on the plan, shall be designated in the contract documents and accounted for in the design of the noise abatement wall system.

2. If the Noise Abatement Wall system manufacturer, supplier, or designer needs additional information to complete the design, the Contractor shall be responsible for obtaining such information at no additional cost to the Illinois Tollway.

3. The Noise Abatement Wall design shall follow the general dimensions of the wall envelope shown on the plans. The top of the wall shall be at or above the acoustical profile line shown on the plans, unless noted otherwise.

4. The Noise Abatement Wall shall be designed for a minimum service life of 50 years, based on the consideration of the potential long-term effects of weathering, corrosion, spray from de-icing chemicals, and other potentially deleterious environmental factors on each of the material components comprising the Noise Abatement Wall system.

5. The Noise Abatement Wall shall be designed to attenuate the sounds generated by highway traffic and achieve a minimum noise reduction of 5 decibels.

6. No daylight shall be visible through the Noise Abatement Wall at any locations including the joints, connections, light pole locations, and anchorage systems. For Noise Abatement Walls attached to a 6.0ft tall parapet with an offset from the parapet, it is permitted to have a gap between the parapet and Noise Abatement Wall panel. To remove any degradation in the noise wall performance, the bottom of Noise Abatement Wall shall be a 4:1 ratio of the offset measured from rear face of the parapet (e.g. if a 10"offset is used the bottom of Noise Abatement Wall must be 40" below the top of barrier) or as shown on the plans. Other means of filling the gap to eliminate overlap may be considered and are subject to Engineer's approval.

7. The Noise Abatement Wall material shall not release any toxic material into the surrounding area under normal environmental conditions.

8. The Noise Abatement Wall material shall be manufactured from fire retardant material that meets State and local requirements.

9. Crashworthy walls located in the roadway clear zone shall be specifically identified in the plans and must meet the test level as stated in the "Structural Mounted Noise Abatement Walls" or "Ground Mounted Noise Abatement Walls" portions of this Special provision. Other Reference Documents include:
    - Illinois Tollway's Traffic Barrier Guidelines
    - NCHRP Report 554, "Guidelines for Aesthetic Barrier Design",

10. Noise Abatement Wall connection details and post spacing shall be coordinated with Retaining Walls, Moment Slabs and Bridges.

11. The top of the wall shall be level. Changes in top of wall elevation shall be accomplished by stepping adjacent sections by 2 feet. The elevation of the top of the Noise Abatement Wall shall not be lower than the requirements shown in the Contract Plans.

12. The bottom of structure mounted Noise Abatement Wall panel shall hide the connection to the parapet. The connection shall not extend below the bottom of the Noise Abatement Wall panel.

13. The bottom of structure mounted Noise Abatement Wall panel shall remain level. The post is permitted to extend 2" maximum below the bottom of the panel. Where a step in the noise wall panel is required to accommodate profile, the 2" maximum shall be measured from the lower panel elevation at each post.

14. The reflectiveness of the Noise Abatement Wall shall be measured using the noise reduction coefficient (NRC), which measures a material's sound absorption quality, and is derived using tests on the material at 250, 500, 1000, and 2000 Hz. The NRC value of the wall shall be equal to 0.5 rating or less.

15. The Noise Abatement Wall shall be designed to achieve a Sound Transmission Class (STC) equal to or greater than 20 when tested in accordance with ASTM E 90. The test frequency band shall be extended to include the 125 and 4000 Hz bands.

16. All noise abatement wall surfaces of the panels and posts shall receive a coating to seal the surfaces against the intrusion of deicing salts and water. The sealing coating shall successfully pass the Water Vapor Transmission Tests, as specified in ASTM D 1653.

Structural

1. Design horizontal pressures shall account for the direction of wind, height, and elevation of the wall, topography factors and gust factors. The dead load shall consist of the weight of all the component materials making up the Noise Abatement Wall. For retaining wall, moment slabs and bridge mounted Noise Abatement Walls, the point of action of the weight of the individual components shall be their respective centers of gravity. In addition, the Noise Abatement Wall shall be designed to withstand wind pressure, applied perpendicular to the wall and separately in each direction, a load of 35 pounds per square foot for ground-mounted noise walls and for structure-mounted noise walls for Strength III load combination in accordance with the AASHTO LRFD Bridge Design Specifications, 7th Edition Dated 2014 with interims. Other load combinations shall be determined per Article 3.8. Deflection of panels shall be limited to L/240 for ground mounted and L/180 for structure mounted where L is equal to the length between panel supports.
    a. Structure No. 183s structure-mounted noise abatement wall systems must not exceed a weight of 1.15klf for the total dead weight inclulding panels, posts, and support system(s).
    b. Structure No. 184s structure-mounted noise abatement wall systems must not exceed a weight of 1.25klf for the total dead weight including panels, posts, and support system(s).
    c. Moment Slab No. 1s structure-mounted noise abatement wall systems must not exceed a weight of 1.55klf for the total dead weight including panels, posts, and support system(s).
    d. Moment Slab No. 4s structure-mounted noise abatement wall systems must not exceed a weight of 1.55 klf for the total dead weight including panels, posts, and support system(s).

2. Noise abatement wall posts with signs mounted shall be designed per AASHTO Standard Specifications for Structural Supports for Highway, Signs, Luminaires, and Traffic Signals, 6th Edition with all interims. Sign panel dead load shall be 2.5 psf and wind load 35 psf. Posts shall be sized to accommodate a minimum 14ft vertical clearance for signs. If noise abatement wall height is less than the clearance, post shall be extended to meet this requirement.

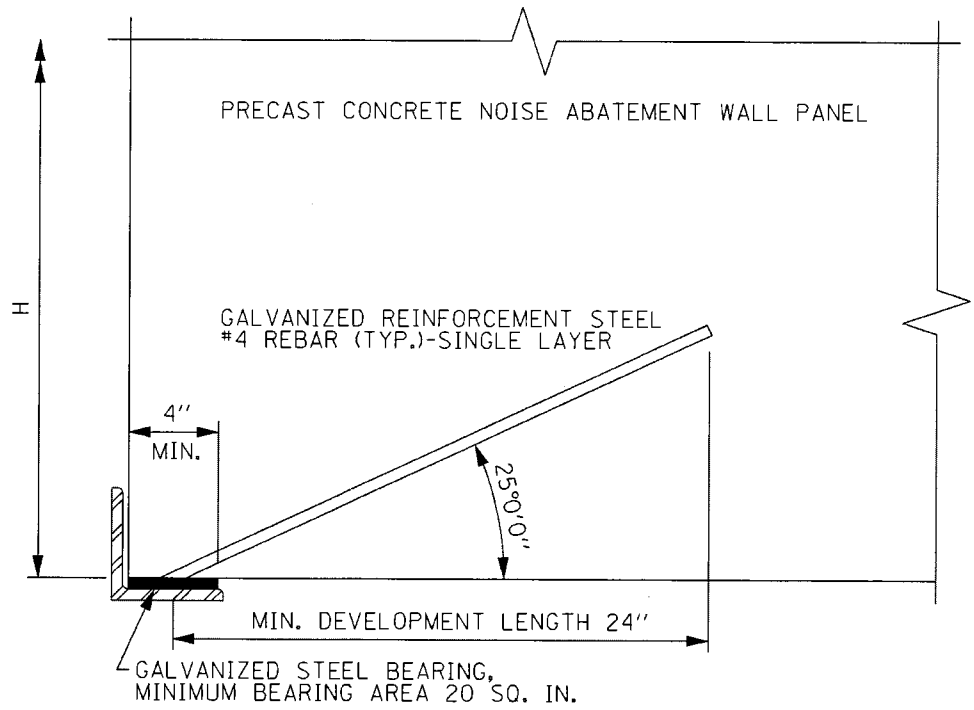
3. All Loading and Geometric requirements as specified in the AASHTO LRFD Specification shall be satisfied.

4. If not specified on the Plans, seismic loads shall be determined in accordance with Sub-Section 1-2.1.3 of the AASHTO LRFD Specifications for Structural Design of Sound Barriers.

5. The Noise Abatement Wall shall be designed with consideration of the movements in the wall due to temperature changes, dead loads and wind loads. Locations and spacing of expansion and contraction devices shall be as designed by the Contractor and reviewed by the Engineer.

6. Posts shall be designed as vertical cantilever beams. Maximum permitted post deflection shall be limited to L/360 where L equals post height (cantilever length). The effects of rotation and deflection at the top of the drilled caisson if used shall be ignored and only the relative displacement between the top of the caisson and top of post due to the applied loads shall be considered when calculating the deflections. Post shall be installed truly vertical.

7. Precast concrete panel wall planks that are end bearing shall incorporate the design elements shown in drawing below. Each supporting edge of the precast panel shall include a galvanized steel bearing pad poured integral with the panel. The pad shall extend a minimum distance of 4 inches beyond the edge of the panel or have a minimum area of 20 sq. in., whichever is greater. The bearing pad shall have a single #4 reinforcement bar welded to it extending into the precast panel.



8. Permanent stabilizers are required between posts and panels to maintain the vertical positions of the panel while resisting the perpendicular, lateral loading primarily due to wind. The stabilizers shall be spaced at intervals not to exceed 4 feet, and shall be a minimum height of 4 inches.

9. Wall design shall account for bearing loads during all phases of the walls service life, including but not limited to, fabrication, storage, transportation, placement and final location.

Structure Mounted Noise Abatement Walls

1. For structure mounted Noise Abatement Walls attached to a 6.0ft tall constant slope parapet with setbacks less than 1'-8 1/2" measured from the front face top of parapet (considered to be within the zone of intrusion), a 30 kip crash load shall be applied to the top of the Noise Abatement Wall. For structure mounted Noise Abatement Wall attached to a 6.0ft tall constant slope parapet with a setback equal to or greater than 1'-8 1/2" and less than or equal to 4'-0" measured from the front face top of parapet (considered to be outside the zone of intrusion), a crash load of 4.0 kips shall be applied to the top of the Noise Abatement Wall. The crash load shall be applied at the maximum height of the noise abatement wall but no higher than 14 feet.

2. For structure mounted Noise Abatement Walls attached to a 6.0ft tall f-shape parapet with setbacks less than 1'-8 5/8" measured from the front face top of parapet (considered to be within the zone of intrusion), a 30 kip crash load shall be applied to the top of the Noise Abatement Wall. For structure mounted Noise Abatement Wall attached to a 6.0ft tall f-shape parapet with a setback equal to or greater than 1'-8 5/8" and less than or equal to 4'-0" measured from the front face top of parapet (considered to be outside the zone of intrusion), a crash load of 4.0 kips shall be applied to the top of the Noise Abatement Wall. The crash load shall be applied at the maximum height of the noise abatement wall but no higher than 14 feet.

3. Post and panel type, size, spacing of post and post connections such as corbels, spacer or other connection type shall be coordinated with and approved by the Tollway. Continuous corbels shall not be allowed.

4. Structure mounted wall, in addition to expansion/contraction considerations must also accommodate vibration. Shock absorbing vibration pads shall be utilized at bearing points.

Ground Mounted Noise Abatement Walls

1. All ground-mounted Noise Abatement Walls located within the clear zone and unshielded shall be designed for 54 kips (Test Level 4 (TL-4) per AASHTO LRFD Bridge Design Specifications Table A13.2-1), and point of load application per Case 1 Section 15.8.4 at 6 feet above pavement. In addition, independently from the above AASHTO specified impact loads, design shall also include a load of 4 kips applied at the maximum height of the noise abatement wall but no higher than 14 feet. Roadway face of the panel is to be flush with the roadway face of the posts.

2. All ground-mounted Noise Abatement Walls located within the clear zone and behind a structurally independent TL-4 or TL-5 barrier shall be design for 54 kips (TL-4 per AASHTO LRFD Bridge Design Specifications Table A13.2-1) for Case 1, and point of load application at 6 feet above pavement (AASHTO LRFD Case 1 15.8.4). For Case 2 loads shall be applied per AASHTO LRFD 5.8.4 and for Case 3 where setback is between 1 foot and 4 feet, load shall be interpolated between 54 kips (Case 1) and 4 kips (Case 2) with a point of application interpolated between 6 feet (Case 1) and 14 feet (Case 2) above pavement. In addition, independently from the above AASHTO specified impact loads, design shall also include a load of 4 kips applied at the maximum height of

the noise abatement wall but no higher than 14 feet for setbacks 4 feet or less as defined per AASHTO LRFD Figure 15.8.4-1.

3. The design of the Noise Abatement wall shall also include the effects of lateral earth pressure when the finish or interim grade lines on either side of the wall are unequal and lateral snow storage loads when required.

4. The bottom of any Ground Mounted Noise Abatement Walls foundation shall be a minimum of four feet below finished grade, unless competent rock is encountered. If a drilled shaft foundation is used, it shall be a minimum of six feet below finished grade line or two times the drilled shaft diameter, whichever is greater, unless competent rock is encountered.

5. Foundations for crashworthy Noise Abatement Walls shall consider impact loads.

6. Spread footing foundations shall be designed per the requirements as set forth in Article 10.6 of AASHTO LRFD Bridge Design Specifications, 7th Edition Dated 2014 with interims using the load combinations as specified herein.

7. Pile foundations shall be designed per the requirements as set forth in Article 10.7 of AASHTO LRFD Bridge Design Specifications, 7th Edition Dated 2014 with interims using the load combinations as specified herein.

8. Drilled shaft foundations shall be designed per the requirements as set forth in IDOT All Geotechnical Manual User Memo 11.1: Light Tower, Traffic Signal, Sign Structure Foundation Design using the load combinations as specified herein. The shafts shall satisfy Strength Limit State and, if applicable, Extreme Limit States. For both load cases, an overload factor of 2.0 and under-capacity factor of 0.7 shall be used and a minimum factor of safety of 2.86 shall be achieved.

Aesthetics

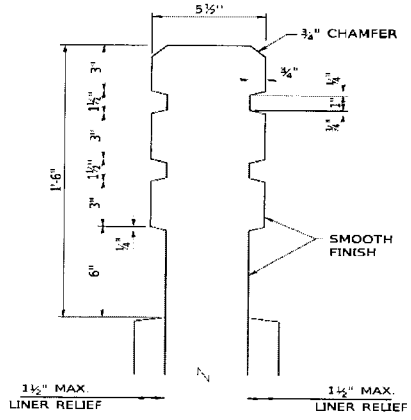
The Noise Abatement Wall shall be designed with due consideration of the aesthetic environment in which the wall is located.

For structure mounted Noise Abatement Wall, the panel shall not hide the lower reveals on the back face of the 6.0ft tall parapet.

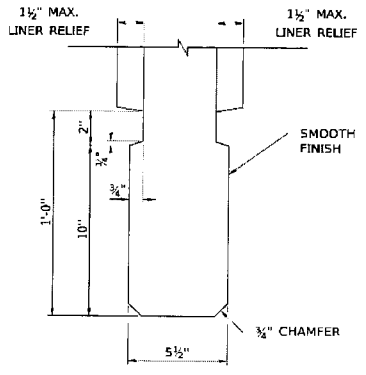
The aesthetics of both front and back surfaces for each type of Noise Abatement Wall option shall be as follows:

Precast Concrete

Precast Concrete Noise Abatement Wall Cap and Panel Detail



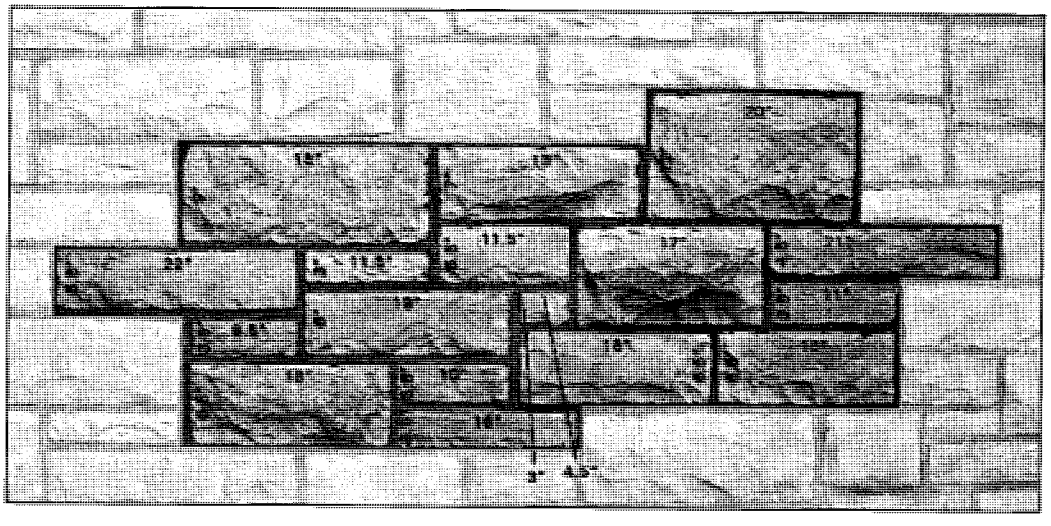
ENLARGED CAP DETAIL



ENLARGED PANEL BOTTOM DETAIL
(FOR STRUCTURE MOUNTED ONLY)

The Precast Concrete Panels shall be capped with a smooth finish detail as shown above.

CIP/Precast Concrete Noise Abatement Wall Random Ashlar Limestone Form Liner Pattern



The Precast Concrete Panels shall be constructed with a square cut random ashlar rusticated limestone surface with a maximum 1 ½" relief. The aesthetic surface treatment shall be accomplished by the use of form liners for precast panels as specified. The architectural aesthetic surface treatment thickness, on each side of precast concrete panel, is permitted to vary from 0 to 1½ inches, but the total average architectural surface treatment thickness, on both sides of the precast concrete panel, must not be greater than 1½ inches. Thicker architectural surface treatments may be permitted if accepted by the Illinois Tollway and accounted for in the design of the precast concrete panel. The panels shall not contain patched or unpatched tie holes. The concrete pours of the panels shall be coordinated to prevent visible differences between individual pours or batches.

A concrete stain shall be provided and applied to replicate stone with sealer as required. The base stain color is to match the Siberian Haze color HC-149 as produced by H & C Concrete Coatings, www.hc-concrete.com.

The surface stain for precast concrete support columns, if utilized, shall match the color of the precast concrete panel.

For crashworthy walls or walls that could otherwise be impacted by vehicles, asperity shall be considered for the form liner, finish and supports conforming with NCHRP Report 554, "Guidelines for Aesthetic Barrier Design". This requirement shall apply to the entire roadway face of crashworthy walls.

Asperities are depressions in the surface of the wall with variable geometric configurations which can be placed within one of three categories: perpendicular, rounded, or angled surface interruptions. The asperity dimensions may present more resistance to an impacting vehicle sliding on the wall surface creating a potential for snagging to the vehicle.

MATERIALS

Precast Concrete Panels, Posts, and Form Liner

Concrete for Precast Concrete Noise Abatement Wall panels and posts, shall conform to the requirements of the applicable portions of Section 1020 of the Standard Specifications. Manufacturer's specifications and mix designs shall be submitted for approval to the Engineer.

1. Concrete for precast, prestressed units shall be Class PS Portland cement concrete; with a minimum compressive strength of 3,500 psi at release and 5,000 psi at 28 days age. Class PS concrete shall conform to the requirements of Section 1020 of the Standard Specifications.

2. The concrete for precast, non-prestressed units shall be IDOT Class PC Portland cement, with a minimum compressive strength of 4,000 psi at 28 days age. Class PC concrete shall conform to the requirements of Section 1020 of the Standard Specifications.

3. The curing methods shall be compatible with the desired aesthetic results.

4. The form liner used to create the random ashlar limestone pattern shall be of high quality and capable of withstanding anticipated concrete pour pressures without causing leakage or causing physical defects. The liner shall be made from high-strength elastomeric urethane material which shall not compress more than 0.02 feet when poured at a rate of 10 vertical feet per hour. The form release agents shall be non-staining, non-residual, and non-reactive.

Foundation Concrete

Concrete for constructing Noise Abatement Wall foundations shall be Class SI conforming to Section 1020 of the Standard Specifications.

Reinforcing Steel and Welded Wire Fabric

Reinforcing steel shall be in accordance with Article 1006.10 of the Standard Specifications and shall meet the requirements of ASTM A706, Grade 60. Welded wire fabric shall be in accordance with Article 1006.10 of the Standard Specifications. The reinforcing steel and

welded wire fabric for precast panels, precast posts, and foundations shall be epoxy coated conforming to Article 1006.10 of the Standard Specifications. Non-epoxy reinforcing steel and welded wire fabric can be used in concrete structures that are permanently underground.

Pre-stressing Steel Strands

Pre-stressing steel strands for precast concrete noise abatement wall panels and precast concrete posts shall conform to Article 1006.10 of the Standard Specifications.

Structural Steel

Unless otherwise specified, structural steel shall conform to ASTM A709 (AASHTO M 270) Grade 36, and as specified in Article 1006.04 of the Standard Specifications. Structural steel exposed to weathering shall be hot-dip galvanized in accordance with ASTM A 123 (AASHTO M 111). Weathering Steel (ASTM A588) is not permitted. Before galvanizing, provide a blast surface as specified in Standard Specification Section 506.07. Grind all cut edges.

Paint galvanized steel posts using an approved two-coat paint system, from an approved manufacturer, consisting of an epoxy polyamide as an intermediate coat and an aliphatic urethane as a finish coat. Select colors for the intermediate and finish coat before fabrication. Paint to match wall color unless noted otherwise. Do not use the system prime coat. Do not mix components from different systems. If a wash primer is used, provide the manufacturer's certification of compatibility with the selected paint system.

The paint system shall be applied according to the applicable portions of Section 506 and the paint manufacturer's recommendations.

Anchor Bolt Assemblies

Anchor bolts shall be cast-in-place and shall conform to Article 1006.09 of the Standard Specifications. If the anchor bolts in accordance with the Standard Specifications have insufficient shear or tensile strength by maximum dimensions, they may conform to the requirements of ASTM F1554. Hooked anchor bolts are not allowed. Anchor bolt assemblies shall be furnished with either anchorage plates meeting Article 1006.09 of the Standard Specifications, or plate washers in accordance with ASTM A572 (AASHTO M223) Grade 50. Anchor plates and plate washers shall be hot-dip galvanized after fabrication in accordance with ASTM A153 (AASHTO M 232). Paint galvanized anchor bolts using an approved two-coat paint system, from an approved manufacturer, consisting of an epoxy polyamide as an intermediate coat and an aliphatic urethane as a finish coat. The paint system shall be applied according to the applicable portions of Section 506 and the paint manufacturer's recommendations.

Fasteners and Hardware

Miscellaneous fasteners and hardware shall conform to Article 1006.08 of the Standard Specifications and shall be galvanized steel in accordance with ASTM A153 (AASHTO M232). All fasteners used with treated wood products shall be stainless steel or hot-dipped galvanized per AASHTO M232, Class C, except the minimum weight of Zinc coating shall be 2.0 oz./sq. ft.

Fasteners for structural steel, other than anchor bolts, shall be high strength structural bolts in conformance with ASTM F3125 Grade A325, Type 1 and shall be mechanically galvanized in accordance with ASTM A 153 (AASHTO M 232). Paint galvanized fasteners and hardware using an approved two-coat paint system, from an approved manufacturer, consisting of an epoxy polyamide as an intermediate coat and an aliphatic urethane as a finish coat. The paint system shall be applied according to the applicable portions of Section 506 and the paint manufacturer's recommendations.

Access Door

Access door(s) shall only be provided at locations shown in the plans. Any proposed changes to the locations by the Contractor shall be coordinated through the Engineer and Illinois Tollway PM.

Maintenance Door

Maintenance door(s) shall only be provided at locations shown in the plans. Any proposed changes to the locations by the Contractor shall be coordinated through the Engineer and Illinois Tollway PM.

Stain & Sealer

Store paint, stain, sealer material in an area where temperatures will not be less than 50°F or more than 100°F in accordance with OSHA and local Fire Code requirements.

The staining products must be compatible with the surface sealing coating.

Stains shall be water-based acrylic stain. The staining products must be compatible with the surface sealing coating specified. The Illinois Tollway may waive the requirement of a separate sealing product if the staining product also meets the performance requirements of the sealing product.

Penetrating concrete stain mix, shall achieve color variations present in the natural stone being simulated for this project. Stain shall create a surface that is breathable (allowing water vapor transmission), and that resists deterioration from water, acid, alkali, fungi, sunlight, or weathering. Stain mix shall be a waterborne, low V.O.C. material, less than 1.5 lbs./gal., and shall meet requirements for weathering resistance of 2000 hours accelerated exposure.

SUBMITTALS

General

Submittals shall be in conformance with Article 105.04 of the Illinois Tollway Supplemental Specifications except as modified herein.

Precast Concrete

1. Product technical data including:

a. Manufacturer's mix design and material certifications for aggregate and cement type used to precast wall panels and posts.
b. Manufacturer's installation instructions.

2. A 4'x4' sample of the concrete form liner pattern and texture of each type, including special shapes to show range of colors, texture, finishes, and dimensions. Submit a separate set of sample panels approximately 2'x2' from the stain manufacturer to establish application procedures, color and appearance to the Illinois Tollway's Landscape Architect for review and approval.
3. Manufacturer's certification that precast panels that are to be furnished meet or exceed the specifications.
4. Qualifications of testing lab and technician.
5. Test results for all concrete testing.

System Supplier Certification

The Contractor shall submit the following documents for the Engineer's review, within 30 days after the issuance of the Notice to Proceed:

1. Specifications for all materials, including trade names of the products along with the name and address of the each Supplier, and the name of the System Manufacturer's contact person.

2. Specifications regarding geotechnical assessment, installation procedures, and sequence of construction.

3. Color photographs, preferably 8 inch x 10 inch size, depicting the surface treatments and colors available for the noise abatement wall.

4. A list of representative projects performed by this Contractor, including key client contacts.

5. The anticipated reaction forces the noise abatement wall system applies to the supporting structure.

6. The Contractor shall provide documentation to the Illinois Tollway that provides technical data confirming that sunlight and headlight glare reflected from the proposed Noise Abatement Wall material does not cause glare to the Illinois Tollway motorists, or those that may be on an adjacent roadway system.

7. The Contractor shall provide documentation confirming that the material that will be used to construct the proposed Noise Abatement Wall is resistant to ultra violet deterioration and degradation within the minimum service life.

The Illinois Tollway reserves the right to request a physical sample of the Noise Abatement Wall proposed by the Contractor prior to the issuance of the Notice to Proceed.

Design Calculations, Shop Drawings, and Working Drawings

The Contractor shall submit final design calculations and detailed Shop and Working Drawings for the Noise Abatement Wall no later than 90 days after the Notice to Proceed or no later than 90 days prior to the scheduled start of construction of the wall, whichever date is earlier. Working drawings and shop drawings including calculations shall be prepared and submitted in accordance with Article 105.04 of the Illinois Tollway Supplemental Specifications. Partial and/or incomplete submittals are not allowed and will be returned "Make Corrections as Noted", or "Rejected" if submitted without prior approval of the Engineer. The Contractor shall consider in his schedule a 14 calendar day period from the date the submittal is received by the Engineer to the expected date of return with comment. This 14-day review period shall be considered with any resubmittal, and such resubmittals shall not be considered cause for an extension of time to the Contract.

The design calculations, shop drawings, and working drawings shall be submitted under the seal of a Structural Engineer currently licensed by the State of Illinois. The Illinois Tollway reserves the right to require proof of licensure.

The design calculations shall demonstrate that the design criteria as set forth in the Contract have been satisfied. They shall be prepared on 8-½ inch x 11 inch pages, which shall be neat, legible, organized and indexed. Pages for calculations and notes shall contain the project designation, wall designation, date of preparation, initials of the designer, initials of the checker, and the page number at the top of each page.

The Shop Drawings shall meet ISTHA Computer Aided Plan Preparations (ICAPP) requirements, and include all views, detail, notes, erection sequences, quantities and cross sections necessary to construct the Noise Abatement Wall. The Shop Drawings shall be prepared on reproducible sheets 11 inch x 17 inch. Each sheet shall have a title block in the lower right hand corner. The title block shall include the number and description of the drawing, name or designation of the Noise Abatement Wall (or station limits), the project designation, Illinois Tollway contract number, the owner's name (i.e., the Illinois State Toll Highway Authority), the designer, the System Supplier, and the Contractor. The Contractor shall also provide the Engineer with an electronic format copy of the final accepted Shop Drawings including the Structural Engineer seal and signature, in a MicroStation and/or Acrobat PDF, or other format approved by the Engineer.

The content of the Shop Drawings is as follows:

1. General information shall include the index of drawings, general notes, design criteria, erection sequence, specifications, material strengths and designations horizontal and vertical control data and a Bill of Materials necessary to construct each section of Noise Abatement Wall including foundations (ground mounted) or parapet blisters (retaining wall mounted).

2. Elevation views of the Noise Abatement Walls shall show: post and panel designations; beginning and ending stations and offsets; overall wall length dimension; post-to-post spacing; elevations of the top of the Noise Abatement Wall at all changes in vertical profile and at 50-foot minimum intervals; elevations of the bottom of the Noise Abatement Wall at all changes in vertical profile and at 50-foot minimum intervals; location of vertical cap reveal image patterns, elevations of the proposed ground line at the centerline of the ground mounted Noise Abatement Wall at one foot vertical intervals, low points, high points, and at 50-foot minimum intervals; elevations of the top of foundations (ground mounted) or blisters (retaining wall mounted); locations of all

expansion joints; zone of influence, and limits of all appurtenances within the zone of influence, such as, barrier rails, moment slabs, crashworthy wall, parapets, light poles, retaining walls, sign structures, and fencing.

Post location and spacing for ground mounted walls shall be coordinated with existing and/or proposed drainage structures, storm sewers, and all utilities, and shall be adjusted as necessary to avoid conflicts therewith.

3. Plan views of the Noise Abatement Wall shall show: the Noise Abatement Wall foundations (ground mounted) or blisters (retaining wall mounted); post, panel and foundations designations; starting point and ending point stations; overall length dimension; stations and offsets from the project horizontal control line to the centerline of the Noise Abatement Wall posts; locations of all expansion joints; locations of overlaps and maintenance or access doors; locations of all fire hydrant access doors; locations of all soil borings; zone of influence, and distances to all appurtenances within the Zone of influence, such as, roadway lighting, signage, drainage structures; other foundations and all utilities.

4. All panel types shall be detailed. The details shall show dimensions necessary to cast and construct each type of panel, reinforcing steel in the panel and the location of post or foundation connection hardware and lifting devices embedded in the panels if applicable.

5. Details of wall panels with appurtenances attached to or passing through the wall, such as utilities, maintenance or access doors, drainage structures, sign structures, etc. shall be shown. Any modifications to the design or location of these appurtenances to accommodate a particular system shall also be submitted.

6. Architectural panel treatment, including color, texture, block pattern, and form liner patterns as appropriate shall be shown. All joints shall be placed horizontal or vertical.

7. Plans shall show the details for the connection between panels and posts, as well as, the post connection to the foundation or parapet blister, allowed maximum shimmed height including a leveling grout to level and plumb panels. A foundation detail shall be shown indicating the reinforcement and post anchorage system for ground mounted Noise Abatement Walls. Parapet details shall be shown indicating the reinforcement and post anchorage system for retaining wall mounted Noise Abatement Walls.

8. Geotechnical information for ground mounted Noise Abatement Walls in the project area not already provided for in the Contract Plans shall be shown.

Test Results

Per Section 106 of the Illinois Tollway Supplemental Specifications, the Contractor shall submit all test results necessary to assure compliance of the materials with this Special Provision, and shall furnish copies of such test results to the Engineer. The Contractor shall not make use of nor incorporate into the Work any materials until the tests have been made and the materials are found to be acceptable and in compliance with the requirements of this Special Provision.

Tests shall be performed by a nationally accredited testing laboratory, and the test results shall be notarized.

The submittal shall include, but not be limited to, test results for:

Precast Concrete

1. Sound Transmission Class (STC).
   Sound Transmission Quality Control Testing of precast concrete

2. Precast Concrete
   a. Quality control testing of Precast concrete panels and posts, including certification of all materials incorporated into the panels, including Class PC or PS Concrete
      - compressive strengths
      - slump & air
   b. Self-Consolidating Concrete (SCC)
      - slump flow
      - compressive strengths
      - visual stability index
      - passing ability
      - static/dynamic segregation of any SCC mixtures

3. Water Vapor Transmission Test – ASTM D 1653.

4. Concrete for foundations per Section 1020 of the Standard Specifications Portland Cement Concrete requirements.

5. Additional testing or retesting of concrete materials or other cement-containing products occasioned by their failure, by test or inspection, to meet requirements of the Contract Documents.

Samples

Prior to commencing design and preparation of Shop Drawings, the Contractor shall submit color samples and details of the proposed surface treatments and finish to the Engineer for their review and approval. The Engineer will select the color and type of surface treatment from the options submitted by the Contractor. The samples shall include an approximately sized 12' long by 14' high physical mock-up representative of the panels and posts to be incorporated into the Work. If the test panels and posts are not approved, additional test panels and posts shall be furnished until a satisfactory color and finish is obtained, at no additional cost to the Illinois Tollway. The mock-up approved by the Engineer shall then be the standard of comparison for the remaining finishes. The Contractor shall consider in his schedule a 14-calendar day period from the date the submittal is received by the Engineer to the expected date of return with comment. This 14-day review period shall be considered with any resubmittal, and such resubmittals shall not be considered cause for an extension of time to the Contract.

The physical sample shall be constructed at the yard and or at a location on the construction site and may not be included in the final construction. At the conclusion of the project the sample is to be removed and disposed of by the Contractor.

Permanent stabilizers shall be submitted to the Engineer as specified for acceptance prior to Shop drawing acceptance.

Mix Design

The Contractor shall submit concrete mix designs in conjunction with the submittal of the Shop Drawings. The mix design submittal shall include product data on all materials used in the mix, material sources and material testing. All mix designs for Portland Cement Concrete shall be in accordance with Section 1020 of the Standard Specifications. The Contractor shall consider in his schedule a 14-calendar day period from the date the submittal is received by the Engineer to the expected date of return with comment. This 14-day period shall be considered with any resubmittal, and such resubmittals shall not be considered cause for an extension of time to the Contract.

Warranties

The Contractor shall submit all System Supplier's warranties for materials incorporated into the Work in accordance with Article 105.18 of the Illinois Tollway Supplemental specifications except as modified herein.

The workmanship guaranty shall be for a minimum period of 3 years starting from the date of final completion of the Work. In the event any defects occur, the Contractor shall complete the repairs within 60 days of written notification of such defects and at no additional cost to the Illinois Tollway.

The materials shall be impervious to road salt and calcium chloride for a 5-year Manufacturer/System Supplier warranty period. In the event the material fails to meet the aforementioned requirement within the 5-year warranty period, the Manufacturer/System Supplier shall complete the repairs within 60 days of written notification of such defects and at no additional cost to the Illinois Tollway.

FABRICATION, CONSTRUCTION AND ERECTION REQUIREMENTS

The Contractor shall obtain technical assistance from the System Supplier during the progress of the Work.

Delivery, Storage, and Handling

The Contractor shall inspect all materials and allow the Engineer to inspect all materials as the materials arrive at the project site. The Contractor shall follow the System Supplier's recommendations in regards to protecting the materials from mechanical damage and damage due to excessive temperatures, sunlight, moisture, dirt and debris. Any materials damaged during storage or installation shall be promptly replaced at no additional cost to the Illinois Tollway.

All materials are to be stored above ground on level platforms. Cover and protect against wetting prior to use.

Precast Concrete Panels and Posts

Fabrication, construction and erection of the precast concrete Noise Abatement Wall shall be accomplished in accordance with the details shown on the approved Working and Shop Drawings, this Special Provision, Section 504 of the Standard Specifications, as recommended by the System Supplier, and as approved by the Engineer.

The panels shall have a minimum thickness of 4 inches (6 ½ inches for Crashworthy Noise Abatement Walls) plus the dimension of the form liner projection. The depths of the surface treatments shall not be included in calculating the minimum panel thickness. The minimum concrete cover over reinforcing shall be:

1. Steel reinforcing bars and welded wire fabric: 1.50 inches.

2. Pre-stressing strands: 1.50 inches.

If the finished grade lines on both sides of the Noise Abatement Wall are at equal elevations, the Noise Abatement Wall shall be embedded at least 12 inches below the finished grade line. If a difference in finished grade line elevations exist from one side of the ground mounted Noise Abatement Wall to the other side, the Noise Abatement Wall shall be embedded at least 6 inches below the lower finished grade line. The base of the retaining wall, moment slab or bridge mounted Noise Abatement Wall shall be hidden behind the parapet, or a portion thereof.

No field cutting of the panels shall be permitted, except as required by the Plans or ordered by the Engineer.

The constructed horizontal alignment of the Noise Abatement Wall shall be within one inch of the designed alignment. The accepted plumbness of the posts and panels shall be ½ inch per 10 feet of wall height.

Before the release strength is attained, the concrete shall be cured by steam, wetted burlap or polyethylene sheet methods. The use of membrane curing compounds will not be permitted.

Staining of Precast Concrete Post

Application of the stain on precast concrete post, if used, shall be applied to a clean surface free of latency, dirt, dust, grease, efflorescence, paint, or other foreign material, following manufacturer's requirements for surface preparation. Do not sand blast. Surfaces to receive stain shall be structurally sound, clean, dry, fully cured. Curing agents must be removed a minimum of 14-days prior to the application of stain to allow to dry. Concrete shall also be a minimum of 30-days old prior to the application of stain. Stain shall be thoroughly mixed in accordance to manufacturer's specifications. Do not thin material.

Material shall be applied at rate as recommended by the manufacturer. Absorption rates could be increased or decreased depending on the surface texture and porosity of the substrate so as to achieve even staining.

The manufacturer's temperature and humidity requirement shall be adhered to. Do not apply stain under rainy conditions or within 3 days after the surface has become wet.

Clean up all splatters and over spray.

Structural Steel

Structural steel shall be fabricated and erected in accordance with Section 505 of the Standard Specifications, the System supplier's recommendations and as approved by the Engineer. Shop cleaning and preparation of steel surfaces shall be prepared in accordance with ASTM D6386 after galvanizing. The furnishing, application, and protection of the paint coatings shall be as shown on the plans and as specified in Standard Specification Section 506. Structural steel coatings shall be according to Section 1008. The first coat shall meet the requirements of Article 1008.05 (d) of the Standard Specifications. The second coat shall meet the requirements of Article 1008.05 (e) except the color shall be a color created by the paint manufacturer that matches the color of the precast concrete panel stain of HC-149, Siberian Haze as produced by H&C Concrete Coating.

The galvanized and two coat paint system shall meet all the requirements of Article 1008.05 (f) of the Standard Specifications. The coating system shall be evaluated for performance through the National Transportation Product Evaluation Program (NTPEP) for Structural Steel Coatings following the requirements of AASHTO R31 and shall meet the performance criteria listed herein.

Hardware and Fasteners

Hardware and fasteners shall be installed in accordance with the System Supplier's recommendations and as approved by the Engineer.

Excavation and Backfill

Excavation, including rock excavation, shall be done in accordance with the Shop Drawings, Working Drawings and Section 202 of the Standard Specifications. If drilled caisson shafts are used, they shall be constructed in accordance with Section 516 of the Standard Specifications.

If Unsuitable Material is present at or below the foundation level, it shall be removed per Section 202 of the Standard Specifications, and replaced with Special Fill or Porous Granular Backfill (or CA18 grade aggregate) to a depth, length and width determined by the Engineer. Special Fill or Porous Granular Backfill shall be placed in accordance with Section 206 of the Standard Specifications. Unsuitable Material shall be any soil material containing vegetable or organic material, such as mulch, peat, or debris such as wood, glass, concrete and brick pieces. In addition to the locations shown on the Plans, Unsuitable Material shall also be any material determined to be unsuitable by the Engineer. Soils classified as Pt, OH, OL, and MH as per the United Soil Classification System shall also be considered Unsuitable Material. All open trenches and holes resulting from excavation, placement of the wall and posts shall be protected. The length of open trench shall be limited to 100 feet.

Site excavations and/or fill construction shall be completed to plan elevations and profiles prior to the start of ground mounted wall foundation construction. The Contractor shall verify the ground elevations as shown on the accepted Noise Abatement Wall shop drawings and correct discrepancies prior to material fabrication. Underground utilities shall be located and marked to verify adequate clearance from foundations. The Contractor shall consider OSHA clearances

for excavations, and overhead obstructions such as wires, cables and roadway/area lighting, prior to wall erection.

If required, the Contractor shall trim any trees in order to install the Noise Abatement Wall system. Trimming shall be limited to only that which is necessary to install the system. All trimmings shall be disposed of outside the Illinois Tollway right-of-way in a manner that will not be in violation of any law, regulation or ordinance. Specific tree trimming procedures shall be identified, and comply with Standard Specifications, Article 201.06. Burning within, or in proximity to Illinois Tollway right-of-way is not permitted.

METHOD of MEASUREMENT

This work will not be measured for payment.

Individual components of the noise abatement wall as described and as shown on the plans will not be measured for payment.

BASIS of PAYMENT

This work completely installed and accepted as described in this Special Provision and as shown on the Contract Plans and accepted Shop and Working Drawings will be paid for at the Contract lump sum price for PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) at specified location.

All components required to construct the noise abatement wall shall be considered as part of the work in the Contract lump sum price for the noise abatement wall and not be paid for separately.

Foundation soils which are shown on the drawings as unsuitable, or which are determined to be unsuitable, and directed by the Engineer to be excavated and replaced with Special Fill or Porous Granular Backfill will be measured and paid for as EARTH EXCAVATION, and either SPECIAL FILL or POROUS GRANULAR BACKFILL.

When the above pay items are required but not included in the Contract, the applicable work will be paid for in accordance with Article 109.04 of the Illinois Tollway Supplemental Specifications.

MAINTENANCE OF BRIDGE DECKS

DESCRIPTION

This work shall consist of patching bridge approach slabs and bridge decks on the existing I-294 Mile Long Bridges, Nos. 191 and 192, and, I-294 over LaGrange Road Bridges, Nos. 183 and 184, and related work that includes the required temporary traffic control and lane closures. The use of an attenuator truck with a driver (operator) is related to this work.

Bridge decks and approach slabs shall be maintained for the duration of the project by patching. It is anticipated that patching operations will be performed on a monthly basis or when the quantity of patching reaches a minimum of 100 square feet, as determined by the Engineer. Weekly bridge deck surveys will be performed by the Contractor and Engineer to determine the patching locations and quantities.

The work to be completed under this special provision and other related work items will be as directed by the Engineer. Patching is anticipated to occur once every thirty (30) days or monthly, between March 15th and November 15th in a calendar year. Patching shall occur during a weekend within the allowable hours outlined in the special provision MAINTENANCE OF TRAFFIC. The Contractor and the CM shall discuss and agree on the planned schedule of the work at least two (2) weeks in advance of the selected weekend. Planning of the patching and lane closures shall take into consideration other construction projects in the vicinity including unrelated lane closures, weather forecasts, railroad operations and other traffic passing beneath the bridges. When field conditions warrant, deck patching outside the 30-day period shall be completed in accordance with special provision CONTRACT ALLOWANCE FOR EMERGENCY BRIDGE REPAIRS AND ASSOCIATED TRAFFIC CONTROL.

MATERIALS

Partial Depth Deck Slab and Approach Slab Asphalt Repair and appurtenant materials shall be in accordance with special provision PARTIAL DEPTH DECK SLAB AND APPROACH SLAB ASPHALT REPAIR (Illinois Tollway).

Protective Shield and appurtenant materials shall be in accordance with special provision PROTECTIVE SHIELD (SPECIAL).

Fast Set Bridge Deck and Approach Slab repair and appurtenant materials shall be in accordance with special provisions FAST SET BRIDGE DECK AND APPROACH SLAB REPAIR (SPECIAL) and FAST SETTING CONCRETE.

MAINTENANCE OF TRAFFIC for Maintenance of Bridge Decks

Maintenance of Traffic for this work shall be in accordance with special provision MAINTENANCE OF TRAFFIC, the Plans, Illinois Tollway Standard Drawings and IDOT Standard Highway Drawings except as modified herein:

This item shall be used solely for maintenance of traffic required to perform bridge deck patching and shall consist of the furnishing, installation, maintenance, relocation and removal of work zone traffic control and protection in accordance with Section 701 of the Illinois Tollway Supplemental Specifications, traffic control standards and as further defined and prescribed herein.

Maintenance of Traffic Construction Requirements

Refer to the special provision MAINTENANCE OF TRAFFIC, except that Illinois Tollway Standard Drawings E6 and E7 are not applicable to this work.

Coordination
Per Illinois Tollway Supplemental Specifications 701.04 (a) and the special provision MAINTENANCE OF TRAFFIC, except as modified herein.

The Contractor shall prepare and submit a plan for the type of material to be used for patching to open the Illinois Tollway to traffic during the nightly lane closures. The plan shall be submitted to the Engineer and the Illinois Tollway Materials Engineer for approval prior to the start of construction. Preparation of the plan shall be prepared according to the special provision MAINTENANCE OF TRAFFIC and its pay item, specified elsewhere, but included in the MAINTENANCE OF TRAFFIC pay items for daily lane closures specified herein.

Miscellaneous Maintenance Items
Per the special provision MAINTENANCE OF TRAFFIC, except as modified herein.

The Contractor shall arrange for Railroad Flaggers on railroads, or provide for maintenance of traffic on roadways, below if needed. The Contractor shall pay the cost of providing railroad flagging. The Contractor will be reimbursed for the actual cost under the ALLOWANCE FOR RAILROAD FLAGGING pay item. Payment for local roads maintenance of traffic will made under the special provision TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

In order to provide safer travel and work conditions during patching operations, each patching crew performing work shall be accompanied by Contractor provided truck-mounted attenuators as indicated in the special provision TRUCK-MOUNTED ATTENUATOR.

Temporary drainage items shall include, but not be limited to: Maintaining drainage flows; receiving and discharging all flows from drainage facilities not shown on the plans but disturbed in the field; cleaning loose material, dirt and debris from all drainage structures; and protection of inlets that are to remain in place from damage.

The Contractor shall maintain construction site safety complying with State of Illinois and OSHA requirements including, but not limited to, fall protection, excavation requirements, hazard communication and general safety and health provisions through the Contract Completion date.

Lane Closures will not be permitted when snow is anticipated during a proposed closure period.

Allowable Lane Closures
Per the special provision MAINTENANCE OF TRAFFIC, except as modified herein.

When a portable changeable message sign is required, this will be included in the cost of the lane closure and will not be measured for payment.

CONSTRUCTION REQUIREMENTS
Partial Depth Deck Slab and Approach Slab Asphalt Repair and appurtenant construction requirements shall be in accordance with special provision PARTIAL DEPTH DECK SLAB AND APPROACH SLAB ASPHALT REPAIR (Illinois Tollway). Partial Depth and Full-Depth Deck Repairs, Partial Depth Approach Slab Repairs and appurtenant construction requirements shall be in accordance with special provision FAST SET BRIDGE DECK AND APPROACH SLAB REPAIR (SPECIAL).

Protective Shield and appurtenant general requirements shall be in accordance with special

provision PROTECTIVE SHIELD (SPECIAL).

METHOD OF MEASUREMENT

Lane closures will be measured for payment in units of EACH by the number of lanes closed (one, two, or three) by the work period for the length of the closure(s).

Partial Depth Deck Slab and Approach Slab Asphalt Repair will be in measured in accordance with special provision PARTIAL DEPTH DECK SLAB AND APPROACH SLAB ASPHALT REPAIR (Illinois Tollway). Partial Depth and Full-Depth Deck Repairs, and Partial Depth Approach Slab Repairs will be measured in accordance with special provision FAST SET BRIDGE DECK AND PARTIAL DEPTH APPROACH SLAB REPAIR (SPECIAL), when required.

Protective Shield will not be measured but shall be in accordance with special provision PROTECTIVE SHIELD (SPECIAL).

Attenuator truck with driver (operator) will be measured in accordance with special provision TRUCK-MOUNTED ATTENUATOR.

BASIS OF PAYMENT

The lane closure(s) to perform Maintenance of Bridge Decks work will be paid for at the Contract unit price per EACH for MAINTENANCE OF TRAFFIC, DAILY, per the number of lanes closed (one, two or three) to perform the patching work

Other items of work, including TRUCK MOUNTED ATTENUATOR, PARTIAL DEPTH DECK SLAB AND APPROACH SLAB ASPHALT REPAIR, FAST DECK SLAB REPAIR (PARTIAL) – (SPECIAL), FAST DECK SLAB REPAIR (FULL DEPTH, TYPE I), and FAST APPROACH SLAB REPAIR (PARTIAL) – (SPECIAL) will be considered included and paid for according to the respective special provision and its pay item(s).

When PROTECTIVE SHIELD (SPECIAL) is required then it will be paid for under the special provision CONTRACT ALLOWANCE FOR EMERGENCY BRIDGE REPAIRS AND ASSOCIATED TRAFFIC CONTROL.

When emergency bridge repairs are ordered by the Engineer, the work and the associated traffic control will be paid for according to special provision CONTRACT ALLOWANCE FOR EMERGENCY BRIDGE REPAIRS AND ASSOCIATED TRAFFIC CONTROL.

Pay Item Number	Designation	Unit of Measure
JT701021	MAINTENANCE OF TRAFFIC, DAILY ONE LANE CLOSURE, STANDARD E2	EACH
JT701026	MAINTENANCE OF TRAFFIC, DAILY TWO LANES CLOSURE, STANDARD E2	EACH
JT701028	MAINTENANCE OF TRAFFIC, DAILY THREE LANES CLOSURE, STANDARD E2	EACH
JT190148	TRUCK MOUNTED ATTENUATOR	EACH
JT442300	PARTIAL DEPTH BRIDGE DECK AND APPRAOCH SLAB ASPHALT REPAIR	SQ YD
JT503400	FAST DECK SLAB REPAIR (PARTIAL) – (SPECIAL)	SQ YD
JT 503410	FAST DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD
JT503430	FAST APPROACH SLAB REPAIR (PARTIAL) – (SPECIAL)	SQ YD

PROTECTIVE SHIELD (SPECIAL)

DESCRIPTION

This work shall consist of furnishing and installing all materials including plywood, timber, and fasteners for the installation of protective shield and formwork for existing bridge deck patching and as required by the Engineer.

MATERIALS

Material specifications and sizes of members and fasteners:

a) Minimum plywood thickness is 5/8-inch (or, 19/32-inch), with the face grain perpendicular to the supports, and not less than 2-feet wide.

b) Timber supports per the following table:

BEAM SPACING (ft.)	TIMBER SIZES (in.)		
	4" x 4" WITH MIN. Fb=775 psi Fv=135 psi	4" x 6" WITH MIN. Fb=775 psi Fv=135 psi	6" x 6" WITH MIN. Fb=575 psi Fv=125 psi
	MAXIMUM TIMBER SPACING (in.)		
4.5	16	16	16
4.75	16	16	16
5.0	16	16	16
5.25	16	16	16
5.5	16	16	16
5.75	16	16	16
6.0	16	16	16
6.25	12	16	16
6.5	12	16	16
6.75	12	16	16
7.0	8	16	16
7.25	8	16	16
7.5	8	16	16
7.75	8	16	16
8.0	8	12	16
8.25	8	12	16
8.5	6	12	12
8.75	6	12	12
9.0	6	8	12

Supports and plywood deck must be within an inch or less of the beam web, either steel or prestressed precast concrete beams. Use of 4" x 6" timber joist requires placing the wide face horizontal (flat). Supports must be No. 2 Spruce-Pine-Fir or better. Bevel ends of timbers to provide a minimum of 2" of bearing, measured horizontally, seated on sloped bottom flanges of concrete beams.

c) Galvanized nails 6d at the middle and each end of supports through the plywood or across each strip of plywood.

d) Transverse plywood butt joints must be supported on a timber.

All materials furnished shall be new meeting the requirements noted herein and the Standard Specifications. All furnished Protective Shield and formwork materials will be left in place. Removal and disposal of these materials is not in contract.

Plywood shall be rated Exterior type plywood per APA – The Engineered Wood Association and shall be of the thickness shown on the herein, unless determined otherwise. Timber shall be treated and of the dimensions and spacing noted herein. Preservative treatment for treated timber

and fasteners shall be according to Article 1007.12 of the Standard Specifications. The preservative treatment used shall be suitable for human contact.

GENERAL REQUIREMENTS
Protective shield and formwork will only be required at locations as directed by the Engineer where removal operations for bridge deck patching will result in full-depth patches.

Protective shield shall extend a minimum of 10-feet beyond the actual limits of the repair, unless directed otherwise by the Engineer.

The Contractor shall be responsible for providing a sketch to the Engineer of each full-depth patch showing the estimated size of the patch and the measurements longitudinally from the face of the nearest pier to the center of the patch and laterally from the outside of existing parapet to the center of the patch. The limits of the protective shield and formwork shall be shown on the sketch with measurements to all sides of the protective shield shown from the center of patch location. An itemized list of all protective shield components shall accompany each sketch.

Work on any full-depth patches may not proceed until the protective shield and formwork for that patch is complete and in-place.

The existing vertical clearances above roadways and railroad tracks shall be maintained. The protective shield shall not rest upon existing lighting fixtures, conduits, or utilities.

METHOD OF MEASUREMENT
This work will not be measured for payment.

BASIS OF PAYMENT
Payment for this work will be made under special provision CONTRACT ALLOWANCE FOR EMERGENCY BRIDGE REPAIRS AND ASSOCIATED TRAFFIC CONTROL, as specified in Illinois Tollway Supplemental Specifications Article 109.04 using a force account basis. Payment for this work will not exceed the costs incurred by the Contractor and approved by the Engineer.

GUIDE BRIDGE SPECIAL PROVISION INDEX/CHECK SHEET

Effective as of the: June 15, 2018 Letting

√	File Name	Title	Effective	Revised
	GBSP4	Polymer Modified Portland Cement Mortar	Jun 7, 1994	Apr 1, 2016
	GBSP12	Drainage System	Jun 10, 1994	Jun 24, 2015
√	GBSP13	High-Load Multi-Rotational Bearings	Oct 13, 1988	Apr 1, 2016
	GBSP14	Jack and Remove Existing Bearings	Apr 20, 1994	April 13, 2018
	GBSP15	Three Sided Precast Concrete Structure	Jul 12, 1994	Dec 21, 2016
	GBSP16	Jacking Existing Superstructure	Jan 11, 1993	April 13, 2018
	GBSP17	Bonded Preformed Joint Seal	Jul 12, 1994	Jan 1, 2007
√	GBSP18	Modular Expansion Joint	May 19, 1994	Dec 29, 2014
	GBSP21	Cleaning and Painting Contact Surface Areas of Existing Steel Structures	Jun 30, 2003	April 13, 2018
	GBSP25	Cleaning and Painting Existing Steel Structures	Oct 2, 2001	Apr 22, 2016
	GBSP26	Containment and Disposal of Lead Paint Cleaning Residues	Oct 2, 2001	Apr 22, 2016
	GBSP28	Deck Slab Repair	May 15, 1995	April 13, 2018
	GBSP29	Bridge Deck Microsilica Concrete Overlay	May 15, 1995	Oct 20, 2017
	GBSP30	Bridge Deck Latex Concrete Overlay	May 15, 1995	Oct 20, 2017
	GBSP31	Bridge Deck High-Reactivity Metakaolin (HRM) Conc Overlay	Jan 21, 2000	Oct 20, 2017
	GBSP33	Pedestrian Truss Superstructure	Jan 13, 1998	Dec 29, 2014
	GBSP34	Concrete Wearing Surface	Jun 23, 1994	Oct 4, 2016
√	GBSP35	Silicone Bridge Joint Sealer	Aug 1, 1995	Oct 15, 2011
	GBSP45	Bridge Deck Thin Polymer Overlay	May 7, 1997	Feb 6, 2013
√	GBSP51	Pipe Underdrain for Structures	May 17, 2000	Jan 22, 2010
	GBSP53	Structural Repair of Concrete	Mar 15, 2006	Apr 1, 2016
	GBSP55	Erection of Curved Steel Structures	Jun 1, 2007	
	GBSP56	Setting Piles in Rock	Nov 14, 1996	Apr 1, 2016
	GBSP59	Diamond Grinding and Surface Testing Bridge Sections	Dec 6, 2004	Mar 29, 2017
	GBSP60	Containment and Disposal of Non-Lead Paint Cleaning Residues	Nov 25, 2004	Apr 22, 2016
√	GBSP61	Slipform Parapet	Jun 1, 2007	Apr 22, 2016
√	GBSP67	Structural Assessment Reports for Contractor's Means and Methods	Mar 6, 2009	Oct 5, 2015
	GBSP71	Aggregate Column Ground Improvement	Jan 15, 2009	Oct 15, 2011
	GBSP72	Bridge Deck Fly Ash or GGBF Slag Concrete Overlay	Jan 18, 2011	Oct 20, 2017
√	GBSP75	Bond Breaker for Prestressed Concrete Bulb-T Beams	Apr 19, 2012	
√	GBSP77	Weep Hole Drains for Abutments, Wingwalls, Retaining Walls and Culverts	Apr 19, 2012	Oct 22, 2013
√	GBSP78	Bridge Deck Construction	Oct 22, 2013	Dec 21, 2016
√	GBSP79	Bridge Deck Grooving (Longitudinal)	Dec 29, 2014	Mar 29, 2017
	GBSP81	Membrane Waterproofing System for Buried Structures	Oct 4, 2016	April 13, 2018
	GBSP82	Metallizing of Structural Steel	Oct 4, 2016	Oct 20, 2017
√	GBSP83	Hot Dip Galvanizing For Structural Steel	Oct 4, 2016	Oct 20, 2017
	GBSP85	Micropiles	Apr 19, 1996	Oct 5, 2015
√	GBSP86	Drilled Shafts	Oct 5, 2015	Oct 4, 2016
	GBSP87	Lightweight Cellular Concrete Fill	Nov 11, 2001	Apr 1, 2016

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RESPONSES TO PLAN HOLDERS

1. QUESTION: Note 10 on sheet 603 calls for corrugated, galvanized pipe sleeves to encase the abutment pile. Can a Yellow-Jacket pile friction reduction sleeve be used instead of corrugated pipe?

   RESPONSE: Yellow-jacket pile friction pipe sleeves can be utilized in lieu of corrugated, galvanized pipe sleeves under the following conditions. Provide a minimum of two project examples (with references) in which the jacket pipe sleeves were successfully installed within the past 5 years under similar ground conditions within an MSE wall application. In addition, demonstrate that the jacket pipe sleeves can maintain stability/strength due to earth pressures and compacting around the piles.

2. QUESTION: S.P. 110 defines exploratory boring at shafts that are to receive permanent casing as being incidental to the "drilled shaft in soil" line item 51603000. When you have a moment, can you please clarify the intent of the borings and weather they are to extend below the top-of-rock?

   RESPONSE: See Structural General Note 28 in Volume 3 - Drawing 563.

3. QUESTION: The C-1 General Liability insurance requirements include a $2M per occurrence minimum and an aggregate minimum limit of $4M. If a Contractor typically carries a $1M per occurrence / $2M aggregate GLI, does BNSF find it acceptable to cover the deficiency with the Contractor's umbrella policy that has a $25M limit?

   RESPONSE: Updated C-1 forms are provided in Addendum No. 4 that include changes to insurance requirements. The question was posed to BNSF and they stated that they will allow an excess/umbrella policy to make up the gap for general liability.

4. QUESTION: No traffic barrier is shown on any of the ground-mounted noise abatement wall sections on sheets S1-10. Per AASHTO LRFD 15.8.4, case 1-4 allows for noise barriers mounted either on or behind a crashworthy traffic barrier. This implies there must be a crashworthy traffic barrier. Please clarify whether crashworthy traffic barrier is to be located along the edge of roadway in front of the ground-mounted noise abatement walls.

   RESPONSE: The Illinois Tollway Structure Design Manual Article 23.2.2 allows an unshielded TL-4 ground mounted noise abatement wall that is within the clear zone to be designed in accordance with AASHTO LRFD Article 15.8.4 - Case 1. Ground mounted noise abatement walls designated as crashworthy to be designed as crashworthy per the revised special provision "PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE)" provided in Addendum No. 4.

5. QUESTION: If a crashworthy traffic barrier is indeed located along the edge of roadway in front of the noise abatement walls, please clarify why ground mounted Noise Abatement Walls 1D and 1E need to be crashworthy structures as 15.8.4 case 4 indicates that an offset greater than four feet requires no crashworthiness on the part of the noise barrier.

   RESPONSE: See response to previous question.

6. QUESTION: The Structure Design Manual references AASHTO 15.8.4. The impact loads on the noise abatement wall would be much larger using this criteria vs. the method outlined in I-18-4430 sheet J-875. Please clarify if structure mounted noise abatement walls should be designed to the Illinois Tollway Structure Design Manual or I-18-4430 sheet J-875.

   RESPONSE: A revised Special Provision "PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE)" is provided in Addendum No. 4. Design shall be in accordance with this Special Provision.

7. QUESTION: Hello Mohamad, do you happen to know the Illinois Procurement Bulletin (IPB) Reference # for this project? It is need for the completing the Forms B for the project.

   RESPONSE: Effective January 1, 2019 BidBuy has replaced the Illinois Procurement Bulletin (IPB) for Engineering Construction Solicitations. The original BidBuy Open Market Bid number for contract I-18-4430 is B-5507. Each addendum will have its own BidBuy number. If the contractor is using Forms A, they should leave the Illinois Procurement Bulletin Number line blank. If they are using Forms B, they should leave the IPB Reference # blank, but add a brief description to the Procurement/Contract # field.

8. QUESTION: The Tollway Structure Design Manual (SDM) is not included in the project specification (page J-870) of PERFOMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) pay item; however, SDM section 23.2.2 is referenced in the Structure Mounted NAWs portion of the project specifications (page J-875 of the project specifications). Do we utilize the discussed manual throughout the design of the different types of NAWs?

   RESPONSE: A revised Special Provision "PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE)" is provided in Addendum No. 4. Reference to the Tollway Structure Design Manual is included in the revised Special Provision.

9. QUESTION: Item 2 of the General Structural portion of the PERFOMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) – page J-874 of the project specifications, identifies the wind load applied for Strength III load combinations. For other load combinations, the same item indicates that Article 3.8 shall be used to determine the wind loads. However, ASCE 7-16 is part of the standards specified on page J-870 of the project specifications, do we check the wind load obtained for the service load case against the ASCE 7-16 as well or only design based on ASHTO Article 3.8?

   RESPONSE: A revised Special Provision "PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE)" is provided in Addendum No. 4. Wind loads shall be in accordance with this Special Provision. Reference to ASCE 7-16 has been deleted in the revised Special Provision.

10. QUESTION: On page J-872 of the project specifications, the top of wall is indicated to be at or above the acoustical profile line shown on the plan, unless noted otherwise. Drawing No. 1180 show only the acoustical line whereas drawings 1382, 1383, 1385 and 1386 show the acoustical line and elevations above the acoustical line. The elevations above the acoustical line are not called out to be the top of the noise wall elevation. Do the proposed NAWs have to match the elevations shown in those sheets and the respective steps or do the NAWs only have to be at or above the acoustical line as mentioned in the project specifications?

    RESPONSE: Variations to the elevation steps can be made, however the top of NAW elevations shall be at or above the acoustical profile line as noted in the Special Provisions.

11. QUESTION: Is there a Structural Geotechnical Report document recommending a minimum pile depth for each type of wall (Ground Mounted and Crashworthy Ground Mounted)?

    RESPONSE: Structure Geotechnical Reports are provided within the Special Provisions. Supplemental soil exploration and testing, if required, is discussed within the Special Provisions.

12. QUESTION: NAW #1A (Drawing No 1382), NAW #1D (Drawing No 1383) call out measurements with spaces up to 25'-0". Are those the column spacing? If so, panels cannot be 25'-0" on centers since panels cannot be transported as such sizes. Is the contractor required to follow the spaces shown in the sheets?

    RESPONSE: Plan sheet details indicate a conceptual panel layout. Final column spacing and panel sizes to be designed by the Contractor.

13. QUESTION: For all Ground Mounted NAWs (Drawings 1382, 1383, 1385 and 1386) call out the bottom of Proposed Wall is provided at 4" below finished grade; however, the Tollway Structure Design Manual (SDM) – section 23.1 of the latest SDM – requires the bottom of the "Panels shall be embedded a minimum 1'-0" below grade." The SDM is not referenced in the NAWs specifications on page J-875, do we embed the panels 4" or 12" below grade?

    RESPONSE: Panels shall be embedded a minimum of 1'-0" below grade as shown on revised Drawings 1382, 1383, 1385, and 1386 provided in Addendum No. 4.

14. QUESTION: On page J-875 of the Project Specifications, item 9 of the Ground Mounted NAWs section requires the wall to be designed for an equivalent static load of 10kips applied at 6 feet above pavement for stability checks of the foundation. Is that an impact load? If so, do we only apply the load to crashworthy ground mounted NAWs only?

    RESPONSE: This requirement has been removed in the revised Special Provision "PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE)" provided in Addendum No. 4.

15. QUESTION: On page J-875 of the Project Specifications, item 1 of the Structure Mounted NAWs section of the project specifications, refers to a "clear zone" for the design of Test Level 5 (TL-5). Is the referred to "clear zone" as defined in Article 15 of the referenced AASHTO code?

    RESPONSE: The "clear zone" noted in the special provision refers to the AASHTO definition of "the unobstructed, traversable area provided beyond the edge of the through traveled way for recovery of errant vehicles" and is not related to the setback distances noted within AASHTO Article 15. See revised Special Provision "PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) provided in Addendum No. 4.

16. QUESTION: On drawing 1179, the typical section shows the distance between the back face of the parapet and the front face of the noise wall at 8.5" minimum. Did the design concept consider a 30kips impact load applied at 14'-0" from the pavement as indicated in the project specifications page J-875 Item 1 of the Structure Mounted Noise Abatement Walls?

    RESPONSE: Updated requirements are provided in the revised Special Provision "PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE)" provided in Addendum No. 4.

17. QUESTION: Will the Department be allowing Contractors to visit the cores? If so, can you please provide the address that they can be viewed at?

    RESPONSE: Site visits to review the cores can be accommodated. The cores are stored at the following location: Geo Services, Inc., 1235 East Davis St., Suite 101, Arlington Heights, IL. 60005. Site visits can be scheduled by contacting Drew Ptak (drew@geoservicesinc.net) at least 48 hours in advance.

18. QUESTION: On sheet # J-297 (HIGH LOAD MULTI-ROTATIONAL BEARINGS, SPECIAL) SUBMITTALS: "Temporary fixing devices for guided and non-guided bearings" Is the manufacturer responsible for designing the "fixing devices"? If so, we will need the requirements. HLMR Bearings are usually strapped, using metal bands, for ease of installation and so the bearing components do not separate.

    RESPONSE: Refer to Note 1 on Drawing 723.

19. QUESTION: I have a question concerning the following item: JT546000 TELEVISION INSPECTION OF SEWER 1. Is there a pipe schedule for this, listing pipe sections, sizes, and lengths? 2. Where is this work shown on the plans?

    RESPONSE: There is not a pipe schedule for existing pipes to be televised. Refer to the UTILITY PROTECTION special provision pages J-932 through J-934 and UTILITY PLAN Sheets for locations of MWRD and Village of Hodgkins sewers to be televised. The size and ownership of pipes are identified on the UTILITY PLAN and UTILITY PLAN MATRIX sheets.

20. QUESTION: Please advise when the retaining wall TS20.6RNB will be constructed? We anticipate needing this constructed by July 1st, 2020 in order to complete the remaining roadwork in the area

    RESPONSE: Wall TS20.6RNB as shown in the proposed typical sections as work by others, is in an adjacent subsequent construction contract. The existing wall at this location will be in place to accommodate the proposed typical section until the proposed wall is constructed. The proposed wall is not anticipated to be constructed prior to this contract.

21. QUESTION: Please confirm all rebar accessories are to be stainless steel? Specifically if epoxy coated (or other coating) tie wire may be used? Have allowances been made in the design and detailing of the stainless steel rebar to allow for minimum required spacing between stud shear connectors, structural steel, deck joints etc. as required by the Special Provision for "Reinforcement Bars, Stainless Steel"?

    RESPONSE: Stainless steel tie wire is required as indicated in the special provision. Stainless steel reinforcement spacing is not detailed to avoid stud shear connectors, adjustments in the field may be required to provide the required clear distance.

22. QUESTION: The two subgrade aggregate pay items, "JT211A08 - Subgrade Aggregate 9 IN" and "JT211A11 - Subgrade Aggregate 12 IN" are paid in CY. The method of measurement in the special provision sheet J-794 states that the work will be measured for payment in cubic yard. The areas under the bituminous shoulder will have an additional thickness of aggregates. Please confirm this additional quantity of variable depth capping aggregate be measured for payment as part of the cubic volume pay item?

    RESPONSE: The two SUBGRADE AGGREGATE items are measured in cubic yards, inclusive of the volume of the variable depth under the shoulders or other appurtenances as shown in the plans.

23. QUESTION: Why has Illinois Tollway selected stainless steel reinforcing bars that are neither melted, rolled, or fabricated in Illinois nor are they melted, rolled or fabricated by a company based in Illinois?

    RESPONSE: Stainless steel reinforcing bars are being utilized to due to their corrosion resistant properties.

24. QUESTION: Will you reasonably entertain epoxy-coated steel reinforcing bars as an alternative to the stainless steel in the bidding process?

    RESPONSE: No, stainless steel reinforcing bars shall be utilized at the designated locations as shown on the plans.

25. QUESTION: Are you aware that there are only two stainless steel reinforcing bars in the USA, whereas there 20+ mills that can provide A615 or A706 materials; hence making availability a large leverage for Illinois Tollway in competitive sourcing process?

    RESPONSE: See response to Question 23.

26. QUESTION: The special provisions spec section S.P. 107.3.1 lists all train movement per track per day, however a specific time is not given. Can the train schedules and time for CN tracks 1 and 2 and also for BNSF Mainline tracks 1, 2 and associated BNSF yard tracks be given?

    RESPONSE: Contractor is referred to https://safetydata.fra.dot.gov/OfficeofSafety/PublicSite/Crossing/Xingqryloc.aspx for available public information.

27. QUESTION: MSE Retaining Wall - Special (TS21.03R, NB) – The SGR states differential settlement of up to 0.02" per foot is expected. This is ~30% of the 1:200 allowable differential settlement for 30 SF-75 SF panels and ~15% of the 1:100 allowable differential settlement for <30 SF panels with ¾" joints (AASHTO C11.10.4.1-1). Total settlement is stated around 4". The settlement values given in the SGR do not warrant a wire faced wall with panels attached after the stated settlement waiting periods. Will ISTHA accept eliminating the wire facing and install precast panels during Phase 1 and 2 as recommended by AASHTO? Coping and final embankment would occur in Phase 3.

    RESPONSE: No, due to the possibility of actual settlement being greater than that predicted in the structural geotechnical report (SGR), phased construction of the MSE Wall Special with wire-faced wall shall be utilized as shown on the plans. As suggested in the SGR, "...a temporary "wire-face" to allow for potentially more settlement than estimated would be prudent for design of the wall, by allowing installation of the wall panels after the majority of the settlement has occurred."

28. QUESTION: Will repair work for Temporary Attenuators and Temporary Attenuators To-Remain-In-Place be paid under Article 109.04 "Force Account" basis, through pay item JT154008 Unforeseen Additional Maintenance of Traffic or will JT154006 Temp Impact Atten Replacement/Repair and JT154007 Temporary Concrete Barrier Replacement/Realignment be added to the contract pay items?

    RESPONSE: Please see Article 107.30 of the Tollway Supplemental Specifications. Temporary attenuator repair is not paid.

29. QUESTION: Will temporary fence be required after the ROW fence is removed? If this is the case, please confirm that Pay Item Z0055905 Temporary Construction Fence will be utilized.

    RESPONSE: Per the Erosion Control Notes on Drawing 391 (EC-3) and SP 111, all Temp Chain Link Fence 8' w/ Screening of the Type selected (JI664615 or JI664201) and Temporary Construction Fence (JT900202) shall be installed prior to construction work commencing at the locations shown in the plans and as directed by the Engineer, including areas where ROW fence is to be removed. Any additional fence locations not shown in the plans will be determined by the Engineer and will utilize these same pay items as needed.

30. QUESTION: Is the Tollway interested in receiving removed materials at any of their maintenance yards for guardrail posts, panels or blocks that do not comply with the current tollway standards? Example: 25' guardrail panels, 6" blocks or post lengths other than 6'

    RESPONSE: The decision of whether or not to salvage guardrail will be made on-site by the Engineer.

31. QUESTION: J-226 suggests that the Temporary Fence needs to be returned to M-1. There are three pay items for temporary fence. Which pay item(s) does this apply to? J-542 suggests contractor salvages the temporary fence. J-940 is silent on who gets the material after removal.

    RESPONSE: The salvage material this applies to shall be coordinated with the Engineer during construction. The intent is for this to apply to the Temporary Construction Fence item JT900202 as the special provision for Temporary Chain Link Fence 8' w/ Screening notes that this item is to remain the property of the Contractor.

32. QUESTION: Please advise the hours of operation at M-1 for dropping off guardrail.

    RESPONSE: M-1 Maintenance yard hours of operation are Monday thru Friday 7am-3pm. The delivery of salvaged material shall be coordinated with the Engineer a minimum of 24 hours in advance.

33. QUESTION: Please confirm that the Tollway will provide fork lift service for unloading the many truckloads of guardrail at M-1?

    RESPONSE: Illinois Tollway Maintenance may provide manpower and equipment to assist with unloading of salvaged material. The delivery of salvaged material shall be coordinated with the Engineer a minimum of 24 hours in advance.

34. QUESTION: JI633032 Remove and Re-Erect Steel Plate Beam Guardrail Type A 6' Posts: Please provide a schedule of quantities for RR Guardrail so we can determine where this work is located.

    RESPONSE: The location can be found on Drawing 259. The guardrail replacement is required to facilitate the t-connection for the proposed hydrant. If the Contractor can perform the work without removing the guardrail, that would be acceptable.

35. QUESTION: JI213004 Exploratory Trench (Hand Excav) and JI213006 Exploratory Trench (Vacuum Excav): Will these two pay items be utilized in the event that a conflict becomes known during a normal utility locate for the ROW Fence and/or Guardrail, or will this work be paid on a force account basis?

    RESPONSE: The quantity for these items is based on identified potential conflicts and an estimated length of trench at each location. As directed by the Engineer, these items may be utilized for conflicts that become known during construction.

36. QUESTION: Please confirm that it will be acceptable to perform the LaGrange guardrail and impact attenuator work under DAYTIME lane closure, Monday – Friday during non-peak times of 9am-3pm, or does this work need to be performed at NIGHT?.

    RESPONSE: All lane closures on LaGrange Rd will need to be coordinated with IDOT District 1 to allow daytime lane closures. Currently, lane closures are only to be allowed according to the plans and special provisions.

37. QUESTION: JI664335 Double Vehicle Gate, ROW Fence Type 1: Vehicle Gates, per standard are 20' driveway width. Please confirm all gate widths are 20' Wide per the standard or declare the quantity and widths of gates that are greater than 20' so the item can be bid properly.

    RESPONSE: All gates identified in this contract are intended to be the standard width per the Illinois Tollway Standard Drawing for ROW Fence Type 1 except for one gate at the Santa Fe Access Drive which will be 26'. The 26' gate is shown in Addendum No. 4 and the sheet will be issued to the successful bidder.

38. QUESTION: Please confirm that the Chain Link Fence Attached To Structure Posts will need to be fabricated by an AISC Certified Shop.

    RESPONSE: Fabricate in accordance with the IDOT Standard Specifications.

39. QUESTION: What is the purpose of INCIDENTAL Fence for the Performance Based Wall when there is a Pay Item for CL Fence Attached-to-Structure? Please incorporate the INCIDENTAL quantity of fence into the plan quantity that will be measured in place or payment.

    RESPONSE: The details of the fence attached to the Performance Based Wall cannot be determined until the wall type/design has been established, and may differ from the fence attached to structure at other wall locations. The cost of the chain link fence at this location will remain included with the cost of the Performance Based Retaining Wall.

40. QUESTION: Please confirm the fence can span across all expansion joints, or will the fence need to stop and then start at each expansion joint.

    RESPONSE: Per the special provision CHAIN LINK FENCE, 4' ATTACHED TO STRUCTURE, the posts shall be located to avoid expansion joints.

41. QUESTION: Temporary Chain Link Fence 8' w/ Screening, Type 1 and Type 2: J-540 also states Temp Fence with screening includes removal, but there is also a pay item for removing this fence system. Is the removal incidental to the pay item Ji664615 and JI664620 or will it be paid under JI664621 Temp Fence with Screen Removal?

    RESPONSE: All removal for Temp Chain Link 8' w/ Screening shall be paid for under the JI664621 item.

42. QUESTION: Temporary Chain Link Fence 8' w/ Screening, Type 1 and Type 2: It also says that pedestrian gates and vehicle gates are included...how many of each and what are the widths of each INCIDENTAL gate should we include in the plan quantity? The plans don't provide location, quantity or widths. Temporary Gates should have their own pay item.

    RESPONSE: The Erosion Control plans show preliminary locations for contractor gates needed through the Temp Chain Link Fence 8' w/ Screening. The purpose of gates through this type of fence is solely for Contractor access and must have the locations approved by the Engineer according to the plans and special provisions.

43. QUESTION: JI664615 Temporary Chain Link Fence 8' w/ Screening: The combined quantity of JI664615 and JI64620 does not match the quantity of JI664621 Temporary Chain Link Fence 8' W/Screening Removal. Is it your intent to have any temporary fence with screening to remain in place?

    RESPONSE: A large amount of the Temp Chain Link Fence 8' w/ Screening is meant to stay in place after the end of this contract. The exact quantity of the removal will be determined by the Engineer when it is decided which fence needs to stay and what can be removed at the end of this contract.

44. QUESTION: Following up on response to question on Addendum 2 with regards to what work operations that are deemed as "could cause delay or interruption to service" to BNSF, no additional information was given to specify what operations these might be. Can the Tollway please elaborate on what operations the contractor can/cannot work on between 10/1 and 1/31 on BNSF ROW.

    RESPONSE: As indicated in SP 106.9, "No work within the railroad right-of-way, which as determined by BNSF could cause delays or interruption of service" will be allowed. Contractor must abide by the temporary clearances given in SP 106.9.

45. QUESTION: Regarding the Buckeye Pipe Relocation, the special provision SP104 references direct and indirect conflicts with the pipe. At pier 1, the existing gas line is an indirect conflict with the construction of the pier as it is to the South of the pier. At this location, it drives the schedule for unit 1 and unit 2 steel erection, which is critical to the completion date on the project. Is the contractor required to wait until and anticipated relocation date of 3/1/20 per the special provisions, or can work commence here given that the contractor potholes and works with Buckeye during the drilled shaft operations.

    RESPONSE: The Contractor is referred to SP 104.1 note 4 of Addendum 1.

46. QUESTION: BNSF ROW Parcels TW-3-B-16-005.03P, -005.0T1, -005.P, -005.02T do not have access date restrictions in SP106.9 (Railroads). Please advise if work can commence in this area once NTP is granted?

    RESPONSE: The subject parcel anticipated acquisition date is indicated in S.P. 118. Further, the Contractor must be aware of that access is subject to BNSF requirements given in S.P. 106 once the Tollway has acquired the parcel.

47. QUESTION: Contractor Allowance RR Flagging. The last sentence indicates "Any Costs Incurred for flagging provided by the RR at contractors request for those days when the contractor does not work shall be borne by the contractor". Does this include inclement weather days when the ability to work is beyond the contractors control?

    RESPONSE: In the event of inclement weather, the Contractor is referred to the Illinois Tollway Supplemental Specifications Section 108.07 Suspension of Work.

48. QUESTION: Sheet ITS-14 shows a 70' wood pole at station 1094-85, but sheet ITS-21 shows a pole at this location as 90'. Please clarify the size of this wood pole.

    RESPONSE: It is to be a 70' pole. The callout on ITS-21 has been changed, quantities have been adjusted accordingly and revisions are in Addendum No. 4.

49. QUESTION: For the temporary aerial fiber shown on the temporary ITS plans, where will the messenger wire be paid for?

    RESPONSE: See the INSTALL FIBER OPTIC CABLE, SINGLE MODE special provision.

50. QUESTION: For the temporary aerial fiber shown on the temporary ITS plans; will this aerial cable be removed on this contract? Where will this removal be paid for?

    RESPONSE: Yes, some portions of the temporary aerial fiber (as well as underground temporary fiber) will be removed as noted on the plans. Pay items X8951011 (for aerial fiber on poles) and XX003453 (for aerial fiber on the bridge) will be used for payment.

51. QUESTION: For the temporary aerial fiber attached to the underside of the bridge; where will the bridge attachment hardware (i.e. wall strap attachments and tangent clamp assemblies) be paid for?

    RESPONSE: See the INSTALL FIBER OPTIC CABLE, SINGLE MODE special provision.

52. QUESTION: There are some conduit runs on the temporary and proposed ITS plan sheets (that are denoted as a certain conduit/cable assembly according to the conduit/cable description legend on ITS-1) that are grayed out and not bolded. Are these just shown for reference and to be installed by others on other contracts?

    RESPONSE: Yes, grayed out runs are shown for reference.

53. QUESTION: In the location where we are to install the 4-8" FRE conduit assembly attached to the bridge AS WELL AS the 2-4" FRE conduit assembly attached to bridge (under LaGrange Rd Bridge), is it the intent to install both of these hanger assemblies between the same bridge beams?

    RESPONSE: No. The duct packages split at LaGrange Rd Bridge abutments, as shown on Sheets ITS-21 and ITS-22. Sheet ITS-43 plan view shows the conduits and beams, with a beam separating the ITS power ducts and the ITS communication ducts. LaGrange Rd Bridge structural plans show the separate duct packages hanging between different beams and passing through different openings in the pier and abutment diaphragms.

54. QUESTION: Please confirm pay item JT130754 (ELECTRICAL WORK, INTERMEDIATE POWER DISTRIBUTION AND COMMUNICATION FACILITY) shall include the installation of all conduit and stub ups (sheet ITS-65) and all grounding (sheet ITS-66) as well as the testing of the conduit systems and grounding only. Please confirm IPDC building is to be furnished and installed as part of a future contract by others.

    RESPONSE: Confirmed. JT130754 will include installation of all conduit that is terminated within the IPDC building footprint (ITS-64 note 6, ITS-65 note 8). The prefabricated building will be installed in a future contract (ITS-64 note 4, ITS-65 note 7). IPDC grounding is also paid for under JT130754 (ITS-66 note 6).

55. QUESTION: For pay item JT130754 (ELECTRICAL WORK, INTERMEDIATE POWER DISTRIBUTION AND COMMUNICATION FACILITY), please confirm all conduits shown on sheet ITS-65 shall be included in the cost for this pay item, and that the conduits will NOT be paid for by pay item work.

    RESPONSE: See Sheet ITS-65 Note 8.

56. QUESTION: Due to the magnitude of this job, please consider extending the question deadline date for two (2) more weeks.

    RESPONSE: Addendum No. 3 revised the last day for questions to March 15, 2019.

57. QUESTION: Due to the magnitude of this job, as well as an upcoming IDOT Letting, please consider extending the bid due date.

    RESPONSE: Addendum No. 3 revised the bid opening date to April 4, 2019.

58. QUESTION: Performance Based Retaining Wall, Location 1 provides specific loading design criteria, while Performance Based Retaining Wall, Location 2 provides no specific loading design criteria. Please confirm the design loading criteria for PBRW, Location 2.

    RESPONSE: Design load criteria added to Drawing 1354 in Addendum No. 4.

59. QUESTION: If a Soldier Pile Retaining Wall is utilized at any location on this project, what is the required minimum depth the panels are to be buried?

    RESPONSE: Per IDOT Bridge Manual Fig. 3.11.3.2.1-1 and Fig. 3.11.3.2.1-2, 2'-0" minimum depth is required for the concrete facing.

60. QUESTION: Performance Based Retaining Wall, Location 2 uses a 42" tall F-Shape Barrier currently. Please confirm the specific impact load requirements for this barrier.

    RESPONSE: See requirements within special provision PERFORMANCE BASED RETAINING WALLS (WITHOUT MOMENT SLABS).

61. QUESTION: There are Noise Abatement Walls which appear to have grade differentials between the front and back faces of the wall. Please confirm the minimum earth load and LL surcharge load which needs to be applied in the design of the NAW.

    RESPONSE: See requirements within revised Special Provision "PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE)" provided in Addendum No. 4

62. QUESTION: There are Noise Abatement Walls called out specifically as (CRASHWORTHY) and others which are not. Please confirm the NAWs not labeled as (CRASHWORTHY) can be designed without impact loads.

    RESPONSE: Yes, Ground Mounted NAWs not labeled as CRASHWORTHY shall be designed without impact loads.

63. QUESTION: Please clarify the intent of the equivalent static load (ESL) described in design requirement 9 of the ground mounted noise abatement wall specification. Design requirement 8 specifies that drilled shafts shall be designed for the strength load combinations, including extreme event limit load cases according to Geotechnical Manual User memo 11.1. Shall the drilled shaft depths and strength be governed by design requirement 8 or is the pier depth governed by the ESL described in design requirement 9?

    RESPONSE: A revised Special Provision "PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE)" is provided in Addendum No. 4. Design requirement 9 has been deleted in the revised Special Provision.

64. QUESTION: Design requirement 1 of the ground mounted noise abatement wall specification states any walls subjected to impact loads, should be designed for Test Level 4 (TL-4). Please confirm this to be the design requirement for all NAWs designated as (CRASHWORTHY).

    RESPONSE: Yes, only Ground Mounted NAWs designated as CRASHWORTHY shall be designed for Test Level 4 (TL-4).

65. QUESTION: Design requirement 5 of the ground mounted noise abatement wall specifications states "Foundations for crashworthy Noise Abatement Walls shall consider impact loads". Design requirement 8 of the same spec section refers to several Factors of Safety. Please confirm these components of the specifications are how the NAW foundations are required to be designed.

    RESPONSE: Foundations are to be designed in accordance with these requirements as noted.

66. QUESTION: The contract plans detail the NAW fixed to the back of the moment slab/retaining wall at 8.5". The minimum setback required to avoid the 30kip impact load as stated in ISTHA Design Bulletin 18-02 is 10". Please confirm the setback distance for the structure mounted NAW.

    RESPONSE: The setback distance of 8.5" is correct. A revised Special Provision "PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE)" is provided in Addendum No. 4. An impact load of 4.0 kips is specified in the revised Special Provision for the setback distance shown on the plans.

67. QUESTION: Noise Abatement Wall general design requirement 4 requires the NAW to be designed for a minimum service life of 50 years. Is it required to design for a reduced section as a part of this service life requirement? If so, what is the rate of reduction required?

    RESPONSE: See requirements within revised Special Provision "PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE)" provided in Addendum No. 4.

68. QUESTION: From our strand lift experience, Temporary Lateral Wind Bracing will be required for stability, will the contractor be allowed to drill additional holes in the top flange to attach this Temporary Lateral Bracing?

    RESPONSE: Yes, provided the net section of the flange is not reduced by more than a single bolt hole.

69. QUESTION: Drawings 730-734: Does the overall bearing height of 'H' need to be met in the bearings provided, or can bearing seats be adjusted if shorter bearings are supplied? Bearing note 22 on drawing 732 indicates bearing seats can be adjusted.

    RESPONSE: Bearing seat elevations shall be adjusted in accordance with Note 22 on Drawing 732. See additional notes for bearing seat elevations on pier elevation sheets.

70. QUESTION: Drawings 730-734: If bearing heights can be different than shown, can the number of plates provided in the bearing assemblies be reduced? Bearing details show 5 plates, not including any shim plates or embedded plates. It appears at least one less plate would work and still meet the requirements for positioning and field welding.

    RESPONSE: If the Contractor can meet the requirements for positioning and field welding between the bottom bearing plate and masonry plate directly, the auxiliary plate can be eliminated, however the masonry plate size and bearing seat elevation needs to be designed and revised accordingly.

71. QUESTION: Drawings 730-734: If bearing seats can be adjusted, what is the purpose of the "additional" shim plates shown on drawing 733?

    RESPONSE: The shim plate requirements can be found in Note 21 on Drawing 732. The purpose of the shim plates is to accommodate unexpected construction variations when setting bearing seat elevations during pier construction.

72. QUESTION: Is material that is being stockpiled at the Ogden Avenue interchange available for use by Contract I-18-4430?

    RESPONSE: The material being stockpiled at Ogden Avenue will not be allowed to be utilized for Contract I-18-4430.

73. QUESTION: I see where the Mile Long Bridge has been postponed until April 4th to bid. My question to you is does this also move back the delivery on the prestressed concrete bridge beams. We in this industry need to order new forms and also produce them and let them sit in our yard 60 days before shipping to obtain the age needed to ship and transport. Time was short before but moving this back will really put us in a bind. Schedule shows start of delivery of 90'' beams in late October (4 spans). Can you shed some light on this for us?

    RESPONSE: The suggested initial beam deliveries have been moved back accordingly and are included in the Suggested Progress Schedule within Addendum No. 4.

74. QUESTION: Plan for 4430 calls out equipment to stay on site for the package 2 project. The traffic control shown in Final Condition plan pages 147 thru 156 is this equipment going to be returned to the traffic control company? Who will be responsible to maintain and will the message centers also stay.

    RESPONSE: As indicated in the MOT Special Provision, the Contractor shall maintain traffic control signs and equipment until the contract completion date. The traffic control signs and equipment are to be removed at the close of the contract. At that point the next contract Contractor will need to install the same traffic control configuration. All custom guide signs in place at the end of the I-18-4430 contract are to remain in place and the next contract will take ownership of these.

ADDENDUM NO. 3
TO
CONTRACT REQUIREMENTS
FOR CONTRACT I-18-4430
ILLINOIS STATE TOLL HIGHWAY AUTHORITY

Date: March 1, 2019

For which proposals will be received by the Illinois State Toll Highway Authority at its offices, 2700 Ogden Avenue, Downers Grove, Illinois 60515 until 10:30 A.M. local time, **April 4, 2019.**

NOTICE OF REVISION TO CONTRACT

NOTES:

1. **The Bid opening date has been revised.** Sealed proposals for the above numbered Contract will be received by the Illinois State Tollway Highway Authority at its offices, 2700 Ogden Avenue, Downers Grove, 60515, until 10:30 a.m., local time, **April 4, 2019**, at which the Proposals will be opened and the bids read aloud. Replace A-1R with the attached page A1RR. Replace P-1 with attached page P-1R.

2. The following revised Special Provision page is included with this Addendum: J-18R

CHANGES TO THE CONTRACT SPECIAL PROVISIONS

Change #1: Contract requirements, Volume I, replace page A-1R with page A-1RR (attached), and Contract requirements, Volume I, replace page P-1 with P-1R (attached). This replacement contains the following revisions:

1.1 Revised bid opening date from March 14, 2019 to April 4, 2019

1.2 Revised contract start on or about date from May 14, 2019 to June 12, 2019

1.3 Revised contract documents questions receipt date from February 28, 2019 to March 15, 2019

Change #2: Contract requirements, Volume II, replace page J-18 with J-18R (attached). This replacement contains the following revisions:

2.1 Revised commencement date to June 12, 2019

END OF ADDENDUM CHANGES

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

ADVERTISEMENT FOR SEALED BIDS

Bid Schedule and information for

CONTRACT NO: I-18-4430

Sealed Bids for the above numbered Contract as described below will be received by the Illinois Tollway at its offices, at 2700 Ogden Avenue, Downers Grove, Illinois 60515, until 10:30:00 a.m., local time, April 4, 2019, at which time the Bids will be opened and the bids read aloud.

An **optional pre-bid meeting** is scheduled for February 14, 2019 at the **Aramark Conference Center in Downers Grove, at 2300 Warrenville Road**. The meeting will be held in the Auditorium at 1:00 p.m.

The work to be done under this Contract shall be started on or about June 12, 2019. All work under this Contract shall be completed by November 25, 2020.

The work under this Contract shall consist of: The reconstruction of portions of I-294 mainline, bridge replacement of bridge number 191 carrying northbound I-294 over CNRR, I&M Canal, Chicago Sanitary & Ship Canal, MWRD Property, Cook County Forrest Preserve, Des Plaines River, BNSF RR, Santa Fe Drive, and the 75th Street Ramps, replacement of portions of bridge numbers 183 and 184 carrying I-294 over LaGrange Road, reconstruction of portions of the 75th Street ramps, performance based noise and retaining walls, cofferdams and causeways, detention pond and other drainage improvements, temporary soil retention, fire protection system, demolition of structures, protective shield, temporary erosion and sediment control, and Maintenance of Traffic.

The work under this Contract is to be performed on: Tri-State Tollway (I-294) between Mile Post 20.7 and Mile Post 22.3 in Cook County, Illinois.

Bidders may be required to be pre-qualified by the Illinois Department of Transportation (IDOT).

IDOT Prequalification required: ☒ YES ☐ NO If 'NO', ignore any reference to IDOT Prequalification within the remainder of this document.

Joint Ventures shall be limited to no more than 3 individually IDOT-pre-qualified members.

Bidders are also required to be registered, or submit evidence of application, with the Illinois Department of Human Rights (IDHR). **There are NO EXCEPTIONS.**

Please note that written or oral communications received by the Illinois Tollway in connection with this solicitation may be required to be reported to the Procurement Policy Board as required by law. This provision is not intended to prohibit communications with State employees regarding a procurement matter, but rather only requires reporting of those communications when they occur.

All bids must be on forms prescribed by the Illinois Tollway and must comply with the terms and conditions set forth in the Contract Documents. Copies of the plans, special provisions, bid forms and other Contract Documents for this Contract are available from BHFX Digital Imaging and can be viewed and/or ordered for purchase by visiting the On-line Plan Room via www.illinoistollwaybidding.com. Copies of the current Illinois Tollway Supplemental Specifications to the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction can be purchased directly from BHFX Digital Imaging. The current Illinois Tollway Supplemental Specifications may also be viewed in the 'Doing Business' section on the Tollway website. Current Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Recurring Special Provisions can be viewed and purchased from the Illinois Department of Transportation website. Electronic copies of the contract documents are also available on compact disk (CD) from BHFX Digital Imaging. Copies are in a portable document format (PDF). **Bidders with questions or in need of assistance in purchasing Contract Documents are to contact a** BHFX Digital Imaging, **Customer Service Representative at 630-393-0777, ask for the Plan Room.**

Questions pertaining to the intent of the Contract Documents may be sent to the Illinois Tollway, attention Mohamad Faraj at mfaraj@getipass.com, to be received no later than 2:00 p.m. local time on March 15, 2019.

A completed Questionnaire and a statement of Current Contractual Obligations on forms supplied by the Illinois Tollway will be required from the apparent low Bidder once the apparent low Bidder is determined. Each Bid must be accompanied by a Bid Guaranty in the amount of five (5%) per cent of the total amount shown in the Bid for the Contract. The Bid Guaranty shall be in the form of an acceptable bid bond or a bank draft, certified check or cashier's check drawn on a solvent bank made payable to the Illinois State Toll Highway Authority.

Award of the above Contract, if any award be made, will be to the lowest responsive and responsible Bidder or Bidders. The Illinois Tollway reserves the right to reject any and all Bids, to waive technicalities, or cancel the solicitation.

COPIES OF PLANS, SPECIAL PROVISIONS, BID FORMS, CONTRACT DOCUMENTS, STANDARD SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATIONS ARE NOT AVAILABLE AT THE TOLLWAY CENTRAL ADMINISTRATION BUILDING.

DATE: January 29, 2019

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

BID

CONTRACT NO. I-18-4430

Bids will be received by The Illinois State Toll Highway Authority at its offices, 2700 Ogden Avenue, Downers Grove, Illinois, 60515 until 10:30:00 a.m., local time, April 4, 2019 and immediately thereafter publicly opened and read aloud.

TO THE CHAIRMAN OF THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY:

The undersigned hereby proposes to perform: The reconstruction of portions of I-294 mainline, bridge replacement of bridge number 191 carrying northbound I-294 over CNRR, I&M Canal, Chicago Sanitary & Ship Canal, MWRD Property, Cook County Forrest Preserve, Des Plaines River, BNSF RR, Santa Fe Drive, and the 75th Street Ramps, replacement of portions of bridge numbers 183 and 184 carrying I-294 over LaGrange Road, reconstruction of portions of the 75th Street ramps, performance based noise and retaining walls, cofferdams and causeways, detention pond and other drainage improvements, temporary soil retention, fire protection system, demolition of structures, protective shield, temporary erosion and sediment control, and Maintenance of Traffic.

The services will be performed within the: Tri-State Tollway (I-294) between Mile Post 20.7 and Mile Post 22.3 in Cook County, Illinois.

The undersigned declares that the Advertisement for Sealed Bids, Instructions to Bidders, this Bid Form, IDOT Standard Specifications, Tollway Supplemental Specifications, Special Provisions, Plans, Addenda to the foregoing (if any), form of Agreement, forms of Contract Bonds, and other exhibits (if any), on file at the office of The Illinois State Toll Highway Authority have been carefully examined, and that the undersigned has inspected in detail the site of the proposed Work, and familiarized itself with all of the conditions affecting the Contract, and that has satisfied itself as to The Work to be done and the conditions under which it must be carried out, and understands that in submitting this Bid waives all rights to plead any misunderstanding regarding the same.

The undersigned hereby tenders this Bid to construct and complete said Work in accordance with the Plans, IDOT Standard Specifications, Tollway Supplemental Specifications (if any), and the accompanying Special Provisions now on file in the office of The Illinois State Toll Highway Authority, and the following addenda issued thereto:

Addendum No. _____ Date_____

Addendum No. _____ Date_____

Addendum No. _____ Date_____

Addendum No. _____ Date _____

The undersigned further agrees to furnish all necessary transportation, machinery, equipment, tools, labor and other means of construction; and to do all the work and to furnish all of the materials specified in the Contract in the manner and at the times prescribed under the supervision and direction of the Authority or its authorized representatives, for the lump sums and unit prices quoted in the following Schedule of Price.

S.P. 103 CONTRACT COMPLETION DATE, SUBSTANTIAL AND INTERIM COMPLETION DATES

S.P. 103.1 CONTRACT COMPLETION DATE

The Contractor shall complete all work under this Agreement for the performance of Contract I-18-4430 on or before 11:59 p.m. on **November 25, 2020** and as specified in Article 108.05 of the Illinois Tollway Supplemental Specifications.

S.P. 103.2 SUBSTANTIAL COMPLETION DATE

The Contractor shall have completed all roadway and bridge work, shoulder work, installation of permanent pavement markings, installation of permanent signing, installation of permanent lighting and establishment of the traffic lanes to the final proposed traffic lane configuration such that permanent lane closures are no longer required under this Agreement for the performance of Contract I-18-4430 on or before 11:59 p.m. on **November 9, 2020**.

S.P. 103.3 INTERIM COMPLETION DATE

Tree removal is vital to utility relocation work on this contract and is considered included in the critical path. The clearing of trees within the right-of-way will allow utility companies access of the available right-of-way for the purpose of utility relocations. The Contractor shall begin tree removal no later than 10 days after the Notice to Proceed. All tree removal work shall be completed no later than 60 calendar days after the Notice to Proceed date.

The Contractor will be permitted access through the Village of Willow Springs neighborhood located south of the I&M Canal and I-294, West of LaGrange Rd, and North of Archer Ave., via Beverly Lane and Vana St. access points on WB Archer Ave. This access shall be permitted for a time period not to exceed 180 calendar days from the contractors first use of said access, and shall be in accordance with the hours provided in SP 109.

Temporary traffic control including all the temporary pavement markings, signage, and traffic control devices shall be set up and constructed as shown in the Stage 1 Maintenance of Traffic Plan on or before **September 7, 2019**. This traffic configuration shall not be modified prior to **May 22, 2020**.

S.P. 104 NOTICE TO PROCEED/COMMENCEMENT OF ON-SITE WORK

In accordance with Article 103.08 of the Illinois Tollway Supplemental Specifications, it is anticipated the Notice to Proceed will be issued after the Contract is approved by all parties; including a work commencement date no earlier than **June 12, 2019**. The Illinois Tollway will not issue the Notice to Proceed until all documents required by the Contract, including bonding and insurance requirements, are submitted by the Contractor and approved by the Illinois Tollway. A Time Extension Request shall not be considered should the Notice to Proceed be delayed due to the failure of the Contractor to submit contract documents in compliance with the specified requirements. There shall be no

ADDENDUM NO. 2
TO
CONTRACT REQUIREMENTS
FOR CONTRACT I-18-4430
ILLINOIS STATE TOLL HIGHWAY AUTHORITY

Date: FEBRUARY 19, 2019

For which proposals will be received by the Illinois State Toll Highway Authority at its offices, 2700 Ogden Avenue, Downers Grove, Illinois 60515 until 10:30 A.M. local time, **March 14, 2019.**

NOTICE OF REVISION TO CONTRACT

NOTES:

1. A complete set of Schedule of Prices is included with this Addendum and must be inserted into the Contract Proposal by the Bidder. The Bidder's attention is called to pages P-5R, P-8R, P-9R, P-15R, P-21R, P-34R and P-44R which have been revised and included as part of the Schedule of Prices.

2. The following revised Special Provision pages are included with this Addendum: J-xiR, J-1R, J-2R, J-24R, J-29R, J-33R, J-80R, J-81R, J-83R, J-101R, J-102R, J-192R, J-568R, J-574R, J-814R through J-821R, and J-923R

3. The following new Special Provision pages are included with this Addendum: J-80A, J-80B, and WALLSGR-175A through WALLSGR-175Y

4. The following revised Contract Drawings are included with this Addendum:
   Volume 1 – Drawings 84, 237, and 244 through 248
   Volume 3 – Drawings 544, 545, 547, 548, 552, 586, 591, 621, 622, 634 through 636, 643, and 664 through 666
   Volume 6 – Drawings 1237, 1247, 1248, 1307, 1310 and 1380

5. The following new Contract Drawings are included with this Addendum:
   Volume 6 – Drawings 1389A through 1389T

6. Revised Contract Drawings 10, 11, 13 and 15 will be issued to the successful Bidder. The revised drawings will reflect the quantity changes shown in the "Summary of Revisions to Pay Item Quantities" table included in this addendum.

7. The following revised Contract Drawings will be issued to the successful Bidder.
   Volume 3 – Drawings 560, 561, 612, 614, 616, 618, 620, 624, 626, 628, 630, 632, 637 through 639, 641, 644, 647, 650, 652, 654, 656, 657, 659, 662, 668, 671, 673 through 675
   Volume 5 – Drawings 1099, 1132 and 1135
   Volume 6 – Drawing 1392

8. The presentation from the Optional Pre-Bid Meeting held on February 14, 2019 can be found at the following link:
   https://www.illinoistollway.com/documents/20184/741047/Final+Presentation-with+edits.pdf

   The sign in sheet from the Optional Pre-Bid Meeting held on February 14, 2019 is included in this Addendum.

9. Responses to Plan Holder questions are included in this Addendum.

CHANGES TO THE SCHEDULE OF PRICES

SUMMARY OF REVISIONS TO PAY ITEMS QUANTITIES

SP PROV	PAY ITEM NO.	DESCRIPTION	UNIT	ORIGINAL QUANTITIY	CHANGE	NEW QUANTITIY
	31100200	SUBBASE GRANULAR MATERIAL, TYPE A	CU YD	855	4	859
	50200100	STRUCTURE EXCAVATION	CU YD	26,530	6	26,536
	50300225	CONCRETE STRUCTURES	CU YD	4,989	-180	4,809
	50800105	REINFORCEMENT BARS	POUND	938,520	3,070	941,590
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,954,050	3,370	1,957,420
	50800515	BAR SPLICERS	EACH	476	-64	412
GBSP	51603000	DRILLED SHAFT IN SOIL	CU YD	3,548	46	3,594
GBSP	51604000	DRILLED SHAFT IN ROCK	CU YD	959	11	970
	52100560	ANCHOR BOLTS, 2"	EACH	120	-40	80
GBSP	X0320051	CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	21,295	-15,256	6,039
*	JI503230	MASS CONCRETE STRUCTURES	CU YD	7,036	206	7,242
*	JT508010	REINFORCEMENT BARS, STAINLESS STEEL	POUND	6,138,930	900	6,139,830

* Denotes Special Provision

Change #1: Contract requirements, Volume I, replace pages P-5, P-8, P-9, P-15, P-21, and P-34 with pages P-5R, P-8R, P-9R, P-15R, P-21R, P-34R and P-44R (attached). This replacement contains the following revisions:

1.1 Revised quantities as noted in the SUMMARY OF REVISIONS TO PAY ITEMS QUANTITIES table above.

1.2 Replaced "ECP BID CREDIT" with "BID CREDIT"

CHANGES TO THE CONTRACT SPECIAL PROVISIONS

Change #2: Contract requirements, Volume II-VIII, replace page J-xi with page J-xiR (attached). This replacement contains the following revisions:

2.1 Updated Table of Contents to show added pages for Noise Abatement Wall 1E Technical Memorandum

2.2 Corrected "SGR" spelling for Noise Abatement Wall 1D Table of Contents entry

Change #3: Contract requirements, Volume II, replace page J-1 and J-2 with J-1R and J-2R (attached). This replacement contains the following revisions:

3.1 Added Water Main Relocations, Roadway Lighting, Fire Protection System, and Partial Asphalt Overlay and Parapet Modifications on SB Mile Long Bridge to work included in contract

3.2 Added Utility Protection to work which requires design by the Contractor

Change #4: Contract requirements, Volume II, replace page J-24 with J-24R (attached). This replacement contains the following revisions:

4.1 Revised language for notifying Utility Companies prior to start of work

4.2 Revised requirements for submitting work plan to Utility Companies prior to commencing work

4.3 Removed erroneous bullet point in list of items to include in Work Plan

Change #5: Contract requirements, Volume II, replace page J-29 with J-29R (attached). This replacement contains the following revisions:

5.1 Revised contact phone number for West Suburban Water Commission

Change #6: Contract requirements, Volume II, replace page J-33 with J-33R (attached). This replacement contains the following revisions:

6.1 Added Watermain relocation requirements for Coordination With The Village of Hodgkins

Change #7: Contract requirements, Volume II, replace page J-80 with J-80R (attached). This replacement contains the following revisions:

7.1 Replaced the BNSF Application for Temporary Occupancy with BNSF Private Crossings Process Instructions

Change #8: Contract requirements, Volume II, add the new pages J-80A and J-80B (attached). This addition contains the following information:

8.1 BNSF Application for Permanent Private Crossing

8.2 BNSF Application for Temporary Private Crossing

Change #9: Contract requirements, Volume II, replace page J-81 with J-81R (attached). This replacement contains the following revisions:

9.1 Replaced Nicole Nutter with David McGibbon as the contact individual

Change #10: Contract requirements, Volume II, replace page J-83 with J-83R (attached). This replacement contains the following revisions:

10.1 Revised clearances listed in 1.03.04

Change #11: Contract requirements, Volume II, replace page J-101 and J-102 with J-101R and J-102R (attached). This replacement contains the following revisions:

11.1 Revised the language for Additional BNSF Requirements

Change #12: Contract requirements, Volume II, replace page J-192 with J-192R (attached). This replacement contains the following revisions:

12.1 Added Pay Item and Designation JS734G10 FOUNDATION FOR ITS GANTRY FRAME and list of incidental work to the table.

12.2 Deleted "at LaGrange Road Bridge" from Pay Item and Designation JT508010 REINFORCEMENT BARS, STAINLESS STEEL in the incidental work.

Change #13: Contract requirements, Volume III, replace page J-568 with J-568R (attached). This replacement contains the following revisions:

13.1 Removed language referring to the Illinois Tollway Lane Closure Guide.

Change #14: Contract requirements, Volume III, replace page J-574 with J-574R (attached). This replacement contains the following revisions:

14.1 Modified material specification references: rather than a general reference that the junction box shall comply with Article 1088, specific references to Articles 1088.04 and 1088.03 are made.

Change #15: Contract requirements, Volume IV, replace page J-814 through J-821 with J-814R through J-821R (attached). This replacement contains the following revisions:

15.1 Updates the **JOINTED PLAIN CONCRETE PAVEMENT FOR COMPOSITE PAVEMENT** special provision Equipment, Construction Requirements and Method of Measurement to be the Illinois Tollway version revised January 28, 2019.

Change #16: Contract Requirements, Volume IV, replace page J-923 with J-923R (attached). This replacement contains the following revisions:

16.1 Modified material specification references: rather than a general reference that the junction box shall comply with Article 1088, specific references to Articles 1088.04 and 1088.03 are made.

Change #17: Contract requirements, Volume VI, add new pages WALLSGR-175A through WALLSGR-175Y (attached). This addition contains the following revisions:

17.1 Added Technical Memorandum for Noise Abatement Wall 1E Geotechnical Recommendations.

CHANGES TO THE CONTRACT DRAWINGS

Change #18: Contract Plans, Volume 1, Drawing 84 – MOT Details (attached). This drawing contains the following revisions:

18.1 Added Portland cement concrete detail for Temporary Pavement, Class 1.

18.2 Added Portland cement concrete detail for Temporary Pavement, Class 2.

18.3 Deleted letter "B" from Temporary Pavement, Class 3, PCC detail.

18.4 Revised temporary pavement note #1 in order to update temporary pavement type selection requirements.

Change #19: Contract Plans, Volume 1, Drawing 237 – Utility Plan (attached). This drawing contains the following revisions:

19.1 Nicor gas line at Rust Trail added to Utility Plan

Change #20: Contract Plans, Volume 1, Drawings 244 through 248 – Utility Matrix (attached). This drawing contains the following revisions:

20.1 Utility conflict numbers added to the Utility Matrix

20.2 Updated Village of Burr Ridge water main to be watched and protected

20.3 Nicor gas line at Rust Trail added to the Utility Matrix

Change #21: Contract Plans, Volume 3, Drawing 544 – Proposed Structures Layout and Suggested Contractor Access 1 (attached). This drawing contains the following revision:

21.1 Callout added for Noise Abatement Wall 1E

Change #22: Contract Plans, Volume 3, Drawing 545 – Proposed Structures Layout and Suggested Contractor Access 2 (attached). This drawing contains the following revisions:

22.1 Callouts added for existing BNSF Communication Tower and MOW Building

Change #23: Contract Plans, Volume 3, Drawings 547 and 548 – General Plan and Elevation Units 2 and 3 (attached). These drawings contain the following revision:

23.1 Revised size of drilled shafts at Pier 5

Change #24: Contract Plans, Volume 3, Drawing 552 – General Plan and Elevation Unit 7 (attached). This drawing contains the following revisions:

24.1 Revised location of existing BNSF Communication Tower

24.2 Revised size of drilled shafts at Pier 23

Change #25: Contract Plans, Volume 3, Drawings 560 and 561 – Total Bill of Material (The revised drawings will be issued to the successful bidder). These drawings contain the following revisions:

25.1 Revised quantities for Subbase Granular Material, Type A; Structure Excavation; Concrete Structures; Reinforcement Bars; Reinforcements Bars, Epoxy Coated; Bar Splicers; Drilled Shaft in Soil; Drilled Shaft in Rock, Crosshole Sonic Logging Access Ducts; Mass Concrete Structures and Reinforcement Bars, Stainless Steel.

Change #26: Contract Plans, Volume 3, Drawing 562 – General Notes (The revised drawing will be issued to the successful bidder). This drawing contains the following revision:

26.1 Structural Steel Note No. 18 is deleted in its entirety.

Change #27: Contract Plans, Volume 3, Drawing 586 – Foundation Layout - Unit 2 (attached). This drawing contains the following revision:

27.1 Revised size of drilled shafts at Pier 5

Change #28: Contract Plans, Volume 3, Drawings 587 & 590 – Foundation Layout - Units 3 and 6 (The revised drawings will be issued to the successful bidder). This drawing contains the following revision:

28.1 Revise note 1 to read; "Construction of causeways and foundations shall be coordinated with all utilities to be relocated, see SP 104.1 and SP 106.13."

Change #29: Contract Plans, Volume 3, Drawing 591 – Foundation Layout - Unit 7 (attached). This drawing contains the following revisions:

29.1 Revised size of drilled shafts and rock sockets at Pier 23

29.2 Revise note 4 to read; "Construction of causeways and foundations shall be coordinated with all utilities to be relocated, see SP 104.1 and SP 106.13."

Change #30: Contract Plans, Volume 3, Drawings 612, 614, 616, 618, 620, 624, 626, 628, 630, 641, 652, 654, 659, 662, 668 and 671 – North Abutment and Piers 1 thru 4; 6 thru 9; 14, 18, 19, 21, 22, 24 and 25 Details (The revised drawings will be issued to the successful bidder). These drawings contain the following revision:

30.1 Revised quantity for Crosshole Sonic Logging Access Ducts

Change #31: Contract Plans, Volume 3, Drawing 621 – Pier 5 Elevation (attached). This drawing contains the following revisions:

31.1 Revised size of drilled shafts

31.2 Revised pitch for spiral reinforcing and bar clearance

Change #32: Contract Plans, Volume 3, Drawing 622 – Pier 5 Details (attached). This drawing contains the following revisions:

32.1 Revised size of drilled shafts and bar clearance

32.2 Revised quantity for Reinforcement Bars

32.3 Revised quantity for Drilled Shaft in Soil

32.4 Revised quantity for Crosshole Sonic Logging Access Ducts

Change #33: Contract Plans, Volume 3, Drawing 632 – Pier 10 Details (The revised drawing will be issued to the successful bidder). This drawing contains the following revisions:

33.1 Revised quantity for Structure Excavation
33.2 Revised quantity for Concrete Structures
33.3 Revised quantity for Drilled Shaft in Soil
33.4 Revised quantity for Crosshole Sonic Logging Access Ducts

Change #34: Contract Plans, Volume 3, Drawing 634– Pier 11 Details (attached). This drawing contains the following revisions:

34.1 Revised reinforcement bar schedule
34.2 Revised quantity for Structure Excavation
34.3 Revised quantity for Concrete Structures
34.4 Revised quantity for Drilled Shaft in Soil
34.5 Revised quantity for Crosshole Sonic Logging Access Ducts

Change #35: Contract Plans, Volume 3, Drawing 635 – Pier 12 Elevation (attached). This drawing contains the following revisions:

35.1 Revised pitch for spirals
35.2 Revised spiral to pair of spirals

Change #36: Contract Plans, Volume 3, Drawing 636 – Pier 12 Details (attached). This drawing contains the following revisions:

36.1 Revised spiral to pair of spirals
36.2 Revised bar counts and size
36.3 Revised quantity for Structure Excavation
36.4 Revised quantity for Concrete Structures
36.5 Revised quantity for Reinforcement Bars; Bar Splicers and Reinforcement Bars, Stainless Steel
36.6 Revised quantity for Crosshole Sonic Logging Access Ducts

Change #37: Contract Plans, Volume 3, Drawings 637 and 639 – Pier 13 Elevation and Details 2 (The revised drawings will be issued to the successful bidder). This drawing contains the following revision:

37.1 Revised size of PJF

Change #38: Contract Plans, Volume 3, Drawing 638 – Pier 13 Details 1 (The revised drawing will be issued to the successful bidder). This drawing contains the following revisions:

38.1 Revised bar count for stirrup bars
38.2 Revised quantity for Reinforcement Bars, Epoxy Coated
38.3 Revised quantity for Crosshole Sonic Logging Access Ducts

Change #39: Contract Plans, Volume 3, Drawing 643 – Pier 15 Elevation (attached). This drawing contains the following revision:

39.1 Revised number of stirrup sets

Change #40: Contract Plans, Volume 3, Drawing 644 – Pier 15 Details 1 (The revised drawing will be issued to the successful bidder). This drawing contains the following revisions:

40.1 Revised bar count for stirrup bars
40.2 Revised quantity for Reinforcement Bars, Epoxy Coated
40.3 Revised quantity for Crosshole Sonic Logging Access Ducts

Change #41: Contract Plans, Volume 3, Drawing 647 – Pier 16 Details 1 (The revised drawing will be issued to the successful bidder). This drawing contains the following revisions:

41.1 Revised bar count for stirrup bars
41.2 Revised quantity for Reinforcement Bars, Epoxy Coated
41.3 Revised quantity for Crosshole Sonic Logging Access Ducts

Change #42: Contract Plans, Volume 3, Drawing 650 – Pier 17 Details (The revised drawing will be issued to the successful bidder). This drawing contains the following revisions:

42.1 Revised bar count for stirrup bars
42.2 Revised quantity for Reinforcement Bars, Stainless Steel
42.3 Revised quantity for Crosshole Sonic Logging Access Ducts

Change #43: Contract Plans, Volume 3, Drawing 656 – Pier 20 Elevation (The revised drawing will be issued to the successful bidder). This drawing contains the following revision:

43.1 Revised pitch of spiral reinforcement

Change #44: Contract Plans, Volume 3, Drawing 657 – Pier 20 Details (The revised drawing will be issued to the successful bidder). This drawing contains the following revisions:

44.1 Revised quantity for Reinforcement Bars
44.2 Revised quantity for Crosshole Sonic Logging Access Ducts

Change #45: Contract Plans, Volume 3, Drawing 664 – Pier 23 Elevation (attached). This drawing contains the following revisions:

45.1 Revised size of columns,
45.2 Revised size of drilled shafts and rock sockets
45.3 Revised cap and crash wall dimensions
45.4 Revised size of PJF

Change #46: Contract Plans, Volume 3, Drawing 665 – Pier 23 Details 1 (attached). This drawing contains the following revisions:

46.1 Revised size of columns
46.2 Revised size of drilled shafts and rock sockets
46.3 Revised bar spacing in sections of cap
46.4 Revised reinforcement bars: counts and lengths
46.5 Revised quantities for Subbase Granular Material, Type A; Structure Excavation; Concrete Structures; Reinforcement Bars; Reinforcements Bars, Epoxy Coated; Drilled Shaft in Soil; Drilled Shaft in Rock; Crosshole Sonic Logging Access Ducts and Mass Concrete Structures

Change #47: Contract Plans, Volume 3, Drawing 666 – Pier 23 Details 2 (attached). This drawing contains the following revisions:

47.1 Revised crash wall dimensions
47.2 Revised number and spacing of reinforcement bars
47.3 Revised size of PJF

Change #48: Contract Plans, Volume 3, Drawings 673 and 675 – Pier 26 Elevation and Details 2 (The revised drawings will be issued to the successful bidder). These drawings contains the following revision:

48.1 Revised size of PJF

Change #49: Contract Plans, Volume 3, Drawing 674 – Pier 26 Details 1 (The revised drawing will be issued to the successful bidder). This drawing contains the following revisions:

49.1 Revised bar count for stirrup bars

49.2 Revised quantity for Reinforcement Bars, Epoxy Coated

49.3 Revised quantity for Crosshole Sonic Logging Access Ducts

Change #50: Contract Plans, Volume 5, Drawing 1099 – Total Bill of Material (The revised drawing will be issued to the successful bidder). This replacement contains the following revisions to:

50.1 Revised quantity for Crosshole Sonic Logging Access Ducts

Change #51: Contract Plans, Volume 5, Drawing 1132 – Northbound Pier Details (The revised drawing will be issued to the successful bidder). This drawing contains the following revisions:

51.1 Revised quantity for Crosshole Sonic Logging Access Ducts

Change #52: Contract Plans, Volume 5, Drawing 1135 – Southbound Pier Details (The revised drawing will be issued to the successful bidder). This drawing contains the following revisions:

52.1 Revised quantity for Crosshole Sonic Logging Access Ducts

Change #53: Contract Plans, Volume 6, Drawing 1237 – Existing Bridge (Br. No. 192) Modifications (attached). This drawing contains the following revisions:

53.1 Revised callout regarding existing overlay

Change #54: Contract Plans, Volume 6, Drawing 1247 – ITS Gantry (attached). This drawing contains the following revisions:

54.1 Removed anchor bolts pay item in Total Bill of Material for Gantry 1 and Gantry 2

54.2 Revised Base Plate Table related to anchor bolts diameter

Change #55: Contract Plans, Volume 6, Drawing 1248 – ITS Gantry (attached). This drawing contains the following revisions:

55.1 Added missing dimension related to drilled shaft

55.2 Revised Recommended Positioning Plate and Anchor Plate detail related to anchor bolt edge distance

55.3 Revised notes related to anchor bolt and anchor plate

55.4 Boxed information related to the applicable span length in the Shoulder Foundation Type I Schedule and the Shoulder Foundation Type I Table

Change #56: Contract Plans, Volume 6, Drawing 1307 – Retaining Walls – LaGrange Rd. N. Abut. General Plan and Elevation (attached). This drawing contains the following revision:

56.1 A NICOR gas line was added to the plan view, intersecting retaining wall TS20.88R, SB near Station 5107+30.

Change #57: Contract Plans, Volume 6, Drawing 1310 – Retaining Walls – LaGrange Rd. N. Abut. Unfolded Elevation (attached). This drawing contains the following revision:

57.1 A NICOR gas line was added to the elevation view of Performance Based Retaining Wall, Location 1 near Station 5107+30 with the note "ADJUST LEVELING PAD AS REQUIRED FOR NICOR GAS LINE".

Change #58: Contract Plans, Volume 6, Drawing 1380 – Noise Abatement Wall (attached). This drawing contains the following revisions:

58.1 Revised Index of Sheets

58.2 Revised sheet border logo from HDR to Bowman

Change #59: Contract Plans, Volume 6, Drawings 1389A to 1389T – Noise Abatement Wall (attached). These new drawings contain the following:

59.1 Soil boring logs for noise abatement walls 1A, 1C, 1D, 1E, 3A, 3B and 3C

Change #60: Contract Plans, Volume 6, Drawing 1392 – Existing Bridge Modifications General Notes (The revised drawing will be issued to the successful bidder). This drawing contains the following revisions:

60.1 Revised pay item number for Temporary Light Pole Support changed from "JI900222" to "JT900222"

END OF ADDENDUM CHANGES

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	571		
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	649		
*	20100500	TREE REMOVAL, ACRES	ACRE	10		
	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	500		
	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	250		
*	20200100	EARTH EXCAVATION	CU YD	67,020		
*	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	6,675		
	20400800	FURNISHED EXCAVATION	CU YD	114,635		
	20700220	POROUS GRANULAR EMBANKMENT	CU YD	8,934		
	20800150	TRENCH BACKFILL	CU YD	6,227		
	21400100	GRADING AND SHAPING DITCHES	FOOT	1,790		
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,071		
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	3,213		
	25000750	MOWING	ACRE	61		
	25100127	MULCH, METHOD 3A	ACRE	61		
	30201500	LIME	TON	200		
	30201600	FLY ASH	TON	200		
	31100200	SUBBASE GRANULAR MATERIAL, TYPE A	CU YD	859		

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	1,972		
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	2,696		
	35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	7,116		
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	3,767		
	35800100	PREPARATION OF BASE	SQ YD	7,368		
	35800200	AGGREGATE BASE REPAIR	TON	55		
	40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	7,395		
	40200700	AGGREGATE SURFACE COURSE, TYPE A 8"	SQ YD	274		
	40300400	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	TON	1		
	40300600	SEAL COAT AGGREGATE	TON	3		
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1,186		
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5		
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,460		
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	503		
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1,673		
	42001300	PROTECTIVE COAT	SQ YD	20,987		
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	167		
	44000100	PAVEMENT REMOVAL	SQ YD	29,395		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	60		
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	188		
	44000400	GUTTER REMOVAL	FOOT	2,748		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	613		
	44001980	CONCRETE BARRIER REMOVAL	FOOT	77		
	44004000	PAVED DITCH REMOVAL	FOOT	1,460		
	44004250	PAVED SHOULDER REMOVAL	SQ YD	28,725		
	44200569	CLASS A PATCHES, TYPE III, 11 INCH	SQ YD	50		
	44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	67		
	44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	118		
	48100300	AGGREGATE SHOULDERS, TYPE A 4"	SQ YD	453		
	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	209		
	50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1		
	50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1		
	50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1		
	50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1		
	50102400	CONCRETE REMOVAL	CU YD	93		
	50104400	CONCRETE HEADWALL REMOVAL	EACH	14		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	50105220	PIPE CULVERT REMOVAL	FOOT	65		
	50157300	PROTECTIVE SHIELD	SQ YD	46,334		
	50200100	STRUCTURE EXCAVATION	CU YD	26,536		
	50200300	COFFERDAM EXCAVATION	CU YD	340		
	50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	5,697		
	50201121	COFFERDAM (TYPE 2) (LOCATION - 1)	EACH	1		
	50201122	COFFERDAM (TYPE 2) (LOCATION - 2)	EACH	1		
	50201123	COFFERDAM (TYPE 2) (LOCATION - 3)	EACH	1		
	50300225	CONCRETE STRUCTURES	CU YD	4,809		
	50300255	CONCRETE SUPERSTRUCTURE	CU YD	1,718		
	50300265	SEAL COAT CONCRETE	CU YD	193		
	50300300	PROTECTIVE COAT	SQ YD	63,040		
	50500505	STUD SHEAR CONNECTORS	EACH	36,528		
	50800105	REINFORCEMENT BARS	POUND	941,590		
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,957,420		
	50800515	BAR SPLICERS	EACH	412		
	50800530	MECHANICAL SPLICERS	EACH	1,180		
	51100100	SLOPE WALL 4 INCH	SQ YD	660		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	51201400	FURNISHING STEEL PILES HP10X42	FOOT	4,961		
	51201800	FURNISHING STEEL PILES HP14X73	FOOT	2,076		
	51201900	FURNISHING STEEL PILES HP14X89	FOOT	3,816		
	51202000	FURNISHING STEEL PILES HP14X102	FOOT	4,849		
	51202305	DRIVING PILES	FOOT	15,702		
	51203400	TEST PILE STEEL HP10X42	EACH	6		
	51203800	TEST PILE STEEL HP14X73	EACH	1		
	51203900	TEST PILE STEEL HP14X89	EACH	2		
	51204000	TEST PILE STEEL HP14X102	EACH	4		
	51204650	PILE SHOES	EACH	369		
	51602000	PERMANENT CASING	FOOT	2,406		
GBSP	51603000	DRILLED SHAFT IN SOIL	CU YD	3,594		
GBSP	51604000	DRILLED SHAFT IN ROCK	CU YD	970		
	52000110	PREFORMED JOINT STRIP SEAL	FOOT	231		
	52100520	ANCHOR BOLTS, 1"	EACH	1,120		
	52100540	ANCHOR BOLTS, 1 1/2"	EACH	88		
	52100560	ANCHOR BOLTS, 2"	EACH	80		
	52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	3,338		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2		
	54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	1		
	54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	1		
	54010603	PRECAST CONCRETE BOX CULVERTS 6' X 3'	FOOT	354		
	54010604	PRECAST CONCRETE BOX CULVERTS 6' X 4'	FOOT	47		
	54215460	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 60"	EACH	1		
	54248510	CONCRETE COLLAR	CU YD	2		
	5425A066	PIPE CULVERTS, CLASS A, TYPE 5 66" (TEMPORARY)	FOOT	110		
BDE	54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	78		
BDE	54263272	CONCRETE END SECTION, STANDARD 542011, 72", 1:2	EACH	1		
	542A3415	PIPE CULVERTS, CLASS A, TYPE 5 60"	FOOT	38		
	542C5497	PIPE CULVERTS, CLASS C, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	116		
*	542JA048	PIPE CULVERTS, CLASS A 48" (JACKED)	FOOT	498		
*	542JA060	PIPE CULVERTS, CLASS A 60" (JACKED)	FOOT	352		
*	542JC048	PIPE CULVERTS, CLASS C 48" (JACKED)	FOOT	90		
	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	237		
	550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	11		
	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	89		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	170		
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	68		
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	669		
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	1,051		
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	773		
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	373		
	550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	417		
	550A0490	STORM SEWERS, CLASS A, TYPE 2 54"	FOOT	235		
	550A0680	STORM SEWERS, CLASS A, TYPE 3 18"	FOOT	58		
	550A1000	STORM SEWERS, CLASS A, TYPE 4 21"	FOOT	101		
	550A1010	STORM SEWERS, CLASS A, TYPE 4 24"	FOOT	205		
	550A4750	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 72"	FOOT	239		
	55100200	STORM SEWER REMOVAL 6"	FOOT	45		
	55100300	STORM SEWER REMOVAL 8"	FOOT	56		
	55100500	STORM SEWER REMOVAL 12"	FOOT	1,615		
	55100700	STORM SEWER REMOVAL 15"	FOOT	1,188		
	55100900	STORM SEWER REMOVAL 18"	FOOT	456		
	55101200	STORM SEWER REMOVAL 24"	FOOT	566		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	55101600	STORM SEWER REMOVAL 36"	FOOT	42		
	55101800	STORM SEWER REMOVAL 42"	FOOT	64		
	55102000	STORM SEWER REMOVAL 54"	FOOT	267		
	55102400	STORM SEWER REMOVAL 78"	FOOT	233		
*	55201500	STORM SEWERS JACKED IN PLACE, 42"	FOOT	438		
*	55201600	STORM SEWERS JACKED IN PLACE, 48"	FOOT	421		
*	56105000	WATER VALVES 8"	EACH	1		
*	56105410	WATER VALVES 20"	EACH	1		
*	56400825	FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE	EACH	6		
	58000100	MEMBRANE WATERPROOFING	SQ FT	4,270		
	58700300	CONCRETE SEALER	SQ FT	64,702		
	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	844		
	60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4		
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	5		
	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1		
*	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	25		
*	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		
*	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	10		

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*	60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5		
*	60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4		
*	60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		
*	60249010	VALVE VAULTS, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2		
	60253000	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	14		
	60253100	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4		
	60500040	REMOVING MANHOLES	EACH	15		
	60500050	REMOVING CATCH BASINS	EACH	4		
	60500060	REMOVING INLETS	EACH	10		
	60500105	FILLING MANHOLES	EACH	3		
*	60603900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)	FOOT	178		
	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2		
	63200310	GUARDRAIL REMOVAL	FOOT	4,638		
	64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2		
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	14,020		
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	492		
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	1,080		
BDE	70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	187		

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BDE	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	160,640		
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1,875		
	70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1		
	70600280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,NARROW), TEST LEVEL 3	EACH	3		
	70600370	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, NARROW), TEST LEVEL 3	EACH	7		
	73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	5		
	73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	8		
	73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	8		
	73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	10		
	78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	83		
	78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	143,130		
	78200006	GUARDRAIL REFLECTORS, TYPE B	EACH	2		
	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	52		
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	41		
	81028720	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.	FOOT	525		
	81100800	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., GALVANIZED STEEL	FOOT	20		
	81200215	CONDUIT EMBEDDED IN STRUCTURE, 1 1/4" DIA., PVC	FOOT	4,922		
	81300900	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 20" X 16" X 6"	EACH	6		

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	81603081	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	775		
	81800150	AERIAL CABLE, 3-1/C NO. 3/0 WITH MESSENGER WIRE	FOOT	162		
	81800340	AERIAL CABLE, 3-1/C NO. 8 WITH MESSENGER WIRE	FOOT	1,871		
	81800400	AERIAL CABLE, 4-1/C NO. 2 WITH MESSENGER WIRE	FOOT	11,318		
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	401		
	83700300	LIGHT TOWER FOUNDATION, 48" DIAMETER	FOOT	27		
	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	3		
	84200804	REMOVAL OF POLE FOUNDATION	EACH	7		
	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	5		
	87900200	DRILL EXISTING HANDHOLE	EACH	19		
	89502380	REMOVE EXISTING HANDHOLE	EACH	14		
GBSP	X0320051	CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	6,039		
GBSP	X0320052	CROSSHOLE SONIC LOGGING TESTING	EACH	158		
*	X0322916	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	5		
*	X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	5		
*	X0322918	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	15		
*	X0322924	RETAINING WALL REMOVAL	SQ FT	6,388		
*	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	13		

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*	X0323814	SANITARY SEWER REMOVAL, 18"	FOOT	137		
*	X0323868	DRAINAGE RESTRICTOR	EACH	1		
*	X0325349	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	FOOT	1,888		
*	X0325815	REMOVE EXISTING CABLE	FOOT	12,886		
*	X0326358	STORM WATER TREATMENT SYSTEM	EACH	4		
*	X0326458	PAVEMENT REPLACEMENT, SPECIAL	SQ YD	108		
*	X0326659	CURED-IN-PLACE PIPE LINER, 18"	FOOT	326		
*	X0326661	CURED-IN-PLACE PIPE LINER, 21"	FOOT	66		
*	X0327357	CONSTRUCTION VIBRATION MONITORING	L SUM	1		
*	X0327786	CURED-IN-PLACE PIPE LINER, 15"	FOOT	232		
*	X0487800	SANITARY SEWER REMOVAL 12"	FOOT	92		
*	X0900029	TEMPORARY SUPPORT SYSTEM (TO REMAIN IN PLACE)	EACH	1		
*	X1200042	MANHOLES, TYPE A, 9'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	EACH	1		
*	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	502		
GBSP	X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	47,526		
*	X5030290	STAINING CONCRETE STRUCTURES	SQ FT	898		
*	X5041800	CONCRETE ANCHORS	EACH	16		
*	X5210130	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 300K	EACH	22		

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*	X5210140	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 350K	EACH	49		
*	X5210150	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 400K	EACH	84		
*	X5210160	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 450K	EACH	57		
*	X5210380	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 900K	EACH	11		
*	X5210790	HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 300K	EACH	12		
*	X5428860	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 60" (SPECIAL)	EACH	2		
*	X5538700	STORM SEWERS TO BE CLEANED 42"	FOOT	148		
*	X5538900	STORM SEWERS TO BE CLEANED 54"	FOOT	600		
*	X5610706	WATER MAIN REMOVAL, 6"	FOOT	90		
*	X5630006	CUT AND CAP EXISTING 6" WATER MAIN	EACH	1		
*	X5630008	CUT AND CAP EXISTING 8" WATER MAIN	EACH	1		
*	X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	2		
*	X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3		
*	X6026622	VALVE VAULTS TO BE REMOVED	EACH	2		
*	X6640525	CHAIN LINK FENCE, 4' ATTACHED TO STRUCTURE	FOOT	1,000		
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		
BDE	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	45,527		
*	X7330091	CONDUIT CONNECTION CAP	EACH	28		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	X8130125	REMOVE EXISTING JUNCTION BOX	EACH	21		
*	X8211000	UNDERPASS LUMINAIRE (SPECIAL)	EACH	18		
*	X8420111	REMOVAL OF UNDERPASS LIGHTING UNIT, NO SALVAGE	EACH	14		
*	X8951011	REMOVE AERIAL CABLE	FOOT	570		
*	Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	5		
GBSP	Z0021908	SILICONE JOINT SEALER, 2"	FOOT	21		
*	Z0023500	FILLING EXISTING CULVERTS	CU YD	552		
*	Z0026400	FURNISHING AND PLACING SAND FILL	CU YD	150		
*	Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	57,790		
D1	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	103		
D1	Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	19		
*	Z0034212	MECHANICALLY STABILIZED EARTH RETAINING WALL, SPECIAL	SQ FT	6,860		
GBSP	Z0034396	MODULAR EXPANSION JOINT 12"	FOOT	368		
GBSP	Z0034398	MODULAR EXPANSION JOINT 15"	FOOT	184		
*	Z0044298	PRESSURE CONNECTION TO EXISTING WATER MAIN	EACH	3		
GBSP	Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	1,632		
*	Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	44		
*	Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	24		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	253		
*	Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	235		
*	Z0056631	STORM SEWER (WATER MAIN REQUIREMENTS) EQUIVALENT ROUND-SIZE 24 INCH	FOOT	137		
*	Z0057300	SANITARY SEWER 18"	FOOT	231		
*	Z0062456	TEMPORARY PAVEMENT	SQ YD	3,225		
*	XX003453	REMOVAL OF EXISTING AERIAL CABLE ASSEMBLY, NO SALVAGE	FOOT	9,694		
*	JA000125	BUTTERFLY VALVE AND VAULT, 36"	EACH	2		
*	JA000150	DUCTILE IRON WATER MAIN CAP, 8"	EACH	1		
*	JA000153	DUCTILE IRON WATERMAIN CAP, 14"	EACH	4		
*	JA000155	DUCTILE IRON WATER MAIN CAP, 20"	EACH	3		
*	JA000156	DUCTILE IRON WATERMAIN CAP, 36"	EACH	2		
*	JA000169	NON-PRESSURE CONNECTION TO EXISTING WATER MAIN, 20"	EACH	3		
*	JA000210	DUCTILE IRON WATER MAIN, 6", RESTRAINED JOINT PIPE	FOOT	50		
*	JA000218	DUCTILE IRON WATER MAIN, 14", RESTRAINED JOINT PIPE	FOOT	178		
*	JA000222	DUCTILE IRON WATER MAIN, 20", RESTRAINED JOINT PIPE	FOOT	575		
*	JA000228	DUCTILE IRON WATER MAIN, 36", RESTRAINED JOINT PIPE	FOOT	677		
*	JA000265	STEEL CASING PIPE, 54"	FOOT	25		
*	JA000477	ABANDON EXISTING WATER MAIN IN PLACE, 8"	FOOT	56		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JA000481	ABANDON EXISTING WATER MAIN IN PLACE, 14"	FOOT	185		
*	JA000485	ABANDON EXISTING WATER MAIN IN PLACE, 20"	FOOT	646		
*	JA000500	ABANDON EXISTING WATER MAIN IN PLACE, 36"	FOOT	629		
*	JA000595	STEEL STORM SEWER, 18"	FOOT	143		
*	JA000670	FIRE HYDRANTS REMOVAL	EACH	2		
*	JI209030	POROUS GRANULAR EMBANKMENT	CU YD	5		
*	JI211110	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	53,525		
*	JI213004	EXPLORATION TRENCH, UTILITIES (HAND EXCAVATION)	FOOT	3,802		
*	JI213006	EXPLORATION TRENCH, UTILITIES (VACUUM EXCAVATION)	FOOT	3,020		
*	JI251010	EROSION CONTROL BLANKET, BIODEGRADABLE NETTING	SQ YD	164,723		
*	JI251015	HEAVY DUTY EROSION CONTROL BLANKET, BIODEGRADABLE NETTING	SQ YD	7,957		
*	JI282010	SUBGRADE FILTER FABRIC	SQ YD	29,688		
*	JI312022	STABILIZED SUBBASE – WMA, 3"	SQ YD	22,508		
*	JI406037	MATERIAL TRANSFER DEVICE	TON	3,606		
*	JI406041	STONE MATRIX WARM MIX ASPHALT BINDER COURSE, IL-9.5, N80	TON	1,451		
*	JI406043	STONE MATRIX WARM MIX ASPHALT SURFACE FRICTION COURSE, IL9.5 N80	TON	131		
*	JI406048	STONE MATRIX WARM MIX ASPHALT SURFACE FRICTION COURSE, IL12.5 N80	TON	2,031		
*	JI406107	ASPHALT TACK COAT	POUND	47,356		

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*	JI406510	WARM-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	985		
*	JI406900	CONSTRUCTING WARM MIX ASPHALT TEST STRIP	EACH	2		
*	JI420040	BRIDGE APPROACH SLAB	SQ YD	1,657		
*	JI420041	TRANSITION APPROACH SLAB	SQ YD	3,293		
*	JI420046	TRANSITION APPROACH SHOULDER SLAB	SQ YD	144		
*	JI440010	CONCRETE MEDIAN BARRIER AND BASE REMOVAL	FOOT	4,862		
*	JI440022	SHOULDER RUMBLE STRIP REMOVAL	SQ YD	572		
*	JI481070	AGGREGATE SHOULDERS SPECIAL, TYPE C	TON	186		
*	JI481130	AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 4"	SQ YD	1,792		
*	JI482104	WARM-MIX ASPHALT SHOULDERS (6 IN.)	SQ YD	1,816		
*	JI482128	WARM-MIX ASPHALT SHOULDERS, SPECIAL (9 IN.)	SQ YD	5,818		
*	JI485010	TEMPORARY PAVEMENT, CLASS 1	SQ YD	2,226		
*	JI485020	TEMPORARY PAVEMENT, CLASS 2	SQ YD	20,592		
*	JI485030	TEMPORARY PAVEMENT, CLASS 3	SQ YD	19,146		
*	JI503006	REMOVAL OF EXISTING TRANSITION APPROACH SLABS	SQ YD	1,486		
*	JI503010	HIGH PERFORMANCE CONCRETE SUPERSTRUCTURE	CU YD	17,868		
*	JI503020	HIGH PERFORMANCE CONCRETE MOMENT SLAB STRUCTURES	CU YD	787		
*	JI503230	MASS CONCRETE STRUCTURES	CU YD	7,242		

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*	JI504810	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE WIDE FLANGE BEAMS, 72", 8.5 KSI	FOOT	7,643		
*	JI504812	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE WIDE FLANGE BEAMS, 84", 8.5 KSI	FOOT	6,021		
*	JI504814	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE WIDE FLANGE BEAMS, 90", 8.5 KSI	FOOT	19,229		
*	JI504816	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE WIDE FLANGE BEAMS, 90", 10.0 KSI	FOOT	9,123		
*	JI505231	FURNISHING AND ERECTING STRUCTURAL STEEL NO. 1	L SUM	1		
*	JI505232	FURNISHING AND ERECTING STRUCTURAL STEEL NO. 2	L SUM	1		
*	JI505233	FURNISHING AND ERECTING STRUCTURAL STEEL NO. 3	L SUM	1		
*	JI505234	FURNISHING AND ERECTING STRUCTURAL STEEL NO. 4	L SUM	1		
*	JI505240	FURNISHING AND ERECTING MISCELLANEOUS STEEL	POUND	7,740		
*	JI505920	SAFTEY CABLE SYSTEM	L SUM	1		
*	JI521822	HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 350K	EACH	22		
*	JI521824	HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 400K	EACH	20		
*	JI521826	HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 450K	EACH	14		
*	JI521900	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED-1500K	EACH	20		
*	JI522500	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	24,096		
*	JI522505	TEMPORARY MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	8,866		
*	JI550100	TEMPORARY STORM SEWER, CLASS A, 12"	FOOT	1,245		
*	JI550102	TEMPORARY STORM SEWER, CLASS A, 15"	FOOT	413		

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*	JI550104	TEMPORARY STORM SEWER, CLASS A, 18"	FOOT	174		
*	JI593030	ABANDON AND FILL EXISTING STORM SEWER	CU YD	167		
*	JI599007	TEMPORARY SOIL RETENTION SYSTEM TO REMAIN IN PLACE	SQ FT	15,436		
*	JI601300	PIPE UNDERDRAINS, 6" (SPECIAL)	FOOT	408		
*	JI601320	PIPE UNDERDRAINS, FABRIC LINED TRENCH 6"	FOOT	4,415		
*	JI602100	OUTLET CONTROL STRUCTURE TYPE 1 (CHECK DAM)	EACH	1		
*	JI602115	CATCH BASINS, TYPE G-2, TYPE G-2 FRAME AND GRATE	EACH	1		
*	JI602120	CATCH BASINS, TYPE G-3, TYPE G-3 FRAME AND GRATE	EACH	9		
*	JI602182	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE G-2 FRAME AND GRATE	EACH	5		
*	JI602184	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20A FRAME AND GRATE	EACH	6		
*	JI602230	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (TEMPORARY)	EACH	6		
*	JI602231	INLETS, TYPE A, TYPE 20A FRAME AND GRATE	EACH	12		
*	JI602235	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID (TEMPORARY)	EACH	5		
*	JI602237	INLETS, TYPE B, TYPE 20A FRAME AND GRATE	EACH	7		
*	JI602300	MANHOLE, TYPE A, 5' DIA., TYPE G-3 FRAME AND GRATE	EACH	1		
*	JI602519	DRAINAGE STRUCTURES TO BE ADJUSTED WITH TWO TYPE 20A FRAME AND GRATE	EACH	2		
*	JI606010	GUTTER, TYPE G-2	FOOT	775		
*	JI606020	GUTTER, TYPE G-3	FOOT	987		

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*	JI606050	CONCRETE GUTTER (SPECIAL)	FOOT	150		
*	JI630002	GALVANIZED STEEL PLATE BEAM GUARDRAIL,TYPE A, 6 FOOT POSTS	FOOT	63		
*	JI630004	GALVANIZED STEEL PLATE BEAM GUARDRAIL,TYPE A, 9 FOOT POSTS	FOOT	500		
*	JI631112	TRAFFIC BARRIER TERMINAL, TYPE T1-A (SPECIAL)	EACH	1		
*	JI631120	TRAFFIC BARRIER TERMINAL, TYPE T2	EACH	1		
*	JI631130	TRAFFIC BARRIER TERMINAL, TYPE T6	EACH	1		
*	JI631135	TRAFFIC BARRIER TERMINAL, TYPE T6B	EACH	1		
*	JI631140	TRAFFIC BARRIER TERMINAL, TYPE T10	EACH	1		
*	JI633032	REMOVE AND RE-ERECT STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	60		
*	JI637030	CONCRETE BARRIER , SINGLE FACE, REINFORCED, 42 INCH	FOOT	232		
*	JI637032	CONCRETE BARRIER BASE FOR SINGLE FACE BARRIER, REINFORCED, 42 INCH	FOOT	232		
*	JI638010	TEMPORARY MODULAR GLARE SCREEN SYSTEM	FOOT	2,626		
*	JI664305	RIGHT-OF-WAY FENCE, TYPE 1, 6'	FOOT	4,347		
*	JI664310	CORNER POST, RIGHT-OF-WAY FENCE, TYPE1	EACH	17		
*	JI664315	PULL POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	6		
*	JI664320	END POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	9		
*	JI664325	PEDESTRIAN GATE, RIGHT-OF-WAY FENCE, TYPE 1	EACH	3		
*	JI664335	DOUBLE VEHICLE GATE, RIGHT-OF-WAY FENCE, TYPE 1	EACH	5		

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*	JI664400	RIGHT OF WAY FENCE REMOVAL	FOOT	4,844		
*	JI664615	TEMPORARY CHAIN LINK FENCE 8' SCREENING, TYPE 1	FOOT	569		
*	JI664620	TEMPORARY CHAIN LINK FENCE 8' SCREENING, TYPE 2	FOOT	5,746		
*	JI664621	TEMPORARY CHAIN LINK FENCE 8', WITH SCREENING REMOVAL	FOOT	2,500		
*	JI680003	HEADWALL TYPE I, 21"	EACH	1		
*	JI680004	HEADWALL TYPE I, 24"	EACH	9		
*	JI680010	HEADWALL TYPE II, 42"	EACH	1		
*	JI680011	HEADWALL TYPE II, 48"	EACH	2		
*	JI680012	HEADWALL TYPE II, 54"	EACH	1		
*	JI680021	HEADWALL TYPE III, 42", 1:4	EACH	1		
*	JI680022	HEADWALL TYPE III, 48", 1:4	EACH	9		
*	JI680102	SLOPED HEADWALL TYPE I, 12"	EACH	1		
*	JI680103	SLOPED HEADWALL TYPE I, 15"	EACH	1		
*	JI680104	SLOPED HEADWALL TYPE I, 18"	EACH	1		
*	JI680120	SLOPED HEADWALL TYPE III, 6", 1:3	EACH	5		
*	JI680122	SLOPED HEADWALL TYPE III, 15", 1:3	EACH	2		
*	JI680123	SLOPED HEADWALL TYPE III, 18", 1:3	EACH	2		
*	JI680125	SLOPED HEADWALL TYPE III, 24", 1:3	EACH	1		

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*	JI680130	SLOPED HEADWALL TYPE III, 6", 1:4	EACH	6		
*	JI680131	SLOPED HEADWALL TYPE III, 12", 1:4	EACH	3		
*	JI680132	SLOPED HEADWALL TYPE III, 15", 1:4	EACH	1		
*	JI680133	SLOPED HEADWALL TYPE III, 18", 1:4	EACH	1		
*	JI680135	SLOPED HEADWALL TYPE III, 24", 1:4	EACH	3		
*	JI680137	SLOPED HEADWALL TYPE III, 30", 1:4	EACH	1		
*	JI680140	SLOPED HEADWALL TYPE III, 6", 1:6	EACH	4		
*	JI680141	SLOPED HEADWALL TYPE III, 12", 1:6	EACH	1		
*	JI680143	SLOPED HEADWALL TYPE III, 18", 1:6	EACH	2		
*	JI680147	SLOPED HEADWALL TYPE III, 30", 1:6	EACH	1		
*	JI704012	FURNISH AND INSTALL TEMPORARY CONCRETE BARRIER, TO REMAIN IN PLACE	FOOT	17,325		
*	JI704014	RELOCATE TEMPORARY CONCRETE BARRIER, TO REMAIN IN PLACE	FOOT	39,200		
*	JI706282	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3, TO REMAIN IN PLACE	EACH	4		
*	JI706331	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3, TO REMAIN IN PLACE	EACH	6		
*	JI725000	TERMINAL MARKER - DIRECT APPLIED	EACH	1		
*	JI782014	GUARDRAIL BARRIER REFLECTORS, TYPE B	EACH	14		
*	JI782022	BARRIER WALL REFLECTORS, TYPE C	EACH	1,691		
*	JI811276	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., STAINLESS STEEL	FOOT	63		

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*	JI811280	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., STAINLESS STEEL	FOOT	116		
*	JI830205	TEMPORARY WOOD POLE, 90 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	46		
*	JI999443	PRESSURE VALVE INSERT, 20"	EACH	3		
*	JI999707	STEEL CASING PIPE , BORED AND JACKED, 30"	FOOT	536		
*	JI999737	PVC WATER MAIN, 8"	FOOT	230		
**	JS107360	DUST CONTROL WATERING	UNIT	7,500		
**	JS107361	APPLY DUST SUPPRESSION AGENTS	UNIT	2,500		
**	JS120100	TRAILER MOUNTED FULL MATRIX PORTABLE CHANGEABLE MESSAGE SIGNS	EACH	7		
**	JS120710	ENERGY ATTENUATOR	EACH	1		
**	JS120715	ENERGY ATTENUATOR CONCRETE PAD	SQ FT	210		
*	JS120819	SCUPPER	EACH	44		
**	JS250220	SEEDING, CLASS 2E	ACRE	5		
**	JS250314	SEEDING, CLASS 4B	ACRE	6		
**	JS250318	SEEDING, CLASS 4F	ACRE	26		
**	JS250320	SEEDING, CLASS 5	ACRE	26		
**	JS250324	SEEDING, CLASS 5B	ACRE	6		
**	JS250350	SEEDING, CLASS 7	ACRE	61		
**	JS280020	MANAGEMENT OF EROSION AND SEDIMENT CONTROL	CAL. MO.	20		

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**	JS280030	EROSION AND SEDIMENT CONTROL-EXCAVATION	CU YD	2,250		
**	JS280040	EROSION AND SEDIMENT CONTROL-CLEANOUT	CU YD	2,250		
**	JS280050	SILT FENCE	FOOT	16,576		
**	JS280051	RE-ERECT SILT FENCE	FOOT	8,420		
**	JS280070	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	1,500		
**	JS280080	FLOTATION BOOM	FOOT	1,612		
**	JS280100	SUPER SILT FENCE	FOOT	4,604		
**	JS280110	TEMPORARY PIPE SLOPE DRAINS	FOOT	2,100		
**	JS280120	TREE PROTECTION	FOOT	500		
**	JS280140	TEMPORARY RIPRAP	TON	1,126		
**	JS280151	SAME-DAY STABILIZATION	SQ YD	313,969		
**	JS280180	RECTANGULAR INLET PROTECTION	EACH	31		
**	JS280210	FILTER FABRIC INLET PROTECTION, BASKET TYPE	EACH	150		
**	JS280305	TEMPORARY DITCH CHECKS	FOOT	2,145		
*	JS670CM0	FIELD OFFICE, TYPE C (MODIFIED)	CAL MO	31		
*	JS671020	MOBILIZATION, TOLLWAY (MODIFIED)	L SUM	1		
*	JS701010	MAINTENANCE OF TRAFFIC	L SUM	1		
**	JS734A10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, SPAN TYPE	CU YD	71		

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**	JS734G10	FOUNDATION FOR ITS GANTRY FRAME	CU YD	38		
**	JS804100	ELECTRIC SERVICE INSTALLATION	EACH	3		
**	JS810837	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	130		
**	JS810839	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	1,682		
**	JS810841	UNDERGROUND CONDUIT, PVC, 6" DIA.	FOOT	414		
**	JS810874	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/2" DIA.	FOOT	816		
**	JS810875	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	2,362		
**	JS810879	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	1,096		
**	JS811032	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	159		
**	JS812022	CONDUIT EMBEDDED IN STRUCTURE, 1 1/2" DIA., PVC	FOOT	1,083		
**	JS812023	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	10,696		
**	JS813022	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	3		
**	JS813053	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	7		
*	JS813055	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	24		
*	JS813083	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	1		
**	JS814002	HEAVY-DUTY HANDHOLE, TOLLWAY	EACH	24		
**	JS816076	UNIT DUCT, WITH 4-1/C NO. 2 AND 1/C NO. 4 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	FOOT	5,988		
**	JS817211	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	3,045		

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**	JS817212	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	45,425		
**	JS817213	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	17,877		
**	JS817215	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	1,568		
**	JS817218	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	FOOT	396		
**	JS817219	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4/0	FOOT	3,809		
**	JS821003	TEMPORARY LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	24		
*	JS821009	TEMPORARY LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750WATT	EACH	67		
**	JS821100	LUMINAIRE, LED, HORIZONTAL MOUNT	EACH	22		
**	JS821110	UNDERPASS LUMINAIRE, LED	EACH	4		
**	JS830003	GROUND MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 15 FT. MAST ARM	EACH	2		
**	JS830013	WALL MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 12 FT. MAST ARM	EACH	20		
**	JS830024	TEMPORARY WOOD POLE, 30 FT., CLASS 4	EACH	2		
**	JS830025	TEMPORARY WOOD POLE, 40 FT., CLASS 4	EACH	1		
**	JS830027	TEMPORARY WOOD POLE, 50 FT., CLASS 4	EACH	7		
**	JS830033	TEMPORARY WOOD POLE, 70 FT., CLASS 3	EACH	1		
*	JS830038	BRIDGE MOUNTED LIGHT POLE, STEEL, 60 FT., 15 FT MAST ARM	EACH	21		
**	JS836003	LIGHT POLE FOUNDATION (ROADWAY) CONCRETE	EACH	3		
**	JS842085	REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	77		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JS842090	REMOVAL OF SIGN LUMINAIRE	EACH	5		
**	JS842100	REMOVAL OF UNDERPASS LUMINAIRE	EACH	2		
**	JS842105	POLE FOUNDATION, REMOVED	EACH	44		
**	JS845011	REMOVAL OF LIGHTING CONTROLLER	EACH	1		
**	JS845012	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1		
**	JS845013	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1		
**	JS846001	MAINTAIN LIGHTING SYSTEM	L SUM	1		
*	JT130752	CONCRETE FOUNDATION, INTERMEDIATE POWER DISTRIBUTION AND COMMUNICATION FACILITY	EACH	1		
*	JT130754	ELECTRIC WORK, INTERMEDIATE POWER DISTRIBUTION AND COMMUNICATION FACILITY	EACH	1		
*	JT131142	ROADWAY WEATHER INFORMATION SYSTEM	EACH	1		
*	JT131316	BLUETOOTH VEHICLE DETECTION ASSEMBLY	EACH	1		
*	JT131541	FIRE SUPPRESSION SYSTEM	L SUM	1		
*	JT132115	REMOVE DYNAMIC MESSAGE SIGN EQUIPMENTS - TYPE 1	EACH	1		
*	JT132810	ITS POLE MOUNTED ENCLOSURE (CCTV OR MVDS)	EACH	3		
*	JT132814	ITS DISCONNECT SWITCH ASSEMBLY	EACH	1		
*	JT132815	ITS FRAME MOUNTED DISCONNECT SWITCH	EACH	2		
*	JT132820	CCTV CAMERA, ITS ASSEMBLY (TOLLWAY)	EACH	3		
*	JT132830	FIBER OPTIC COMMUNICATIONS, ITS ASSEMBLY	EACH	3		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT132835	WIRELESS COMMUNICATIONS, ITS ASSEMBLY	EACH	1		
*	JT134000	MAINTAIN INTELLIGENT TRANSPORTATION SYSTEMS	L SUM	1		
*	JT134010	INTELLIGENT TRANSPORTATION SYSTEMS CABINET FOUNDATION	EACH	2		
*	JT134030	INTELLIGENT TRANSPORTATION SYSTEMS GANTRY SITE GROUNDING	EACH	2		
*	JT134037	ITS ELEMENT SITE GROUNDING - POLE MOUNTED ASSEMBLY	EACH	3		
*	JT134041	ITS ELEMENT SITE GROUNDING - ITS MONOPOLE CCTV TOWER ASSEMBLY	EACH	1		
*	JT134047	ITS ELEMENT SITE GROUNDING - ROADWAY WEATHER INFORMATION SYSTEM	EACH	1		
*	JT134048	ITS ELEMENT SITE GROUNDING - ATM EQUIPMENT CABINETS	EACH	2		
*	JT135006	REMOVE MICROWAVE VEHICLE DETECTION ASSEMBLY	EACH	1		
*	JT135076	REMOVE POLE MOUNTED CAMERA ASSEMBLY	EACH	3		
*	JT135096	ITS POLE AND BASE REMOVAL	EACH	2		
*	JT135097	REMOVE CCTV CAMERA, POLE MOUNTED	EACH	2		
*	JT135098	REMOVE CCTV CAMERA, STRUCTURE MOUNTED	EACH	1		
*	JT135100	CONCRETE FILLED PIPE BOLLARDS	EACH	6		
*	JT135200	PLAZA LANE CONVERSION	L SUM	1		
*	JT160000	CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ATTACHED TO STRUCTURE, 4" DIA, RIGID NONMETALLIC	FOOT	768		
*	JT160006	CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ATTACHED TO STRUCTURE, 8" DIA, RIGID NONMETALLIC	FOOT	21,300		
*	JT160024	CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ENCASED IN CONCRETE, 6" DIA, RIGID NONMETALLIC	FOOT	156		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT160028	CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ENCASED IN CONCRETE, 10" DIA, RIGID NONMETALLIC	FOOT	640		
*	JT160098	HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, TORSION ASSIST, 36"X60"X36"	EACH	13		
*	JT160099	HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, TORSION ASSIST, 48"X72"X36"	EACH	21		
*	JT160152	CABLE MARKER SIGN WITH POST FOR SINGLE MODE FIBER OPTIC CABLE	EACH	6		
*	JT160226	SINGLE MODE FIBER OPTIC CABLE REMOVAL, NO SALVAGE	FOOT	41,405		
*	JT160232	CONDUIT REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, ATTACHED TO STRUCTURE, RIGID NONMETALLIC, NO SALVAGE	FOOT	10,608		
*	JT160236	CONDUIT REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, COILABLE NONMETALLIC, NO SALVAGE	FOOT	79,609		
*	JT160251	HANDHOLE REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, NO SALVAGE	EACH	5		
*	JT160255	CABLE MARKER SIGN REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, NO SALVAGE	EACH	15		
*	JT160266	WOOD POLE REMOVAL, NO SALVAGE	EACH	3		
*	JT160304	LOCATE POST FOR SINGLE MODE FIBER OPTIC CABLE	EACH	31		
*	JT160320	FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 12 FIBERS	FOOT	277		
*	JT160324	FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 144 FIBERS	FOOT	9,856		
*	JT160328	FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 432 FIBERS	FOOT	9,019		
*	JT160356	INSTALL TOLLWAY FURNISHED FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 288 FIBERS	FOOT	29,974		
*	JT160378	INSTALL TOLLWAY FURNISHED FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 240 FIBERS	FOOT	18,520		
*	JT160385	MULTI MODE FIBER OPTIC CABLE, IN CONDUIT, TOLLWAY FURNISHED	FOOT	2,118		
*	JT201940	SELECTIVE CLEARING (BRUSH REMOVAL)	ACRE	1		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT210001	POROUS GRANULAR BACKFILL	CU YD	8,886		
*	JT211200	PREPARED TOPSOIL FURNISH AND PLACE, 8"	SQ YD	450		
*	JT211A08	SUBGRADE AGGREGATE 9 IN.	CU YD	3,706		
*	JT211A11	SUBGRADE AGGREGATE 12 IN.	CU YD	16,548		
*	JT250410	BIOSWALE SEED MIXTURE 1	ACRE	0		
*	JT251020	BIOSWALE EROSION CONTROL BLANKET	SQ YD	733		
*	JT280500	SEDIMENT FILTER BAG	EACH	16		
*	JT280510	FLOC LOG	EACH	16		
*	JT280530	IN-LINE FLOCCULATION SYSTEM	EACH	8		
*	JT281020	FISH BARRIER ACCESS MANAGEMENT	L SUM	1		
*	JT285055	ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM, TYPE 1	SQ YD	4,158		
*	JT301010	GRANULAR SUBBASE, SPECIAL	CU YD	197		
*	JT420104	JOINTED PLAIN CONCRETE PAVEMENT FOR COMPOSITE PAVEMENT 11"	SQ YD	20,718		
*	JT501925	REMOVAL OF EXISTING APPROACH SLABS	SQ YD	503		
*	JT508010	REINFORCEMENT BARS, STAINLESS STEEL	POUND	6,139,830		
*	JT508020	BAR SPLICERS, STAINLESS STEEL	EACH	1,992		
*	JT508030	MECHANICAL SPLICERS, STAINLESS STEEL	EACH	1,786		
*	JT525080	EXPANSION JOINT MODIFICATION	FOOT	50		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT525125	BONDED PREFORMED JOINT SEAL, 2 IN.	FOOT	152		
*	JT525135	BONDED PREFORMED JOINT SEAL, 4 IN.	FOOT	541		
*	JT546000	TELEVISION INSPECTION OF SEWER	FOOT	6,556		
*	JT570P51	PERFORMANCE BASED RETAINING WALL, LOCATION 1	L SUM	1		
*	JT570P52	PERFORMANCE BASED RETAINING WALL, LOCATION 2	L SUM	1		
*	JT595001	BRIDGE DRAINAGE SYSTEM, LOCATION NO. 1	L SUM	1		
*	JT595002	BRIDGE DRAINAGE SYSTEM, LOCATION NO. 2	L SUM	1		
*	JT599040	REMOVAL OF EXISTING NOISE ABATEMENT WALL	SQ FT	34,017		
*	JT599P01	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 1	L SUM	1		
*	JT599P02	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 2	L SUM	1		
*	JT599P03	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 3	L SUM	1		
*	JT599P04	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 4	L SUM	1		
*	JT599P05	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 5	L SUM	1		
*	JT599P06	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 6	L SUM	1		
*	JT599P07	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 7	L SUM	1		
*	JT599P08	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 8	L SUM	1		
*	JT599P09	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 9	L SUM	1		
*	JT599P10	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 10	L SUM	1		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT601900	TRENCH DRAIN	FOOT	250		
*	JT601951	SCUPPER MODIFICATION	EACH	2		
*	JT601955	SCUPPER, SPECIAL	EACH	18		
*	JT701030	SUPPLEMENTAL BARRICADE	EACH/DAY	13,500		
*	JT701031	SUPPLEMENTAL SIGNING	SQ FT	280		
*	JT701032	SUPPLEMENTAL FLASHING ARROW BOARD (PER DAY)	EACH/DAY	120		
*	JT701033	SUPPLEMENTAL FLASHING ARROW BOARD (PER WEEK)	EACH/WEEK	35		
*	JT701034	SUPPLEMENTAL FLASHING ARROW BOARD (PER MONTH)	EACH/MONTH	36		
*	JT701052	TEMPORARY INFORMATION SIGNING-GROUND MOUNT, GREATER THAN 24 SQ FT IN AREA	SQ FT	871		
*	JT701060	TEMPORARY INFORMATION SIGNING-OVERHEAD MOUNT, 24 SQ FT IN AREA OR LESS	SQ FT	24		
*	JT701250	TRAILER MOUNTED RADAR SPEED DISPLAY UNIT	CAL MO	36		
*	JT703104	LATE SEASON TEMPORARY PAVEMENT MARKING, 4"	FOOT	49,184		
*	JT720100	SIGN INSTALLATION, TYPE 1	SQ FT	16		
*	JT783005	WATERBLAST PAVEMENT MARKING REMOVAL WITH VACUUM RECOVERY	SQ FT	71,615		
*	JT804005	ELECTRIC SERVICE INSTALLATION - ITS	EACH	1		
*	JT810871	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, RIBBED, 1 1/2" DIA.	FOOT	35,889		
*	JT810873	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 1 1/4" DIA.	FOOT	65		
*	JT810876	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 2" DIA.	FOOT	3,683		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT810878	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 3" DIA.	FOOT	1,982		
*	JT810879	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 4" DIA.	FOOT	3,713		
*	JT810881	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 6" DIA.	FOOT	6,805		
*	JT810900	DUCT PACKAGE, CONDUIT ENCASED, CONCRETE, 1-1/2" DIA., 24 COUNT	FOOT	2,631		
*	JT810910	DUCT PACKAGE, CONDUIT ENCASED, CONCRETE, 4" DIA., 2 COUNT	FOOT	1,696		
*	JT811040	CONDUIT ATTACHED TO STRUCTURE, PVC, 2" DIA.	FOOT	4,805		
*	JT813010	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE (SPECIAL), 32" X 12" X 8"	EACH	4		
*	JT813014	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 6"	EACH	21		
*	JT813015	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 42" X 36" X 16"	EACH	4		
*	JT825025	TEMPORARY LIGHTING CONTROLLER, 480 VOLT, POLE MOUNTED	EACH	3		
*	JT830018	TEMPORARY WOOD POLE, 100 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	4		
*	JT830019	TEMPORARY WOOD POLE, 110 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	4		
*	JT830023	TEMPORARY WOOD POLE, 120 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	13		
*	JT830025	INSTALL WOOD POLE, 45 FEET, CLASS 2	EACH	11		
*	JT830028	INSTALL WOOD POLE, 70 FEET, CLASS 2	EACH	1		
*	JT830030	INSTALL WOOD POLE, 90 FEET, CLASS 2	EACH	2		
*	JT830054	GROUND MOUNTED LIGHT POLE, GALVANIZED STEEL, 60 FT., WITHOUT MAST ARM	EACH	1		
*	JT836020	ITS ELEMENT POLE FOUNDATION STEEL HELIX (12 FT)	EACH	1		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT836027	ITS CONCRETE SERVICE PAD, TYPE A	EACH	1		
*	JT844010	REMOVE AND REINSTALL LIGHTING UNIT	EACH	1		
*	JT900074	UTILITY PROTECTION	L SUM	1		
*	JT900077	CONCRETE TRANSFORMER PAD, 4' x 4'	SQ FT	32		
*	JT900085	REMOVE EXISTING TREADLE	EACH	3		
*	JT900099	LOAD TRANSFER PLATFORM	SQ YD	1,213		
*	JT900132	FLEXIBLE LIQUID TIGHT CONDUIT, METALLIC, 2" DIAMETER	FOOT	168		
*	JT900202	TEMPORARY CONSTRUCTION FENCE	FOOT	1,000		
*	JT900222	TEMPORARY LIGHT POLE SUPPORT	EACH	20		
*	JT900560	SUBGRADE SOIL STABILIZATION, TYPE IA	SQ YD	1,400		
*	JT900562	SUBGRADE SOIL STABILIZATION, TYPE IB	SQ YD	2,200		
*	JT900564	SUBGRADE SOIL STABILIZATION, TYPE II	SQ YD	1,200		
*	JT900566	SUBGRADE SOIL STABILIZATION, TYPE III	SQ YD	1,600		
*	JT900568	SUBGRADE SOIL STABILIZATION, TYPE IV	SQ YD	1,800		
*	JT900570	SUBGRADE SOIL STABILIZATION, TYPE V	SQ YD	2,200		
*	JT900580	CHEMICALLY STABILIZED SUBGRADE, 9"	SQ YD	29,594		
*	JT900680	CORRUGATED METAL LINER	FOOT	300		
*	JT900900	REMOVE AND RELOCATE WIRELESS VEHICLE DETECTOR SYSTEM	EACH	1		

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*	JT901056	LOCATOR TRACER WIRE	FOOT	19,380		
*	JT901075	NON-PRESSURE CONNECTION TO EXISTING WATER MAIN, 36"	EACH	2		
*	JT901081	VALVE VAULTS, 7' DIAMETER	EACH	2		
*	JT901130	DEWATERING	L SUM	1		
*	JT991131	CAUSEWAY, LOCATION 1	L SUM	1		
*	JT991132	CAUSEWAY, LOCATION 2	L SUM	1		
*	JT991133	CAUSEWAY, LOCATION 3	L SUM	1		
*	JT991134	CAUSEWAY, LOCATION 4	L SUM	1		
*	JT991135	CAUSEWAY, LOCATION 5	L SUM	1		
*	JT991136	CAUSEWAY, LOCATION 6	L SUM	1		
*	JT991137	CAUSEWAY, LOCATION 7	L SUM	1		
					TOTAL AMOUNT OF CORE WORK	

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*	JT155001	CONTRACTOR'S QUALITY PROGRAM	L SUM	1	3,800,000.00	$3,800,000.00
*	JT151500	CONTRACT ADJUSTMENT ALLOWANCE FOR TEMPERATURE CONTROL OF CONCRETE	UNIT	200,000	1.00	$200,000.00
*	JT154001	PAVEMENT PATCHING AND TRAFFIC CONTROL	UNIT	300,000	1.00	$300,000.00
*	JT154002	DISPOSAL OF UNIDENTIFIED HAZARDOUS WASTE	UNIT	50,000	1.00	$50,000.00
*	JT154005	EMERGENCY PAVEMENT AND SHOULDER REPAIRS	UNIT	100,000	1.00	$100,000.00
*	JT154008	UNFORESEEN ADDITIONAL MAINTENANCE OF TRAFFIC	UNIT	100,000	1.00	$100,000.00
*	JT154016	ALLOWANCE FOR UNFORESEEN EROSION CONTROL MEASURES	UNIT	25,000	1.00	$25,000.00
*	JT154044	CONTRACT ALLOWANCE FOR UNSUITABLE SOIL AND HAZARDOUS WASTE REMOVAL	UNIT	25,000	1.00	$25,000.00
*	JT154055	CONTRACT ALLOWANCE FOR BRIDGE DECK PATCHING AND TRAFFIC CONTROL	UNIT	4,000,000	1.00	$4,000,000.00
*	JT154062	CONTRACT ALLOWANCE FOR MAINTAIN INTELLIGENT TRANSPORTATION SYTEM REPAIR	UNIT	25,000	1.00	$25,000.00
*	JT154067	CONTRACT ALLOWANCE FOR CONSTRUCTIONWORKS APPRENTICES	UNIT	100,000	1.00	$100,000.00
*	JT154102	ALLOWANCE FOR RAILROAD FLAGGING	UNIT	2,500,000	1.00	$2,500,000.00
*	JT154148	ALLOWANCE FOR CAUSEWAY FLOOD PROTECTION	UNIT	100,000	1.00	$100,000.00
*	JT154150	ALLOWANCE FOR STEEL COSTS ADJUSTMENT	UNIT	300,000	1.00	$300,000.00
*	JT154160	ALLOWANCE FOR FUEL COSTS ADJUSTMENT	UNIT	40,000	1.00	$40,000.00
*	JT154161	ALLOWANCE FOR BITUMINOUS MATERIALS COSTS ADJUSTMENT	UNIT	25,000	1.00	$25,000.00
*	JT154194	ALLOWANCE FOR UNIDENTIFIED OBSTRUCTIONS	UNIT	450,000	1.00	$450,000.00

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	999NEG20	DAMAGES TO ILLINOIS TOLLWAY'S OPERATIONAL FACILITIES PER S.P. 115.5 - TRI-STATE	OCCUR		(10,000.00)	
	999NEG30	DAMAGES TO ILLINOIS TOLLWAY'S OPERATIONAL FACILITIES PER S.P. 115.5 - ALL ROADWAYS OFF-PEAK	OCCUR		(2,000.00)	
	999NEG31	DAMAGE TO ELECTRICAL FACILITIES PER TOLLWAY SUPPL. SPEC. 107.30(b)	INC/DAY		(1,000.00)	
	999NEG32	LIQUIDATED DAMAGES FOR DELAY IN SUBMITTAL OF PROGRESS SCHEDULE PER TOLLWAY SUPPL. SPEC. 108.02(e)	DAY		(300.00)	
	999NEG33	NON-COMPLIANCE WITH EROSION AND SEDIMENT CONTROL PER TOLLWAY SUPPL. SPEC 280.02 (b) (1)	INC/DAY		See Note 1	
	999NEG34	NON-COMPLIANCE WITH RESPONSIBILITY FOR CONSTRUCTION HAULING EQUIPMENT PER TOLLWAY SUPPL. SPEC. 105.15	DAY		(1,000.00)	
	999NEG35	FAILURE TO RESPOND TO REGULATORY AGENCY REQUESTS, PER TOLLWAY SUPPL. SPEC. 280.02 (b) (2)	OCCUR		(25,000.00)	
	999NEG36	FAILURE TO COMPLY WITH OCCUPANCY DATE OR PROVIDE COMPLETE FACILITIES. FIELD OFFICE OR LAB PER TOLLWAY SUPPL. SPEC. 670.01 (b)	DAY		(500.00)	
	999NEG37	NON-COMPLIANCE WITH TOLLWAY MAINTENANCE OF TRAFFIC PER TOLLWAY SUPPL. SPEC. 701.01 (b)(1)	INC/DAY		(2,500.00)	
	999NEG38	FAILURE TO RESPOND TO RE-ESTABLISH DEVICES PER TOLLWAY SUPPL. SPEC. 701.01 (b)(2)	OCCUR		(2,500.00)	
	999NEG39	FAILURE TO REPAIR IMPACT ATTENUATORS, TEMPORARY PER TOLLWAY SUPPL. SPEC. 701.01 (b)(3)	OCCUR		(2,500.00)	
	999NEG40	LOSS OR DAMAGE TO TOLLWAY OWNED DEVICES PER TOLLWAY SUPPL. SPEC. 701.01 (b)(4)	SQ. FT.		(100.00)	
	999NEG41	NON-COMPLIANCE WITH IDOT MAINTENANCE OF TRAFFIC PER TOLLWAY SUPPL. SPEC. 701.01 (b)(5)	INC/DAY		(2,500.00)	
	999NEG42	NON-COMPLIANCE WITH MAINTAIN LIGHTING SYSTEM, PER TOLLWAY SUPPL. SPEC. 846.06 (a)	INC/DAY		(1,000.00)	
	999NEG43	FAILURE TO RESPOND TO MAINTAIN LIGHTING SYSTEM, PER TOLLWAY SUPPL. SPEC. 846.06 (b)	OCCUR		(1,000.00)	

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SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	999NEG44	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.1	CAL DAY		(22,000.00)	
	999NEG45	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.2	CAL DAY		(22,000.00)	
	999NEG46	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.3	CAL DAY		(22,000.00)	
	999NEG49	DAMAGE TO FIBER OPTIC UTILITIES, PER S.P. 115.3	OCCUR		(10,000.00)	
	999NEG54	DAMAGE TO TOLLWAY MULTI-MODE CABLE, DMS SIGNS, CAMERAS, TELECOMMUNICATION, CABLE, ELECTRICAL, WATER, AND SEWER PER S.P. 115.4	OCCUR		(1,000.00)	
	999NEG89	NON-COMPLIANCE WITH MAXIMUM ALLOWABLE SHUTDOWN	HOUR		(10,000.00)	
	999NEG90	ONE LANE OR RAMP BLOCKED PER S.P. FAILURE TO OPEN LANES TO TRAFFIC	15 MINUTES		(3,000.00)	
	999NEG91	TWO LANES BLOCKED PER S.P. FAILURE TO OPEN LANES TO TRAFFIC	15 MINUTES		(5,000.00)	

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
		ADJUSTMENTS				
	999ADJ20	PROTECTION METHOD I FOR CONCRETE IN SUBSTRUCTURES, CULVERTS, PUMP HOUSES AND RETAINING WALLS AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ21	PROTECTION METHOD II FOR CONCRETE IN SUBSTRUCTURES, CULVERTS, PUMP HOUSES, AND RETAINING WALLS AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ22	PROTECTION METHOD I FOR CONCRETE IN SUPERSTRUCTURES AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ23	PROTECTION METHOD II FOR CONCRETE IN SUPERSTRUCTURES AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ24	PROTECTION METHODS I, II OR III FOR CONCRETE IN FOOTINGS AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ25	PROTECTION METHOD I FOR CONCRETE IN SLOPE WALLS AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ30	CHILLING PROCEDURE FOR HIGH PERFORMANCE CONCRETE AS PER SPECIAL PROVISION FOR HIGH PERFORMANCE CONCRETE STRUCTURES			SEE NOTE 1	
	999ADJ45	CONSTRUCTIONWORKS APPRENCTICES WAGE RATE PAYMENT	HOUR		15.00	
AMOUNT OF CONTRACTOR'S QUALITY PROGRAM (CQP) + TOTAL AMOUNT OF CONTINGENCY WORK						$12,140,000.00

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
		TOTAL AMOUNT OF CORE WORK + AMOUNT OF CONTRACTOR'S QUALITY PROGRAM (CQP) + TOTAL AMOUNT OF CONTINGENCY WORK = TOTAL AMOUNT OF BASE BID				
		BID CREDIT				
		AWARD CRITERIA				

S.P. COLUMN LEGEND

* INDICATES SPECIAL PROVISION

** INDICATES TOLLWAY SUPPLEMENTAL SPECIFICATIONS

*** INDICATES IDOT SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

BDE INDICATES IDOT BDE SPECIAL PROVISION

GBSP INDICATES IDOT GBSP SPECIAL PROVISION

D1 INDICATES IDOT D1 SPECIAL PROVISION

NOTE 1: THE CONTRACTOR SHOULD LEAVE THE UNIT PRICE VALUE BLANK. THE UNIT PRICE WILL BE ENTERED BY THE TOLLWAY AFTER RECEIPT OF BIDS.

PUBLIC CONVENIENCE AND SAFETY (D1).....D1-9
TRAFFIC CONTROL AND PROTECTION (ARTERIALS) (D1).....D1-10
SPEED DISPLAY TRAILER (D1).....D1-11
GENERAL ELECTRICAL REQUIREMENTS (D1).....D1-13
UNDERGROUND RACEWAYS (D1).....D1-27
UNIT DUCT (D1).....D1-28
WIRE AND CABLE (D1).....D1-30

VOLUME V - APPENDIX
SGR - TRI-STATE TOLLWAY (I-294) MILE-LONG BRIDGE MLBSGR-1

VOLUME VI - APPENDIX
SGR - TRI-STATE TOLLWAY (I-294) MILE-LONG BRIDGE MLBSGR-387
TECHNICAL MEMORANDUM – MLB ABUTMENT RETAINING WALL AND GEOTECHNICAL RECOMMENDATIONS TM-1
SGR – RETAINING WALLS RW-1, RW-2, AND RW-3 (TS20.81R, NB &TS20.80R,SB).....WALLSGR-1
TECHNICAL MEMORANDUM –NOISE ABATEMENT WALL 1E.....WALL SGR-175A

VOLUME VII – APPENDIX
SGR – RETAINING WALLS RW-4, (TS20.88R, SB).....WALLSGR-176
SGR – RETAINING WALLS RW-5 AND RW-6, (TS20.90R, NB)..... .....WALLSGR-259
SGR – RETAINING WALLS RW-7 (TS20.75R, NB).....WALLSGR-378
SGR – RETAINING WALLS 8 THRU 10 (TS21.06R,SB; TS21.03R,NB) RETAINING WALLS 11 (TS21.97R, NB).....WALLSGR-437
SGR –NOISE ABATEMENT WALL 1D.....WALLSGR-580

VOLUME VIII – APPENDIX
SGR –TRI-STATE TOLLWAY (I-294) OVER LAGRANGE ROAD.....TLRSGR-1
ROADWAY GEOTECHNICAL REPORT.....RGR-1
PHASE II SPECIAL WASTE INVESTIGATION REPORT.....SPWIR-1
BNSF RAILWAY PUBLIC PROJECTS MANUAL.....BNSF-1
U.S. ROUTE 45 LIGHTING PLAN RECORD DRAWINGS.....IDOTLGT-1

ILLINOIS STATE TOLL HIGHWAY AUTHORITY (ILLINOIS TOLLWAY)
SPECIAL PROVISIONS
CONTRACT NUMBER I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
M.P. 20.7 TO M.P. 22.3
STATION 5096+23.33 TO STATION 1176+62.01

S.P. 101 LOCATION AND SCOPE OF WORK

The improvements to be constructed under this contract shall be performed along the Tri-State Tollway (I-294) between Mile Post 20.7 and Mile Post 22.3 in Cook County, Illinois.

The work under this contract includes, but is not limited to:

1. Demolition Existing Bridge Nos. 183 (Partial) and 184 (Partial)
2. Existing Bridge Nos. 191 and 192 Demolition (Partial)
3. Existing Bridge Nos. 183, 184, and 192 Reconstruction (Partial)
4. Bridge Nos. 183 (Partial), 184 (Partial) and 191, Construction
5. Retaining Wall Demolition (Partial)
6. Noise Abatement Wall Demolition
7. Retaining Wall Construction
8. Noise Wall Construction
9. Culverts and Junction Chambers
10. ITS Gantry and Overhead Sign Structure Foundations
11. Enclosed Drainage System Construction
12. Roadway Pavement Construction
13. Pavement Removal
14. Erosion Control and Landscaping
15. Water Main Relocations
16. Roadway Lighting
17. Fire Protection System
18. Partial Asphalt Overlay and Parapet Modifications on SB Mile Long Bridge
19. All other appurtenant and miscellaneous construction shown on the Plans and as required by the Standard Specifications and these Special Provisions.

The following work will require design by the Contractor as it is included in this contract as a performance specification:

1. Performance Based Retaining Walls (Without Moment Slab)
2. Performance Based Noise Abatement Walls (Precast Concrete)
3. Cofferdams
4. Causeways
5. Temporary Soil Retention System (and, To Remain in Place)
6. Temporary Support System (To Remain in Place)
7. Crosshole Sonic Logging Testing
8. Mechanically Stabilized Earth Retaining Walls (and, Special)
9. Temporary Mechanically Stabilized Earth Retaining Walls
10. Erection of Girders
11. Horizontal Cable Lifeline System
12. Load Transfer Platform
13. Temporary Light Pole Support
14. Fire Protection System supports

15. Demolition of Structures
16. Protective Shield
17. Structural Assessment Reports
18. Utility Protection

All applicable provisions of the IDOT Standard Specifications adopted April 1, 2016, herein after referred to as the Standard Specifications, IDOT Supplemental Specifications and Recurring Special Provisions adopted January 1, 2019, Illinois Tollway Supplemental Specifications to said Standard Specifications issued March 30, 2018, and all Illinois Tollway Construction Bulletins in effect at the time of bidding, shall govern this work except as herein amended.

S.P. 102 CONTRACT I-18-4430 INDEX OF DRAWINGS

DRAWING NO.	SHEET NO.			DESCRIPTION
VOLUME 1				
1				TITLE SHEET
2	SGN- 1			SEALS
3 - 6	IND- 1	TO	IND- 4	INDEX OF DRAWINGS AND LIST OF STANDARDS
7	GN- 1			GENERAL NOTES
8 - 9	PRG- 1	TO	PRG- 2	SUGGESTED PROGRESS SCHEDULE
10 - 16	SOQ- 1	TO	SOQ- 7	SUMMARY OF QUANTITIES
17 - 26	SCH- 1	TO	SCH- 10	SCHEDULE OF QUANTITIES
27 - 44	AL- 1	TO	AL- 18	ALIGNMENT, TIES, AND BENCHMARKS
45 - 54	ROW- 1	TO	ROW- 10	ROW PLAN I-294
55 - 71	TYP- 1	TO	TYP- 17	EXISTING AND PROPOSED TYPICAL SECTIONS
<u>TYPICAL - LA GRANGE RD</u>				
72	TYPL- 1			EXISTING & PROPOSED TYPICAL SECTIONS - US 12/20/45 (LAGRANGE ROAD)

S.P. 106 COOPERATION WITH UTILITIES AND OTHERS

The Contractor is responsible for verifying the nature and status of all utility relocation work prior to preparation of the Baseline Schedule. The Contractor shall take appropriate measures to ensure that construction operations do not interfere with utility facilities and relocation work. The Baseline Schedule shall reflect construction sequencing which coordinates with all utility relocation work. The Contractor shall be required to adjust the order of its work from time to time, to coordinate same with utility relocation work, and shall prepare revised Baseline Schedule(s) in compliance therewith as directed by the Engineer.

The provisions of Articles 105.07 and 105.08 of the Illinois Tollway Supplemental Specifications shall apply.

The Illinois Tollway and the Engineer shall be notified in writing by the Contractor at least 96 hours prior to the start of any operation requiring cooperation with others. All other agencies, unless otherwise noted, will be notified in writing by the Contractor ten (10) days prior to the start of any such operation.

Where the Contractor is constructing new facilities for a utility, the utility shall be notified 5 days minimum prior to start of this work, unless otherwise required by the Utility Company.

For all utilities provided below, the contractor shall submit a work plan to the CM for approval two weeks minimum, unless otherwise required by the Utility Company, prior to commencing the work and the Contractor shall provide a full time Watch & Protect person when working adjacent to all the utilities listed below. The Work Plan shall include:

- Short Work Description, including Contract Number, Work Plan Number, Revision Number, and Date of Original Submittal.
- Indicate if work is to be performed by the general contractor or sub-contractor.
- Plan view overall exhibit showing work area in relation to Tollway and adjacent property.
- Plan and Cross-Section exhibit clearly showing work area, location/depth of utility lines, and the path that construction equipment will take in relation to utility lines. Plan and Cross-Section shall note the nearest proximity of Contractor equipment to utility lines and whether crossing will be perpendicular, parallel or skewed.
- Indicate when work is scheduled to start and end.
- Provide attachment of proposed construction equipment loading at each crossing.
- Provide calculations which show the expected maximum pressure exerted on the utility.

The following persons have been contacted in reference to utilities they own and operate within the right of way limits for this project. All known data from these agencies has been incorporated into the plans. It is, however, the Contractor's responsibility to confirm or establish the existence of all utility facilities and their

Village of Willow Springs
8261 Willow Springs Road
Willow Springs, IL 60480
ATTN: Keith Grantland
708.458.2961
kgrantland@willowsprings-il.gov

Westshore
3400 S. Badger Road
Arlington Heights, IL 60005
ATTN: Bill O'Malley
847.878.3428

West Suburban Water Commission (WSWC)
7000 S. Archer Rd.
Justice, IL 60458
ATTN: Colleen Kelly
708.458.7010
ckelly@westsuburbanwater.com

placement shall occur on weekends for short term durations during non-peak hours. Non-peak hours are between 9:00 PM and 4:00 AM. If work hours outside of non-peak hours on weekends are required, the Contractor shall coordinate with the Village of Hodgkins to obtain approval for the exact allowable dates and times for the alternate work hours.

Watermain Relocation Requirements:

- Watermain relocation work along Santa Fe Drive must be completed prior to beginning construction of Pier 19.
- Santa Fe Drive watermain relocation work cannot occur between October 1, 2019 and January 15, 2020 or after October 1, 2020.
- Santa Fe Drive watermain relocation work, including the construction, hot tap, and testing must be completed over two weekend periods. Weekend periods are defined as Friday evening at 7:00 PM through Tuesday morning at 5:00 AM. A single lane of traffic must be maintained during the weekend periods with flaggers at each end of the closure to flag opposing direction vehicles through the traffic control area.

The Contractor is responsible for meeting all requirements of the Village of Hodgkins in connection therewith:

Mr. Jack Scott
Superintendent of Public Works
Village of Hodgkins
8990 Lyons St.
Hodgkins, IL 60525
708.579.6700

S.P. 106.6 COORDINATION WITH THE VILLAGE OF JUSTICE

For construction on or adjacent to any Village roadways, the Contractor will be required to contact the Village of Justice, as listed below, to notify them one week prior to construction of any work in or adjacent to their right of way.

The Contractor is responsible for meeting all requirements of the Village of Justice in connection therewith:

Joe Cekus
8748 West 82nd Place
Justice, IL 60458

S.P. 106.7 COORDINATION WITH THE VILLAGE OF WILLOW SPRINGS

For construction on or adjacent to any Village roadways, the Contractor will be required to contact the Village of Willow Springs, as listed below, to notify them one week prior to construction of any work in or adjacent to their right of way.

The Contractor is responsible for meeting all requirements of the Village of Willow Springs in connection therewith:

Keith Grantland
8261 Willow Springs Road
Willow Springs, IL 60480

The Contractor shall monitor and restrict access to any work areas within the project limits within the limits of the Village of Willow Springs in order to prevent unauthorized personnel from entering the work area.

The Contractor will only be allowed to use Rust Trail for the construction of the detention basin and adjacent retaining wall along SB I-294 within the Village of Willow Springs during the hours provided in SP 109. The construction of these items shall be performed in accordance with SP 103.3.

PRIVATE CROSSINGS PROCESS INSTRUCTIONS

In an effort to improve safety for the communities we serve, our customers and our employees' goal, of the BNSF Railway Company, is to reduce the overall number of grade crossings. With this in mind, you should exhaust all other options and avenues before submitting an application for a NEW private crossing. A crossing may be denied by BNSF for safety and operational reasons and any processing fees that may apply will not be refunded, if denied.

Licensing Process:

1. Once the application package is received by Jones Lang LaSalle Brokerage, Inc. (JLL), the application and drawing will be forwarded to the engineering firm to prepare the Exhibit "A" drawings for the contract. **This process takes approximately 10 to 15 working days.**

2. When the Exhibit "A" is completed, the package will be forwarded to BNSF's Director of Field Safety for approval. **This process will take a minimum of 30 days.**

3. If this is a new crossing, an estimate by BNSF Engineering will be prepared. Costs for private crossings will be determined by BNSF and forwarded to you for approval and payment prior to any work being performed. BNSF will, in all instances, determine costs associated with all work to be performed between rail/track. This may include work performed within the right-of-way. **This will take an additional 30 days minimum.**

4. Once approvals have been received, a contract will be prepared and two (2) copies will be forwarded to you for an original signature. A letter will be sent to you that will provide directions regarding insurance and any additional fees.

5. Return the signed contracts (2 copies with original signatures), along with the appropriate **payment** to JLL's Permit Department.

6. Once the contract is executed, one original signed agreement will be returned to you for your files.

Process Time:

For new crossings the average time period for completion of this process is 10 weeks. Every effort will be made to complete this process in a timely manner.

Please send the following so we may process your License request:

1. **Completed Application**. Include a cover letter providing specific details about your application request.

2. **Application Fees.**

   a. **Existing Crossings** – If this is an *existing* private crossing for Residential, Residential & Farm no application fee is required.

   b. **New or Existing Farm & Ranch, Commercial/Industrial Crossings** – If this is an application for a *new* or *existing* private crossing for commercial/industrial or farm & Ranch use a **$800 non-refundable application fee** is required. This is not in lieu of a permit agreement fee. This would include temporary as well as permanent use. Make check payable to BNSF Railway Company.

3. **A copy of your warranty deed and an associated parcel map for the area to be occupied.** An aerial map from the internet and/or a parcel map should be included referencing surrounding streets, distance from tracks and streets, private crossing DOT # or the milepost location, and any distinguishing land marks. *Please ensure all information is accurate, as each change will add an additional $800 to the application fee.*

4. **Approved Crossing Applications**

   a. The applicant will be provided an agreement for execution and will have a maximum of sixty (60) days to return.

Forward to:
Jones Lang LaSalle Brokerage, Inc.
Attn: Permit Services-Private Crossings
4200 Buckingham Drive
Suite 100
Ft. Worth, TX 76155

BNSF RAILWAY

APPLICATION FOR **PERMANENT** PRIVATE CROSSING

Jones Lang LaSalle Brokerage, Inc.
Attn: Permit Services
4200 Buckingham Drive, Suite 100
Fort Worth, Texas 76155

Applicants Tax ID or SS #

We submit for your approval the following for a private crossing we propose to build across **BNSF RAILWAY COMPANY'S** right-of-way, as shown on the enclosed sketch.

Applicant understands he or she will be requested to sign a crossing permit, which will provide that Applicant will:

1) assume the cost to construct the crossing,
2) furnish insurance as requested by BNSF Railway Company,
3) reimburse BNSF Railway Company for expenses incurred to maintain this crossing and
4) if crossing is temporary assume the cost to remove the crossing

Legal Name to be shown on Permit: _____
If a corporation, State in which incorporated: _____ If not incorporated, attach name(s) of owners or partners.)
Address: _____
Phone #: _____ FAX: _____
Contact Name: _____ Email Address: _____

General Information

Is your company registered with www.bnsfcontractor.com: Yes ☐ No ☐
Is your company registered with Browz: Yes ☐ No ☐
Is this project **ARRA** funded: Yes ☐ No ☐
Is Applicant a Railroad Shipper: Yes ☐ No ☐
If yes, BNSF Marketing Representative name: _____ Phone: _____
Is Applicant working with a BNSF Engineering Representative: Yes ☐ No ☐
If yes, BNSF Engineering Representative name: _____ Phone: _____

Crossing Location & Information:

City _____ County _____ State _____
Crossing is located at RR Milepost _____ DOT # _____ Latitude _____ Longitude _____

Is Crossing New ☐ or Existing? ☐ If Existing does it require rehab? Yes ☐ No ☐

Type of Crossing:

Plank ☐ concrete ☐ Other ☐ Describe: _____
Width of Crossing: 8' ☐ 16' ☐ 24' ☐ 32' ☐ 40' ☐ Other: _____
Specify time period crossing will be required 10 Years ☐ 25 Years ☐
Is the Crossing being used for Residential ☐ Residential & Farm ☐ Farm & Ranch ☐ or Commercial ☐
Number of vehicle crossings a day: 1-5 ☐ 5-10 ☐ 15-20 ☐ 20 + ☐

Type of user vehicle:
Auto ☐ Pickup ☐ Van ☐ Industrial ☐ If Industrial, type. _____
Other private crossings in the vicinity? Yes ☐ No ☐
If yes, give distance / direction from the crossing: _____
What is the distance to the nearest public crossing in either direction: _____

Do you own or lease the land on either side of your crossing: Own ☐ Lease ☐
If leased, provide owners name _____ Phone # _____

If leased please attach written authorization from legal owner with application.

Date: _____ Signed: _____
Print Name: _____
Title: _____

If you require additional assistance, please contact Blake Jung at (817) 230-2651 or Blake.Jung@am.jll.com.

BNSF RAILWAY

APPLICATION FOR **TEMPORARY** PRIVATE CROSSING

Jones Lang LaSalle Brokerage, Inc.
Attn: Permit Services
4200 Buckingham Drive, Suite 100
Fort Worth, Texas 76155

Applicants Tax ID or SS #

We submit for your approval the following for a private crossing we propose to build across **BNSF RAILWAY COMPANY'S** right-of-way, as shown on the enclosed sketch.

Applicant understands he or she will be requested to sign a crossing permit, which will provide that Applicant will:

1) assume the cost to construct the crossing,
2) furnish insurance as requested by BNSF Railway Company,
3) reimburse BNSF Railway Company for expenses incurred to maintain this crossing and
4) if crossing is temporary assume the cost to remove the crossing

Legal Name to be shown on Permit: _____
If a corporation, State in which incorporated: _____ If not incorporated, attach name(s) of owners or partners.)
Address: _____
Phone #: _____ FAX: _____
Contact Name: _____ Email Address: _____

General Information

Is your company registered with www.bnsfcontractor.com: Yes ☐ No ☐
Is your company registered with Browz: Yes ☐ No ☐
Is this project **ARRA** funded: Yes ☐ No ☐
Is Applicant a Railroad Shipper: Yes ☐ No ☐
If yes, BNSF Marketing Representative name: _____ Phone: _____
Is Applicant working with a BNSF Engineering Representative: Yes ☐ No ☐
If yes, BNSF Engineering Representative name: _____ Phone: _____

Crossing Location & Information:

City _____ County _____ State _____
Crossing is located at RR Milepost _____ DOT # _____ Latitude _____ Longitude _____

Is Crossing New ☐ or Existing? ☐ If Existing does it require rehab? Yes ☐ No ☐

Type of Crossing:

Plank ☐ concrete ☐ Other ☐ Describe: _____
Width of Crossing: 8' ☐ 16' ☐ 24' ☐ 32' ☐ 40' ☐ Other: _____
Specify time period crossing will be required. _____
Is the Crossing being used for Residential ☐ Residential & Farm ☐ Farm & Ranch ☐ or Commercial ☐
Number of vehicle crossings a day: 1-5 ☐ 5-10 ☐ 15-20 ☐ 20 + ☐
Type of user vehicle:
Auto ☐ Pickup ☐ Van ☐ Industrial ☐ If Industrial, type. _____
Other private crossings in the vicinity? Yes ☐ No ☐
If yes, give distance / direction from the crossing: _____
What is the distance to the nearest public crossing in either direction: _____

Do you own or lease the land on either side of your crossing: Own ☐ Lease ☐
If leased, provide owners name _____ Phone # _____

If leased please attach written authorization from legal owner with application.

Date: _____

Signed: _____
Print Name: _____
Title: _____

If you require additional assistance, please contact Blake Jung at (817) 230-2651 or Blake.Jung@am.jll.com

BNSF RAILWAY COMPANY CONTRACTOR REQUIREMENTS

1.01 General:

- **1.01.01** The Contractor must cooperate with **BNSF RAILWAY COMPANY**, hereinafter referred to as "**Railway**" where work is over or under on or adjacent to Railway property and/or right-of-way, hereafter referred to as "Railway Property", during the construction of I-294 Tollway Overpass (004339F) reconstruction.

- **1.01.02** The Contractor must execute and deliver to the Railway duplicate copies of the Exhibit "C-1" Agreement, in the form attached hereto, obligating the Contractor to provide and maintain in full force and effect the insurance called for under Section 3 of said Exhibit "C-1". Questions regarding procurement of the Railroad Protective Liability Insurance should be directed to Rosa Martinez at Marsh, USA, 214-303-8519.

- **1.01.03** The Contractor must plan, schedule and conduct all work activities so as not to interfere with the movement of any trains on Railway Property.

- **1.01.04** The Contractor's right to enter Railway's Property is subject to the absolute right of Railway to cause the Contractor's work on Railway's Property to cease if, in the opinion of Railway, Contractor's activities create a hazard to Railway's Property, employees, and/or operations. Railway will have the right to stop construction work on the Project if any of the following events take place: (i) Contractor (or any of its subcontractors) performs the Project work in a manner contrary to the plans and specifications approved by Railway; (ii) Contractor (or any of its subcontractors), in Railway's opinion, prosecutes the Project work in a manner which is hazardous to Railway property, facilities or the safe and expeditious movement of railroad traffic; (iii) the insurance described in the attached Exhibit C-1 is canceled during the course of the Project; or (iv) Contractor fails to pay Railway for the Temporary Construction License or the Easement. The work stoppage will continue until all necessary actions are taken by Contractor or its subcontractor to rectify the situation to the satisfaction of Railway's Division Engineer or until additional insurance has been delivered to and accepted by Railway. In the event of a breach of (i) this Agreement, (ii) the Temporary Construction License, or (iii) the Easement, Railway may immediately terminate the Temporary Construction License or the Easement. Any such work stoppage under this provision will not give rise to any liability on the part of Railway. Railway's right to stop the work is in addition to any other rights Railway may have including, but not limited to, actions or suits for damages or lost profits. In the event that Railway desires to stop construction work on the Project, Railway agrees to immediately notify the following individual in writing:

David McGibbon
Chief Engineering Officer
Illinois Tollway

- **1.01.05** The Contractor is responsible for determining and complying with all Federal, State and Local Governmental laws and regulations, including, but not limited to environmental laws

each and every one of its employees, subcontractors, agents or invitees possesses a card certifying completion of the Railway Contractor Safety Orientation before entering Railway Property. The Contractor is responsible for the cost of the Railway Contractor Safety Orientation. The Contractor must renew the Railway Contractor Safety Orientation annually. Further clarification can be found on the web site or from the Railway's Representative.

1.03 Railway Requirements

- **1.03.01** The Contractor must take protective measures as are necessary to keep railway facilities, including track ballast, free of sand, debris, and other foreign objects and materials resulting from his operations. Any damage to railway facilities resulting from Contractor's operations will be repaired or replaced by Railway and the cost of such repairs or replacement must be paid for by the Agency.

- **1.03.02** The Contractor must notify the Railway's Division Engineer Calvin Nutt at (763) 782-3495 and provide blasting plans to the Railway for review seven (7) calendar days prior to conducting any blasting operations adjacent to or on Railway's Property.

- **1.03.03** The Contractor must abide by the following temporary clearances during construction:

    - 15'-0" Horizontally from centerline of nearest track
    - 21'-6" Vertically above top of rail
    - 27'-0" Vertically above top of rail for electric wires carrying less than 750 volts
    - 28'-0" Vertically above top of rail for electric wires carrying 750 volts to 15,000 volts
    - 30'-0" Vertically above top of rail for electric wires carrying 15,000 volts to 20,000 volts
    - 34'-0" Vertically above top of rail for electric wires carrying more than 20,000 volts

- **1.03.04** Upon completion of construction, unless otherwise approved, the clearances in the approved Project Plans shall be maintained.

- **1.03.05** Any infringement within State statutory clearances due to the Contractor's operations must be submitted to the Railway and to the Illinois State Highway Toll Authority and must not be undertaken until approved in writing by the Railway, and until the Illinois State Highway Toll Authority has obtained any necessary authorization from the State Regulatory Authority for the infringement. No extra compensation will be allowed in the event the Contractor's work is delayed pending Railway approval, and/or the State Regulatory Authority's approval.

- **1.03.06** In the case of impaired vertical clearance above top of rail, Railway will have the option of installing tell-tales or other protective devices Railway deems necessary for protection of Railway operations. The cost of tell-tales or protective devices will be borne by the Agency.

- **1.03.07** The details of construction affecting the Railway's Property and tracks not included

ADDITIONAL BNSF REQUIREMENTS:

The Contractor is required to follow all requirements in the BNSF Public Projects Manual, Final Version June 29, 2018 (see Appendix) when performing operations with BNSF right-of-way.

The Contractor is required to closely coordinate all activities occurring within railroad right-of-way with BNSF, Arro, and Fresh Logistics. An overall plan of track interruptions must be coordinated with BNSF a minimum of 30 days prior to the interruption. Depending on the anticipated duration of the interruption, the notice to the BNSF will vary. For information, interruptions of 30 minutes up to 2 hours will require a minimum of 14 days notice once the overall plan has been reviewed and approved by the BNSF. Interruptions longer than 2 hours will require more advanced notice to BNSF and are required to be requested a minimum of 8 weeks in advance of the desired occurrence. The Contractor shall determine these time lines from BNSF at the time of the overall track outage plan. Availability of work windows is subject to the discretion of BNSF and is not considered cause for Contractor delay or reimbursement. The Contractor shall coordinate with BNSF to obtain approval for the exact allowable dates and times for the extended work hours. No work within the railroad right-of-way, which as determined by BNSF could cause delays or interruption of service, will be allowed from October 1st to January 31st of each year. No equipment or personnel shall be within the railroad right-of-way outside of the allowable hours provided. Flaggers are required to be utilized throughout the entire duration of all work occurring within railroad right-of-way. Prior to the commencement of any work within the railroad right-of-way, the Contractor shall submit a request to BNSF no later than 8 weeks prior to entering the railroad right-of-way. For informational purposes, mainline track maintenance typically occurs from 6:00AM to 10:00AM Wednesday, Saturday, and Sunday. However, maintenance can occur outside of these timeframes. For informational purposes, work occurring within a rail yard typically allows for more frequent work windows. BNSF approval of contractor operations are subject to change at any time.

BNSF will only allow a single track to be impacted for work to be performed at any given time. Any operations which absolutely require multiple track impacts within a single timeframe will require additional advanced notice to BNSF. All work that impacts BNSF operations or tracks requires prior approval from BNSF.

Any Contractor operation that causes train shut down and or delay to BNSF trains, beyond what has been approved, will result in restriction of Contractor operations and access and may result in BNSF imposed fines to be paid by the Contractor. These restrictions are at the sole cost of the Contractor and the Contractor will not be eligible for any additional compensation or schedule recovery.

The Contractor shall secure and maintain all construction access to the portion of the BNSF property from 75th Street to the Des Plaines River throughout the duration of the contract. Gates at all vehicle access points shall be closed and locked during non-working hours and monitored by onsite security staff to limit access to only Contract I-18-4430 personnel and equipment. The gated entrance from Santa Fe Drive will need to be secured by a lock provided by the Contractor, but a daisy-chained lock will also need to be coordinated with BNSF so that they are able to access this gated entrance.

Any work within 5 feet of any BNSF utility line will require hand digging and full exposure of the line in the working area prior to the use of any machinery.

Contractor access to the area surrounding both the existing MOW building and future relocated MOW building will be limited. If absolutely necessary the Contractor shall provide 2 weeks notice prior impacting BNSF MOW parking. The Contractor shall submit a proposed work plan to the Engineer and the BNSF for approval. Temporary parking areas have been identified in the plans.

Temporary Grade Crossings over the BNSF Intermodal Yard tracks on the east side of the bridge are planned to be installed by BNSF forces under a separate Construction and Maintenance Agreement with the Tollway. Contractor shall be required to coordinate with BNSF to verify crossing locations shown on the plans and submit the crossings permit application as soon as possible after project notice to proceed. The crossings are anticipated to be available to the contractor no earlier than August 30, 2019.

Removal and reinstallation of Arro tracks and ballast for construction of sewer P609 as shown on the plans on the east side of the bridge are planned to be performed by BNSF forces under a separate Construction and Maintenance Agreement with the Tollway.

The existing BNSF Communications Tower in the vicinity of Proposed Pier 23 will remain. Utilities feeding the Communications tower are unknown. The Contractor shall locate these utilities in coordination with the BNSF. Any temporary obstruction to the tower must be coordinated with BNSF.

Duration for BNSF review and approval of contractor submittal of C and C1 agreements is anticipated to be 90 days. The release of liability and indemnity within exhibit C-1 is to the extent allowable by law.

		• 2" Preformed Joint Filler • Formliner and staining • Concrete coping, concrete coping seal slope, dowels and reinforcement • Granular subbase and excavation for granular subbase material • Closure piece • Preformed joint filler • Overexcavation beyond the limits of structure excavation
JI704012 JI704014	FURNISH AND INSTALL TEMPORARY CONCRETE BARRIER TO REMAIN IN PLACE RELOCATE TEMPORARY CONCRETE BARRIER, TO REMAIN IN PLACE	• Plug lifting slots at locations shown on the plans for drainage purposes. The method for plugging the slots shall be submitted to the Engineer for review and approval
JS734A10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, SPAN TYPE	• Soil testing, excavation, soil disposal and porous granular backfill • Galvanized anchor bolts, nuts, washers and anchor plate • Grounding system • Concrete sealer
JS734G10	FOUNDATION FOR ITS GANTRY FRAME	• Soil testing and soil disposal • Galvanized anchor bolts, nuts, washers and positioning plate • Anchor plate (not galvanized) • Conduit, fittings and grounding system • Normal surface finish
JT508010	REINFORCEMENT BARS, STAINLESS STEEL	• Headed bars
JT900099	LOAD TRANSFER PLATFORM	• Geosynthetic materials • Aggregates

Contractor shall identify and obtain engineer approval for traffic loading on all drainage and utility structures within the temporary traveled way prior to shifting traffic. Necessary modifications to drainage and utility structures shall be installed as directed by engineer. At a minimum the contractor shall tack weld all frame and grates that are located within a driving lane during the pre-stage to the satisfaction of the engineer.

In the event of snow the Contractor will be responsible for the immediate removal of any maintenance of traffic devices required for construction operations that would interfere with the snow removal performed by the Illinois Tollway. The Contractor should note that during a snow event, snow may be plowed into the construction zone. The Contractor will be responsible for restoring the maintenance of traffic devices after the completion of the snow removal operations. All snow accumulated within the bridge work area shall be hauled away outside of the bridge limits and no snow shall be pushed or thrown off the bridges.

ALLOWABLE LANE CLOSURES

Temporary lane closures within the contract limits will be permitted only with the Illinois Tollway's approval. All temporary lane and shoulder closures must be approved by the Illinois Tollway and shall be submitted by the Contactor to the Engineer by 7:00 AM weekdays at least one business day before the closure. The lane closure coordination must be routed through the Engineer and no contact should be made directly with the Illinois Tollway. In addition, closures along the Central Tri-State Tollway (I-294) shall be in accordance with the Illinois Tollway's Standard E2, Lane Closure Details.

DAY	POSSIBLE DAILY SHOULDER CLOSURE TIMES M.P. 20 to M.P. 23	
	Northbound	Southbound
Monday-Sunday	9:00 a.m.- 3:00 p.m.	9:00 a.m.- 3:00 p.m.

DAY	POSSIBLE 1-LANE CLOSURE TIMES M.P. 20 to M.P. 23	
	Northbound	Southbound
Monday	8:00 p.m.- 5:00 a.m. Tues.	8:00 p.m.- 5:00 a.m. Tues.
Tuesday	8:00 p.m.- 5:00 a.m. Wed.	8:00 p.m.- 5:00 a.m. Wed.
Wednesday	8:00 p.m.- 5:00 a.m. Thru.	8:00 p.m.- 5:00 a.m. Thru.
Thursday	8:00 p.m.- 5:00 a.m. Fri.	8:00 p.m.- 5:00 a.m. Fri.
Friday	10:00 p.m.- 8:00 a.m. Sat.	10:00 p.m.- 10:00 a.m. Sat.
Saturday	6:00 p.m.- 10:00 a.m. Sun.	10:00 a.m.- 10:00 a.m. Sun.
Sunday	8:00 p.m.- 5:00 a.m. Mon.	10:00 a.m.- 5:00 a.m. Mon.

JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18"X18"X8"

Description. This work shall consist of installing a grade 316 stainless steel junction box attached to the face of a median pier column for the proposed underpass lighting where shown on the Contract Plans.

Material. The contractor shall furnish and install two (2) 2-pole 30A, 600 Volt circuit breakers (Eaton HFD or other approved by the Tollway and responsible engineer), two (2) surge protection devices (in accordance with article 1065.02 of the standard specifications) and sufficient 30 ampere, 600 volt terminal blocks to split 480 volt wiring from circuit breaker to two (2) no. 10 wires for each luminaire. The box shall also include a ½" thick grade 316 stainless steel mounting plate and 3/8" grade 316 stainless steel threaded U-bolts.

The junction box shall be grade 316 stainless steel and in accordance with Article 1088.04 of the Standard Specifications.

The fasteners shall be grade 316 stainless steel and in accordance with Article 1088.03 of the Standard Specifications.

Box shall have continuous formed, seamless gasket. Gasket shall be neoprene high temperature resistant high density.

The junction box and all associated components and fasteners shall be in accordance with the Illinois Tollway Standard Drawing H9-01.

CONSTRUCTION REQUIREMENTS

General. The conduit along with all associated fittings and fasteners shall be installed in accordance with Article 813 of the Illinois Tollway Supplemental Specifications.

Method of Measurement. This work will be measured for payment in units per each junction box installed, which includes all work described herein.

Basis of Payment
This work will be paid for at the Contract unit price each for JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18"X18"X8".

Pay Item Number	Designation	Unit of Measure
JS813083	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18"X18"X8"	EACH

JOINTED PLAIN CONCRETE PAVEMENT FOR COMPOSITE PAVEMENT (Illinois Tollway)
Effective: January 3, 2019
Revised: January 28, 2019

DESCRIPTION
This work shall consist of constructing jointed plain concrete pavement as part of a composite pavement section of stone matrix asphalt over concrete pavement constructed on stabilized subbase in accordance with Section 420, except as herein modified.

MATERIALS
Materials shall be according to Article 420.02 of the Standard Specifications except as modified herein:

Concrete supplied for the concrete pavement under this special provision will be an Illinois Tollway Class TL mix designed in accordance with the Performance Related Special Provision for Ternary Concrete Mix Designs for Portland Cement Concrete Pavement. The curing method shall be according to Article 1020.13(a)(1)(2)(3)(4)(5) except when using 1020.13(a)(4), only Type II membrane curing compound (clear or translucent with fugitive dye) according to Article 1022.01(b) shall be used.

EQUIPMENT
Equipment shall be according to Article 420.03 of the Standard Specifications.
Add the following to Article 420.03 of the Standard Specifications.
"(m) Mechanical Dowel Bar Inserter .....1103.20"

CONSTRUCTION REQUIREMENTS

Construction of Jointed Plain Concrete Pavement for Composite Pavement shall be according to Articles 420.04 through 420.18 of the Standard Specifications except as modified herein.

Revise Article 420.05(c) of the Standard Specifications to read:

"(c) Transverse Contraction Joints. Transverse contraction joints shall consist of planes of weakness created by sawing grooves in the surface of the pavement and shall include load transfer devices consisting of dowel bars. The Contractor shall detail his methodology for ensuring correct placement of dowel bars and correct sawing of the joints. Transverse contraction joints shall be according to the following."

Revise Article 420.05(c)(2) of the Standard Specifications to read:

"(2) Dowel Bars. Dowel Bars shall be installed parallel to the centerline of the pavement and parallel to the proposed pavement surface. Installation shall be according to one of the following methods.

a. Dowel Bar Assemblies. The assembly shall act as a rigid unit with each component securely held in position relative to the other members of the assembly. The entire assembly shall be securely installed.

Metal stakes shall be used; nails, clips or a combination of shall not be used. The stakes shall loop over or attach to the top parallel spacer bar of the assembly and penetrate the subgrade or subbase at least 12 inches.

Prior to placing concrete, any deviation of the dowel bars from the correct horizontal or vertical alignment (horizontal skew or vertical tilt) greater than 3/8 in. in 12 in shall be corrected and a light coating of oil shall be uniformly applied to all dowel bars.

The horizontal support wires or shipping tie wires of the dowel bar assembly shall be cut near the welds and removed from the stabilized subbase prior to concrete placement.

Care shall be exercised in depositing the concrete at the dowel bar assemblies so the horizontal and vertical alignment will be retained.

b. Dowel Bar Insertion. The dowel bars may be placed in the pavement slab with a mechanical dowel bar inserter (DBI) attached to a formless paver for pavements ≥ 7.0 in. in thickness. A light coating of oil shall be uniformly applied to all dowel bars.

The DBI shall insert the dowel bars with vibration into the plastic concrete after the concrete has been struck off and consolidated without deformation of the slab. After the bars have been inserted, the concrete shall be refinished and no voids shall exist around the dowel bars. The forward movement of the paver shall not be interrupted by the inserting of the dowel bars.

The location of each row of dowel bars shall be marked in a manner to facilitate where to insert the bars, and where to saw the transverse joint."

Add the following to Article 420.05(c) of the Standard Specifications.

"(3) Placement Tolerances for Dowel Bars. Place the dowel bars in the concrete pavement within the following tolerances.

a. Longitudinal Translation (Sideshift). Longitudinal translation (sideshift) shall be defined as the position of the center of the dowel bar along the longitudinal axis, in relation to the sawed joint.

Each joint shall have at least three dowel bars per wheelpath with a minimum embedment length of 6.0 inches. The left and right wheelpaths shall be determined by excluding the middle 2.5 ft of the striped pavement lane. Embedment length shall be defined as the length of dowel bar embedded on the short side of the sawed joint. An unacceptable joint shall be replaced with a Class B patch or one or more dowel bar retro fits.

b. Vertical Translation (Mislocation). Vertical translation (mislocation) shall be defined as the difference in the vertical position of the dowel bar relative to the theoretical midpoint of the slab.

Any joint having a dowel bar with top concrete cover less than 3.5 inches, will be considered unacceptable and shall be removed. Any joint having 2 or more dowel bars with bottom concrete cover less than 2.0 in. will also be considered unacceptable. An unacceptable joint shall be replaced with a Class B patch or one or more dowel bar retro fits.

c. Vertical Tilt or Horizontal Skew (Misalignment). Vertical tilt or horizontal skew (misalignment) shall be defined as the difference in position of the dowel bar ends with respect to each other. Vertical tilt is measured in the vertical axis whereas horizontal skew is measured in the horizontal axis. Misalignment shall be measured in terms of a joint score. The joint score shall be defined as the degree of misalignment evaluated for a single transverse joint for each lane of pavement. The joint score shall be determined as follows:

$$Joint\ Score = \left(1 + \left(\frac{x}{x-n}\right)\sum_{i=1}^{x-n} W_i\right)$$

where:

$W_i =$ weighting factor (Table 1.) for dowel i
$x =$ number of dowels in a single joint
$n =$ number of dowels excluded from the joint score calculation due to measurement interference

Maximum Dowel Misalignment – The degree of misalignment applicable to a single dowel bar, calculated as:

$$Maximum\ Dowel\ Misalignment = |max\{Misalignment_{vertical\ tilt}, Misalignment_{horizontal\ skew}\}|$$

Table 1.	
Maximum Dowel Misalignment (d)	Weighting Factor (i)
d < 0.6 in.	0
0.6 in < d < 0.8 in.	2
0.8 in. < d < 1 in.	4
1 in. < d < 1.5 in.	5

A dowel bar with a vertical tilt or horizontal skew (maximum dowel misalignment) greater than 1.5 in. shall be cut. If more than one dowel bar per wheel path is required to be cut in the joint, the joint will be considered unacceptable. An unacceptable joint shall be replaced with a Class B patch or one or more dowel bar retro fits.

Single dowel bar misalignment shall be controlled as to not exceed a maximum joint score of 12.

A joint score greater than the specified maximum will be considered locked. Four consecutive joints with a score greater than the specified maximum total score will all be considered unacceptable.

Four consecutive locked joints shall be corrected by selecting one joint and cutting one or several dowel bars. Preference shall be given to cutting a dowel bar within the middle 2.5 ft of the pavement lane to avoid the wheelpaths. If none of the four locked joints will have a joint score less than or equal to 12 after selecting one or several dowel bars to cut, one of the joints shall be replaced with a Class B patch.

d. The Contractor shall submit the method of repair including materials and techniques to the Engineer for approval prior to repair.

For all rejection issues, ensure that a minimum of three bars per wheelpath are acceptable.

If remediation is required, a corrective action plan shall be submitted in writing to the Engineer prior to the next day of production after results are submitted to the Contractor. The corrective action plan shall address improvements to construction methods to address dowel bar misalignment.

(4) Testing of Dowel Bar Placement. The Contractor shall facilitate the dowel bar alignment testing by cleaning all transverse contraction joints following saw cutting activities. The placement of the dowel bars will be tested by the Tollway with the MIT SCAN2-BT or an equivalent device that conforms to ASTM E3013 – 17: Standard Test Method for Evaluating Concrete Pavement Dowel Bar Alignment Using Magnetic Pulse Induction.

The Tollway will notify the Contractor prior to dowel bar alignment testing. The device shall be calibrated to the type and size dowel bar used in the work according to the manufacturer's instructions.

a. Test Section. The first day of production will be considered the test section. The test section will be considered acceptable when the following Production Control Requirements are met:

Production Control Tolerances from Plan, Per Bar	
Sideshift	2.0 inches
Vertical Translation Above Midpoint	0.75 inch
Vertical Translation Below Midpoint	1.0 inch
Horizontal Skew (Misalignment)	1.0 inch
Vertical Tilt (Misalignment)	1.0 inch

1. 90 percent of the dowel bars meet the Production Control tolerance for sideshift (longitudinal translation/ mislocation) or minimum cover (vertical translation/ mislocation);

2. 90 percent of the dowel bars meet the Production control tolerance for vertical tilt or horizontal skew deviation (misalignment); and

3. None of the joints are considered unacceptable prior to a corrective measure for mislocation or misalignment.

If the test section fails, the Contractor shall submit, in writing for review and approval by the Engineer, a plan as to how dowel bar alignment will be controlled prior to the next placement. The next day's paving will be considered a test section.

b. Production Paving.

The Tollway will test all transverse joints. If three consecutive days of paving result in less than 5 percent of the joints on each day being unacceptable prior to a corrective measure, the Tollway may reduce the testing frequency.

c. Test Report.

1. Electronic Reporting. The test reports shall be an MS-Excel spreadsheet with an embedded map showing dowel bar layout in horizontal and side views as produced by the device software. The latest version of the device's manufacturer provided software will be used.

The electronic report will include the following:

1. Contract number, date, highway number and direction of traffic.
2. Joint number, lane number and station.
3. Bar number and x-location of dowel bar.
4. Horizontal skew and vertical tilt (misalignment) in inches.
5. Embedment (Sideshift) in inches.
6. Depth to center of dowel bar in inches.
7. Depth to the top end of the dowel bar in inches.
8. Joint Score.
9. All out-of-tolerance readings shall be highlighted in red.
10. Joint images generated by the latest MagnoProof software.

(2.) Test Section Reporting. Test Section reports will be provided to the Contractor within one working day of the test section being made available by the Contractor for testing.

(3.) Production Reporting. Test reports will be provided to the Contractor within two working days of completing each day's testing.

d. If the Illinois Tollway determines that the measurement data for a dowel bar is affected by magnetic interference, then the dowel bar shall be evaluated using other means. If the magnetic interference occurs at a longitudinal joint, the Contractor shall verify proper tie bar placement and remediate the longitudinal joint to the satisfaction of the Engineer."

Add the following to Article 420.07 of the Standard Specifications:

"When the surface temperature, as measured with a device approved by the Engineer, of the Stabilized Subbase is 115 °F or greater the Contractor shall spray the Stabilized Subbase with a water mist with equipment that meets the approval of the Engineer. The Stabilized Subbase shall be cooled below 115 °F prior to paving on top. The water spray shall not produce excessive water runoff or leave puddles on the Stabilized Subbase at the time of paving. All cooling shall be completed a minimum of 10 minutes prior to paving. The surface temperature shall be monitored during the paving operation to determine if the Stabilized Subbase requires re-spraying. The water used shall meet the requirements of Section 1002 of the Standard Specifications."

Remove Article 420.08 Placement of Reinforcement.

Revise the first paragraph of Article 420.09(a)(3) of the Standard Specification to read:

(3) Vibrating Screed. An approved vibrating screed may be used to strike off, consolidate, and finish variable width pavement up to 14 ft, or pavement less than 10 ft in uniform width but for no longer than 200 ft in length. The vibration shall be shut off whenever forward motion of the screed is stopped.

Revise the first paragraph of Article 420.09(e) of the Standard Specification to read:

"(e) Final Finish. Final finish shall be a Type B turf drag according to Article 420.09(e)(2). If the jointed plain concrete pavement section of the composite pavement is to be opened to public traffic, a Type A final finish according to Article 420.09(e)(1) shall be required."

Revise Article 420.10 of the Standard Specifications to read:

"**420.10 Surface Tests.** The Contractor shall test the surface for trueness in each wheelpath. The Engineer shall witness surface testing. The surface will be tested by means of a 16 ft straightedge placed parallel to the centerline of the pavement, parallel to the grade line, and touching the surface. Surface variations which exceed 3/16 in. will be marked and shall be removed with pavement surface grinding equipment prior to the asphalt overlay.

Membrane curing damaged during testing shall be repaired as directed by the Engineer at no additional cost to the Department.

Curing and protective covers, if used, shall be removed from the pavement for the required straightedge measurements and properly replaced when the testing is completed according to Article 1020.13(b)."

Remove Article 420.12 Sealing Joints.

Revise Article 420.13 of the Standard Specifications to read:

"**420.13 Opening to Traffic.** The concrete pavement shall be opened to construction vehicles meeting legal axle weights (legal loads) no less than 3 days (72 hours) after placement, and with compressive strength of a minimum of 2,500 psi as tested in accordance with Illinois Modified AASHTO T 22. Strength testing to determine early opening to construction traffic shall be at the discretion of the Contractor. Strength shall be defined as the average of at least two cylinder specimens. The wheels of any

construction vehicle shall not travel within 1 foot of any free edge of the pavement until 5 days after placement. Traffic and operations involved with the asphalt overlay or public traffic cannot occur until the pavement reaches 3500 psi as tested in accordance with Illinois Modified AASHTO T 22. Strength shall be defined as the average of at least two cylinder specimens."

Revise Article 420.15 of the standard Specifications to read:

"**420.15 Tolerance in Thickness.** Determination of pavement thickness, computation of thickness, and requirements relative to deficient thickness shall be according to Article 407.10(b), except for the option of correcting deficient pavement with additional lift(s) shall not apply.

The final elevation of the finished surface of the jointed plain concrete pavement for the composite pavement shall be constructed to allow for the asphalt overlay to be placed at the specified thickness(es).

Tollway Materials may independently verify thickness with the MIT Scan T2 device or an approved equivalent with AASHTO Standard T 359-16. The device shall be calibrated per manufacturer standards and validated using the Illinois Tollway's MIT Scan-T2 validation system and should be operated within the manufacturer's tolerances.

Random locations for Independent verification shall be determined according to ASTM D3665."

Remove Article 420.16 Pavement Connector for Bridge Approach Slab.

Remove Article 420.17 Adjacent to Railroad Grade Crossing.

Remove Article 420.18 Protective Coat Application.

Add the following to Section 1103 of the Standard Specifications.

"**1103.20 Mechanical Dowel Bar Inserter.** The mechanical dowel bar inserter (DBI) shall be self-contained and supported on the formless paver with the ability to move separately from the paver. The DBI shall be equipped with insertion forks along with any other devices necessary for finishing the concrete the full width of the pavement. The insertion forks shall have the ability to vibrate at a minimum frequency of 3000 VPM."

METHOD OF MEASUREMENT

Revise Article 420.19 of the Standard Specification to read:

"**420.19 Method of Measurement.** This work will be measured for payment as follows.

(a) Contract Quantities. The requirements for the use of contract quantities shall conform to Articles 202.07(a)

(b) Measured Quantities. JOINTED PLAIN CONCRETE PAVEMENT FOR COMPOSITE PAVEMENT will be measured for payment in place and the area computed in square yards. The length will be measured along the centerline of the surface of each roadway or ramp. The width will be the width of pavement as shown on the plans."

BASIS OF PAYMENT

Revise Article 420.20 of the Standard Specification to read:

"**420.20 Basis of Payment.** This work will be paid for at the contract unit price per square yard for JOINTED PLAIN CONCRETE PAVEMENT FOR COMPOSITE PAVEMENT of the total thickness specified."

Pay Item Number	Designation	Unit of Measure
JT420104	JOINTED PLAIN CONCRETE PAVEMENT FOR COMPOSITE PAVEMENT 11"	SQ YD

JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 42"X36"X16"

Description. This work shall consist of installing a grade 316 stainless steel junction box suspended from bridge deck for the proposed fiber optic backbone conduit where shown on the Contract Plans. This work shall include grade 316 stainless steel struct, anchors and fasteners as required.

Material. The junction box shall be grade 316 stainless steel and in accordance with Article 1088.04 of the Standard Specifications.

The fasteners shall be grade 316 stainless steel and in accordance with Article 1088.03 of the Standard Specifications.

Box shall have continuous formed, seamless gasket. Gasket shall be neoprene high temperature resistant high density.

The junction box and all associated components and fasteners shall be in accordance with the plans.

CONSTRUCTION REQUIREMENTS

General. Work shall be in accordance with Article 813 of the Standard Specifications, and as supplemented in Article 813 of the Illinois Tollway Supplemental Specifications.

Method of Measurement. This work will be measured for payment in units of each junction box installed, which includes all work described herein.

Basis of Payment
This work will be paid for at the Contract unit price per each for JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, of the size indicated.

Pay Item Number	Designation	Unit of Measure
JT813015	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 42"X36"X16"	EACH

Technical Memorandum

To: Robert Hong (HWL)

From: Drew Ptak and Richard Realeza (GSI)

cc: Mike Zorn (HWL) and Rick Cholewa (HWL)

Subject: ISHTA Project RR-14-14-4221
I-294 MLB Geotech. Recommendations
Proposed Noise Abatement Wall 1E (TS20.71N,NB) at NB I-294,
between Archer Avenue Interchange and S. LaGrange Road crossings

Date: 02/08/2019

HWL Design Team,

As requested, GSI has prepared a technical memorandum for the design of the proposed Noise Abatement Wall 1E as part of the Mile-Long Bridge Reconstruction Project along I-294. The proposed Noise Abatement wall 1E is located along I-294 Northbound, between Archer Avenue Interchange and S. LaGrange Road crossings in Cook County, Illinois. The proposed abatement wall limits will span from Station 1500+00 to 1504+93.32 (along NW1E-P-W-001 alignment).

Based on the information received from the designer, the proposed Noise Abatement Wall 1E will be a ground mounted noise abatement wall, with total length of about 493 feet. The noise abatement wall 1E will be performance based wall.

The Mile Long Bridge (Contract RR-14-4221) borings (4221-OSB-001 and 4221-SGB-027) were drilled in the month of December, 2017 by Geo Services, Inc. (GSI). In addition to the Mile Long Bridge borings, some borings from Tollway Contract I-17-4296 (drilled in the months of March and December, 2018) will also be used to supplement the Mile Long Bridge (Contract RR-14-4221) borings. The Tollway Contract I-17-4296 borings are attached in this technical memo.

Borings along the Noise Abatement Wall 1E alignment indicate asphalt ranging from 6 to 12 inches thick, followed by about 1 to 2 feet of loose to medium dense to very dense crushed stone fill to elevations ranging from 616 to 619 feet. Beneath the asphalt and crushed stone fill material, fill layers of stiff to hard clay loam to silty and/or sandy clay loam to elevations ranging from 587 to 597 feet. Buried topsoil (depths of 3 to 4 feet) was noted at borings 4296-RWB-235 and 4296-RWB-240 to approximate elevations 594 and 589 feet, respectively. Interstratified stiff to hard silty clay to clay loam, dense to very dense silt and clayey sand and gravel materials were encountered underneath the fill and/or buried topsoil layers to approximate elevation 556 feet before the stratigraphy transitioned to very dense sand, gravel and fractured rock material to approximate elevation 545 feet. Boulders and cobbles were noted at boring 4296-RWB-235 at approximate elevation 557 feet. Majority of the borings along Wall 1E alignment did not encounter groundwater, with the exception of borings 4296-NWB-038 and 4221-OSB-001, which encountered groundwater (during drilling) at approximate elevations 617 and 589 feet, respectively.

Seismic Design Parameters are in the Table 1 below:

Table 1, Seismic Design Parameter

Seismic Performance Zone (SPZ) =	**1**
Design Spectral Acceleration at 1.0 sec. (SD1) =	**0.105g**
Design Spectral Acceleration at 0.2 sec. (SDs) =	**0.135g**
Soil Site Class =	**D**

Table 2 below may be utilized for lateral analysis (L-pile) for noise wall foundations

Table 2 - Recommended Soil Parameters for Lateral Load Analysis at Wall 1E Alignment

Material (Approximate Elevation, feet)	Unit Weight (pcf)	Undrained Shear Strength (psf)	Estimated Friction Angle (°)	Estimated Lateral Soil Modulus Parameter, k (pci)	Estimated Soil Strain Parameter, ε50
Crushed Stone Fill 622 to 619	130	n/a	32	90	--
Silty Clay to Clay Loam Fill 619 to 587	120	1000	28	300	0.006
Buried Topsoil [1] 598 to 594	90	0	10	--	--
Stiff to Very Stiff Silty Clay to Clay Loam 594 to 581	125	1700	0	600	0.006
Dense Silt, Loam, and Clayey Sand and Gravel [2] 581 to 556	130	0	32	90	--
Very Stiff to Hard Clay to Clay Loam 556 to 545	125	3500	0	1200	0.004
Sand, Gravel and Fractured Rock 545 to 538	130	n/a	34	125	--

Notes: 1. Buried Topsoil only encountered at borings 4296-RWB-235 and 4296-RWB-240.
2. Cobbles and boulders only encountered at boring 4296-RWB-235 at approx. elevations 562 and 557 feet.

Drilled shafts are feasible foundation type for the proposed noise abate walls. It should be noted that a temporary casing may need to be utilized due to the presence of granular soils in some boring locations along the wall alignment.

The calculated factored tip and side resistances are in clay included in Table 3 below assuming a 3 feet diameter shaft.

Table 3 – Recommended Factored Tip and Side Resistances (3-ft Diameter Shaft)

Penetration of the shaft (depth, feet)	Factored Unit Side Resistance (ksf)	Factored Unit Tip Resistance (ksf)	Total Factored Resistance (kips)
10	0.3	3.6	49.0
15	0.3	3.6	60.8
20	0.3	3.6	72.6
25	0.3	3.6	84.4
30	0.4	6.1	162.0

The calculated factored tip and side resistances are in clay included in Table 4 below assuming a 4 feet diameter shaft.

Table 4 – Recommended Factored Tip and Side Resistances (4-ft Diameter Shaft)

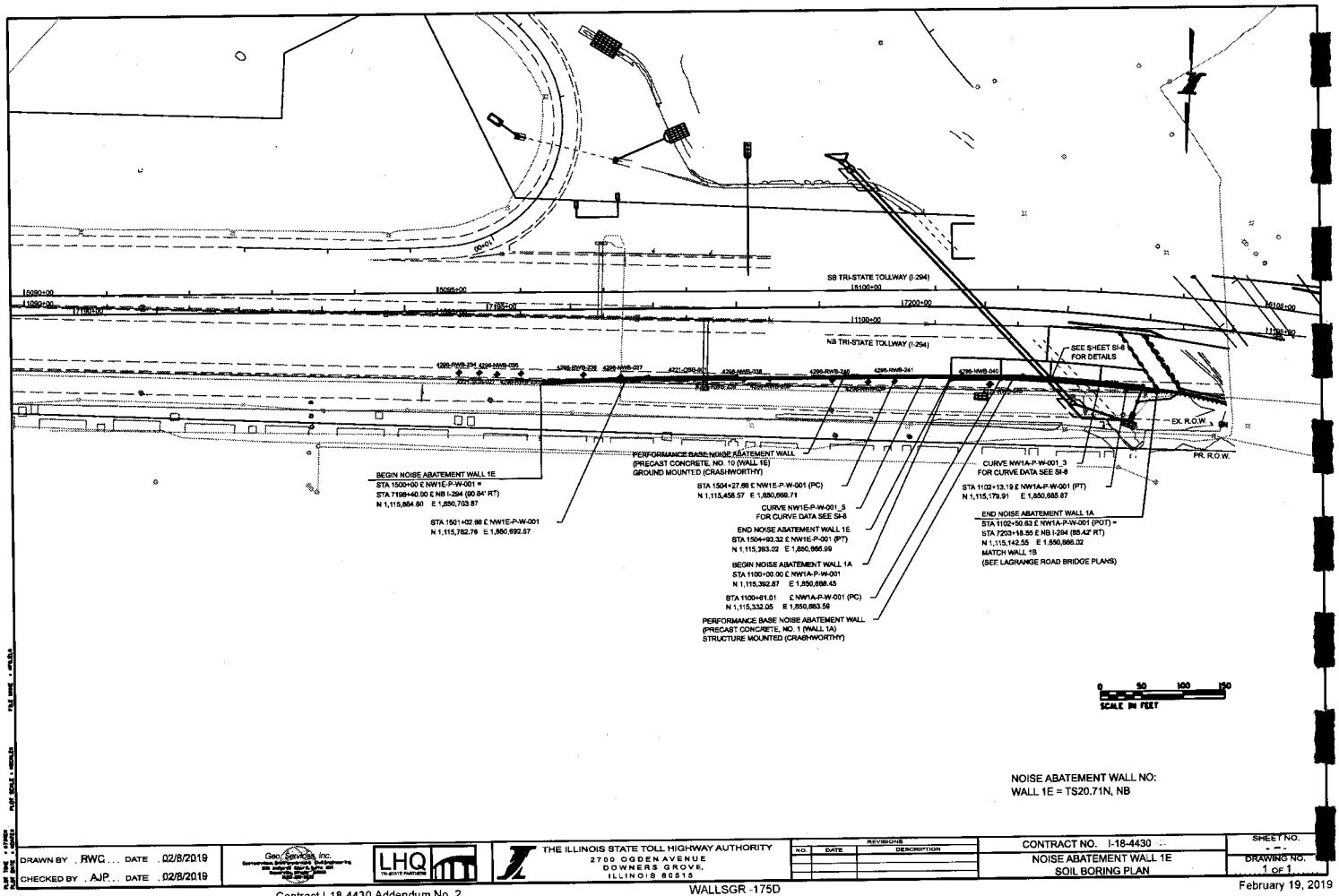
Penetration of the shaft (depth, feet)	Factored Unit Side Resistance (ksf)	Factored Unit Tip Resistance (ksf)	Total Factored Resistance (kips)
10	0.3	3.6	76.7
15	0.3	3.6	92.4
20	0.3	3.6	108.1
25	0.3	3.6	123.8
30	0.4	6.1	235.2

Driven soldier piles are also a feasible foundation type for this wall. It should be noted that a temporary casing will not be needed when using driven soldier piles as a foundation choice.

Please let us know if you have questions regarding our recommendations in this technical memo.

Attachments:

Boring Location Diagram
Soil Boring Logs



NOISE ABATEMENT WALL NO:
WALL 1E = TS20.71N, NB

DRAWN BY . RWC . . . DATE . 02/8/2019
CHECKED BY . AJP. . . DATE . 02/8/2019

Geo Services, Inc.

LHQ
TRI-STATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. I-18-4430

NOISE ABATEMENT WALL 1E
SOIL BORING PLAN

SHEET NO.
- - -
DRAWING NO.
1 OF 1

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GSI Job No. 15064

SOIL BORING LOG

Page 1 of 2

Date 12/8/17

ROUTE Tri-State Tollway I-294 **DESCRIPTION** ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction **LOGGED BY** TC

SECTION I-294 **LOCATION** NW 1/4, **SEC.** 34, **TWP.** T38N, **RNG.** R12E, 3rd **PM**

COUNTY Cook **DRILLING METHOD** Hollow Stem Auger **HAMMER TYPE** CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4221-OSB-001
Station 5098+20
Offset 103.60ft Right
Ground Surface Elev. 620.40 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 589.4 ft ▼
Upon Completion _____ ft
After _____ **Hrs.** _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
10" ASPHALT			
619.57			
CRUSHED STONE-dense	18		
	22		4
	18		
617.40			
CLAY LOAM-dark brown & gray-stiff to hard (Fill)	4		
-5	3	1.6	16
	3	B	
	3		
	5	4.2	19
	5	B	
	3		
-10	7	5.5	15
	10	B	
becoming brown & gray @ -10.5'	6		
	9	7.4	17
	9	B	
	5		
-15	9	4.5	18
	11	P	
	4		
	5	2.7	21
	5	B	
	3		
-20	6	3.7	16
	9	B	
CLAY LOAM-dark brown & gray-stiff to hard (Fill) *(continued)*	7		
	12	6.9	18
	14	B	
	6		
-25	7	5.1	18
	9	S	
594.90			
SILTY CLAY-dark brown & gray-stiff	6		
	7	4.5	17
	8	P	
	4		
-30	5	2.1	29
	8	B	
▼			
588.40			
SAND & GRAVEL-gray-medium dense to dense	21		
	15		10
-35	15		
	18		
	13		15
-40	13		

Z:\PROJECTS\2015\15064 HW LOCHNER, I-294 MILE-LONG BRIDGE (RR-14-4221)\15064 BORING LOGS\15064_LOG.GPJ 2/5/19

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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SOIL BORING LOG

GSI Job No. 15064

Date 12/8/17

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction LOGGED BY TC

SECTION I-294 LOCATION NW 1/4, SEC. 34, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4221-OSB-001
Station 5098+20
Offset 103.60ft Right
Ground Surface Elev. 620.40 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 589.4 ft ▼
Upon Completion _____ ft
After _____ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				SAND & GRAVEL-gray-medium dense to dense *(continued)*
578.40				
				CLAY LOAM with SAND seams-gray-hard
	20			
	20	4.5	14	
-45	19	P		
573.40				
				SAND & GRAVEL-gray-dense
	7			
	23		9	
570.40 -50	40			
				End Of Boring @ -50.0'. Boring backfilled with cuttings.
-55				
-60				

Z:\PROJECTS\2015\15064 HW LOCHNER, I-294 MILE-LONG BRIDGE (RR-14-4221)\15064 BORING LOGS\15064_LOG.GPJ 2/5/19

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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SOIL BORING LOG

GSI Job No. 15064

Page 1 of 1

Date 12/4/17

ROUTE Tri-State Tollway I-294 **DESCRIPTION** ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction **LOGGED BY** TC

SECTION I-294 **LOCATION** NW 1/4, **SEC.** 34, **TWP.** T38N, **RNG.** R12E, 3rd **PM**

COUNTY Cook **DRILLING METHOD** Hollow Stem Auger **HAMMER TYPE** CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4221-SGB-027
Station 5095+50
Offset 96.60ft Right
Ground Surface Elev. 619.10 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry ft
Upon Completion Dry ft
After ____ **Hrs.** ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				10.0" ASPHALT
				618.27
	10			CRUSHED STONE-medium dense
	10 12		3	
				616.10
	4			CLAY LOAM-dark brown, gray & black-very stiff to hard (Fill)
-5	5 6	4.1 B	13	
	4			
	4 5	3.0 B	15	
	6			becoming brown & gray @ -8.0'
-10	9 11	4.5 P	16	
	5			
	6 10	4.0 S	16	
	6			
	8 11	6.3 B	17	End Of Boring @ -15.0'. Boring backfilled with cuttings.
				604.10
-15				
-20				

Z:\PROJECTS\2015\15064 HW LOCHNER, I-294 MILE-LONG BRIDGE (RR-14-4221)\15064 BORING LOGS\15064_LOG.GPJ 2/5/19

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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SOIL BORING LOG

GSI Job No. 17095
Page 1 **of** 1
Date 3/15/18

ROUTE Tri-State Tollway I-294 **DESCRIPTION** ISTHA Contract: I-17-4296, I-294 Reconstruction: 95th St. to LaGrange Rd. **LOGGED BY** TC

SECTION I-294 **LOCATION** NW 1/4, **SEC.** 34, **TWP.** T38N, **RNG.** R12E, 3rd **PM**

COUNTY Cook **DRILLING METHOD** Hollow Stem Auger **HAMMER TYPE** CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4296-NWB-037
Station 5097+20
Offset 102.30ft Right
Ground Surface Elev. 619.90 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry ft
Upon Completion Dry ft
After ____ **Hrs.** ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				6.0" ASPHALT 619.40
				CRUSHED STONE-medium dense
	10			
	11		3	
	13			
				616.90
				CLAY LOAM-brown & gray-very stiff to hard (Fill)
	50/4"			
		3.5	15	
-5		P		
	3			
	7	2.6	17	
	9	B		
	4			
	5	3.0	17	
-10	8	P		
	4			
	5	3.8	23	
	9	P		
	5			
	8	3.4	18	
-15	11	B		
	5			
	6	3.8	21	
	9	P		
	7			
	8	4.5	18	
-20	11	P		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				CLAY LOAM-brown & gray-very stiff to hard (Fill) *(continued)*
	5			
	6	4.2	19	
	14	B		
	7			
	7	2.2	22	
-25	9	B		
				594.40
	7			SILTY CLAY-brown & gray-very stiff
	10	3.5	20	
	13	B		
				591.90
	7			SANDY CLAY LOAM-brown-dense
	16		16	
-30	34			589.90
				End Of Boring @ -30.0'. Boring backfilled with cuttings.
-35				
-40				

Z:\PROJECTS\2017\17095 HDR, ISTHA I-294, 95TH ST. TO LA GRANGE ROAD (I-17-4296)\17095 BORING LOGS\17095_LOG.GPJ 2/5/19

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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SOIL BORING LOG

Page 1 of 1

Date 3/15/18

ROUTE Tri-State Tollway I-294 **DESCRIPTION** ISTHA Contract: I-17-4296, I-294 Reconstruction: 95th St. to LaGrange Rd. **LOGGED BY** TC

SECTION I-294 **LOCATION** NW 1/4, **SEC.** 34, **TWP.** T38N, **RNG.** R12E, 3rd **PM**

COUNTY Cook **DRILLING METHOD** Hollow Stem Auger **HAMMER TYPE** CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4296-NWB-038
Station 5098+69
Offset 106.30ft Right
Ground Surface Elev. 620.60 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 617.1 ft ▼
Upon Completion _____ ft
After _____ **Hrs.** _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
620.10				6.0" ASPHALT
				CRUSHED STONE-medium dense
	9			
	17		4	
	9			
617.60				
				SANDY CLAY LOAM with STONE-dark brown & gray-medium dense (Fill) ▼
	5			
	13		10	
-5	17			
615.10				
				CLAY LOAM-brown & gray-very stiff to hard (Fill)
	4			
	3	2.7	21	
	7	B		
	3			
	5	6.2	14	
-10	8	B		
	6			
	8	4.5	18	
	11	B		
	6			
	9	4.5	22	
-15	14	P		
	4			
	6	3.9	18	
	8	B		
	5			
	8	2.7	20	
-20	12	B		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				CLAY LOAM-brown & gray-very stiff to hard (Fill) *(continued)*
	9			
	15	4.5	18	
	15	P		
	10			
	12	4.5	14	
-25	15	P		
	6			
	9	3.8	21	
	9	P		
592.60				
				SILTY CLAY-brown & gray-stiff
	10			
	6	1.3	27	
590.60 -30	7	B		
				End Of Boring @ -30.0'. Boring backfilled with cuttings.
-35				
-40				

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The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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SOIL BORING LOG

GSI Job No. 17095

Page 1 **of** 1

Date 3/15/18

ROUTE Tri-State Tollway I-294 **DESCRIPTION** ISTHA Contract: I-17-4296, I-294 Reconstruction: 95th St. to LaGrange Rd. **LOGGED BY** TC

SECTION I-294 **LOCATION** NW 1/4, **SEC.** 34, **TWP.** T38N, **RNG.** R12E, 3rd **PM**

COUNTY Cook **DRILLING METHOD** Hollow Stem Auger **HAMMER TYPE** CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4296-NWB-039
Station 5100+18
Offset 110.30ft Right
Ground Surface Elev. 621.40 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry ft
Upon Completion Dry ft
After ____ **Hrs.** ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				6.0" ASPHALT 620.90
				CRUSHED STONE-medium dense
	10			
	11		4	
	11			
				618.40
				CLAY LOAM-brown & gray-stiff to hard (Fill)
	6			
	13	4.5	12	
-5	13	P		
				Some Stone from -6.0' to 7.5'
	4			
	5	4.5	10	
	5	P		
	6			
	6	5.0	19	
-10	7	B		
	8			
	9	2.0	12	
	11	P		
	7			
	9	4.5	18	
-15	13	P		
	4			
	6	3.8	17	
	11	B		
	3			
	5	1.8	25	
-20	10	B		
				CLAY LOAM-brown & gray-stiff to hard (Fill) *(continued)*
	8			
	7	4.5	18	
	11	P		
	7			
	8	3.0	18	
-25	10	P		
	6			
	7	4.0	19	
	8	P		
				593.40
				SILTY CLAY-brown & gray-very stiff
	8			
	7	2.5	20	
591.40 -30	4	B		
				End Of Boring @ -30.0'. Boring backfilled with cuttings.
-35				
-40				

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The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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SOIL BORING LOG

GSI Job No. 17095

Page 1 **of** 1

Date 3/19/18

ROUTE Tri-State Tollway I-294 **DESCRIPTION** ISTHA Contract: I-17-4296, I-294 Reconstruction: 95th St. to LaGrange Rd. **LOGGED BY** MM

SECTION I-294 **LOCATION** NW 1/4, **SEC.** 34, **TWP.** T37N, **RNG.** R12E, 3rd **PM**

COUNTY Cook **DRILLING METHOD** Hollow Stem Auger **HAMMER TYPE** CME Automatic

STRUCT. NO.
Station

BORING NO. 4296-NWB-040
Station 5110+64
Offset 113.90ft Right
Ground Surface Elev. 622.30 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry ft
Upon Completion Dry ft
After ____ **Hrs.** ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				12.0" ASPHALT
				621.30
	10			CRUSHED STONE-loose
	6		3	
	3			
				619.30
				CLAY LOAM-brown & gray-stiff to hard (Fill)
	3			
	3	1.7	18	
-5	4	B		
	4			
	4	2.0	19	
	6	B		
	5			
	6	4.7	15	
-10	8	B		
	4			
	6	3.5	20	
	6	P		
	4			
	6	4.5	16	
-15	8	P		
	4			
	7	4.5	19	
	11	P		
	4			
	8	4.5	17	
-20	11	P		
				CLAY LOAM-brown & gray-stiff to hard (Fill) *(continued)*
	5			
	7	4.1	20	
	9	B		
	5			
	5	4.4	19	
	8	B		
-25				
	6			
	8	4.4	20	
	10	B		
				594.30
				SILTY CLAY-dark brown & gray spotted black-very stiff
	4			
	5	2.7	21	
592.30 -30	9	B		
				End Of Boring @ -30.0'. Boring backfilled with cuttings.
-35				
-40				

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The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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SOIL BORING LOG

GSI Job No. 17095

Date 12/19/18

ROUTE Tri-State Tollway I-294 **DESCRIPTION** ISTHA Contract: I-17-4296, I-294 Reconstruction: 95th St. to LaGrange Rd. **LOGGED BY** RN

SECTION I-294 **LOCATION** NW 1/4, **SEC.** 34, **TWP.** T38N, **RNG.** R12E, 3rd **PM**

COUNTY Cook **DRILLING METHOD** Hollow Stem Auger/Rotary **HAMMER TYPE** CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4296-RWB-234
Station 5095+24
Offset 96.00ft Right
Ground Surface Elev. 618.90 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After ____ **Hrs.** ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				12.0" ASPHALT
				617.90
	3			CRUSHED STONE-loose
	3		5	
	6			
				615.90
				CLAY LOAM-brown & gray-very soft to very stiff (Fill)
	3			
	6	2.0	21	
-5	8	B		
	3			
	6	1.0	19	
	7	B		
	3			
	8	2.3	18	
-10	6	B		
	6			
	9	0.4	20	
	16	B		
	7			
	9	1.2	19	
-15	14	B		
	7			
	9	1.3	22	
	15	B		
	6			
	12	2.0	21	
-20	16	B		
	7			CLAY LOAM-brown & gray-very soft to very stiff (Fill) *(continued)*
	10	2.5	19	
	21	B		
	6			
	7	0.4	18	
-25	7	B		
	5			
	5		24	
	6			
	28			
	29		11	
-30	40			
				586.90
				CLAY to CLAY LOAM-gray-stiff to very stiff
	26			
	48	1.8	14	
-35	50/3"	B		
	15			
	23	2.9	22	
-40	38	B		

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The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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GSI Job No. 17095

SOIL BORING LOG

Date 12/19/18

ROUTE Tri-State Tollway I-294 **DESCRIPTION** ISTHA Contract: I-17-4296, I-294 Reconstruction: 95th St. to LaGrange Rd. **LOGGED BY** RN

SECTION I-294 **LOCATION** NW 1/4, **SEC.** 34, **TWP.** T38N, **RNG.** R12E, 3rd **PM**

COUNTY Cook **DRILLING METHOD** Hollow Stem Auger/Rotary **HAMMER TYPE** CME Automatic

STRUCT. NO.
Station

BORING NO. 4296-RWB-234
Station 5095+24
Offset 96.00ft Right
Ground Surface Elev. 618.90 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After ____ **Hrs.** ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CLAY to CLAY LOAM-gray-stiff to very stiff *(continued)*			
	22		
-45	50/4"	3.1 B	22
571.90 SANDY LOAM-gray-very dense			
	36		
-50	50/4"		18
566.90 SILTY SAND & GRAVEL-gray-very dense			
	50/4"		
-55			12
	50/2"		
-60			6
SILTY SAND & GRAVEL-gray-very dense *(continued)*			
	50/3"		
-65			10
551.90 SILTY CLAY LOAM-gray-stiff			
	21		
-70	30 31	1.2 B	21
546.90 SILTY SAND & GRAVEL-gray-very dense			
	50/6"		
543.90 -75			9
End Of Boring @ -75.0'. Boring backfilled with cuttings.			
-80			

Z:\PROJECTS\2017\17095 HDR, ISTHA I-294, 95TH ST. TO LA GRANGE ROAD (I-17-4296)\17095 BORING LOGS\17095_LOG.GPJ 2/5/19

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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GSI Job No. 17095

SOIL BORING LOG

Page 1 of 2

Date 12/18/18

ROUTE Tri-State Tollway I-294 **DESCRIPTION** ISTHA Contract: I-17-4296, I-294 Reconstruction: 95th St. to LaGrange Rd. **LOGGED BY** DS

SECTION I-294 **LOCATION** NW 1/4, **SEC.** 34, **TWP.** T38N, **RNG.** R12E, 3rd **PM**

COUNTY Cook **DRILLING METHOD** Hollow Stem Auger/Rotary **HAMMER TYPE** CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4296-RWB-235
Station 5096+00
Offset 97.80ft Right
Ground Surface Elev. 619.60 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After ____ **Hrs.** ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				12.0" ASPHALT
618.60				
	11			12.0" CRUSHED STONE-medium dense
617.60	19		5	
	12			CLAY LOAM with STONE-dark brown & gray-medium dense (Fill)
	3			
	7		7	
-5	7			
614.10				
	4			CLAY LOAM-brown & gray-stiff to hard (Fill)
	5	1.7	21	
	5	B		
	4			
	8	4.5	14	
-10	10	P		
	7			
	8	2.3	20	
	14	B		
	6			
	7	2.4	18	
-15	10	B		
	4			
	6	4.3	19	
	10	B		
	3			
	8	4.4	17	
-20	13	B		
	3			CLAY LOAM-brown & gray-stiff to hard (Fill) *(continued)*
597.60	8	2.0	11	
	11	B		TOPSOIL-black-medium stiff
	4			
	8	0.8	42	
-25	10	B		
594.10				
	3			SILTY CLAY-brown & gray-stiff
	4	1.3	23	
	5	S		
591.60				
	3			CLAY LOAM-brown & gray-very stiff to hard
	12	2.5	17	
-30	18	P		
				becoming gray @ -32.0'
	8			
	16	5.0	19	
-35	20	B		
581.60				
	36			GRAVEL & FRACTURED ROCK-gray-very dense
	50/2"		5	
-40				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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Naperville, Illinois 60565
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GSI Job No. 17095

SOIL BORING LOG

Date 12/18/18

ROUTE Tri-State Tollway I-294 **DESCRIPTION** ISTHA Contract: I-17-4296, I-294 Reconstruction: 95th St. to LaGrange Rd. **LOGGED BY** DS

SECTION I-294 **LOCATION** NW 1/4, **SEC.** 34, **TWP.** T38N, **RNG.** R12E, 3rd **PM**

COUNTY Cook **DRILLING METHOD** Hollow Stem Auger/Rotary **HAMMER TYPE** CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4296-RWB-235
Station 5096+00
Offset 97.80ft Right
Ground Surface Elev. 619.60 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After ____ **Hrs.** ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				GRAVEL & FRACTURED ROCK-gray-very dense *(continued)*
	50/4"			
-45			10	
	50/2"			
-50			10	
	50/5"			
-55			12	
562.10				
				Drillers Note: cobbles or boulders 561.60
				SILTY SAND, GRAVEL & FRACTURED ROCK-gray-very dense
	50/5"			
-60			13	
				SILTY SAND, GRAVEL & FRACTURED ROCK-gray-very dense *(continued)*
556.60				
				Drillers Note: cobbles or boulders 556.10
	50/4"			SILTY SAND, GRAVEL & FRACTURED ROCK-gray-very dense
-65			11	
552.60				
	18			SILTY CLAY LOAM with FRACTURED ROCK-gray-very dense
	40 50/4"	4.5 P	11	
-70				
	50/3"			
544.60			9	
-75				
				End Of Boring @ -75.0'. Boring backfilled with cuttings.
-80				

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The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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GSI Job No. 17095

SOIL BORING LOG

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Date 12/18/18

ROUTE Tri-State Tollway I-294 **DESCRIPTION** ISTHA Contract: I-17-4296, I-294 Reconstruction: 95th St. to LaGrange Rd. **LOGGED BY** RN

SECTION I-294 **LOCATION** NW 1/4, **SEC.** 34, **TWP.** T38N, **RNG.** R12E, 3rd **PM**

COUNTY Cook **DRILLING METHOD** Hollow Stem Auger/Rotary **HAMMER TYPE** CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4296-RWB-236
Station 5096+75
Offset 99.80ft Right
Ground Surface Elev. 619.70 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After ____ **Hrs.** ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				12.0" ASPHALT, 12.0" CRUSHED STONE
	13			
617.70	8		6	
	8			CLAY LOAM-brown & gray-stiff to hard (Fill)
	3			
-5	8 10	2.0 B	15	
	3			
	6 5	3.1 B	16	
	4			
-10	6 7	2.4 B	19	
	5			
	9 14	2.0 B	19	
	8			
-15	9 13	1.9 B	24	
	4			
	8 8	2.7 B	23	
	8			
-20	10 14	2.9 B	18	
	8			CLAY LOAM-brown & gray-stiff to hard (Fill) *(continued)*
	10 17	4.9 B	19	
	5			
-25	5 5	1.6 B	21	
	32			
	17 15		30	
591.70	6			SILTY CLAY with GRAVEL-brown & gray-very dense
	8 9		17	
-30				
587.70	50/5"			SILTY CLAY LOAM with GRAVEL-gray-very dense
			11	
-35				
582.70	50/5"			SILTY SAND & GRAVEL-gray-dense
			12	
-40				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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GSI Job No. 17095

SOIL BORING LOG

Date 12/18/18

ROUTE Tri-State Tollway I-294 **DESCRIPTION** ISTHA Contract: I-17-4296, I-294 Reconstruction: 95th St. to LaGrange Rd. **LOGGED BY** RN

SECTION I-294 **LOCATION** NW 1/4, **SEC.** 34, **TWP.** T38N, **RNG.** R12E, 3rd **PM**

COUNTY Cook **DRILLING METHOD** Hollow Stem Auger/Rotary **HAMMER TYPE** CME Automatic

STRUCT. NO.
Station

BORING NO. 4296-RWB-236
Station 5096+75
Offset 99.80ft Right
Ground Surface Elev. 619.70 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After ____ **Hrs.** ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				SILTY SAND & GRAVEL-gray-dense *(continued)*
577.70				
				SANDY LOAM-gray-dense
	33			
	50/4"		20	
-45				
572.70				
				SAND-gray-dense
	20			
	28		26	
-50	32			
567.70				
				CLAY LOAM with GRAVEL-gray-dense
	44			
	34		12	
-55	41			
562.70				
				SAND-gray-very dense
	32			
	46		18	
-60	40			
				SAND-gray-very dense *(continued)*
	31			
	48		15	
-65	34			
552.70				
				SILTY LOAM with GRAVEL-gray-dense
	34			
	50/3"		11	
-70				
547.70				
				CLAY LOAM-gray-very dense
	47			
	50/1"	2.4 B	18	
544.70 -75				
				End Of Boring @ -75.0'. Boring backfilled with cuttings.
-80				

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The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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GSI Job No. 17095

SOIL BORING LOG

Date 12/15/18

ROUTE Tri-State Tollway I-294 **DESCRIPTION** ISTHA Contract: I-17-4296, I-294 Reconstruction: 95th St. to LaGrange Rd. **LOGGED BY** RN

SECTION I-294 **LOCATION** NW 1/4, **SEC.** 34, **TWP.** T38N, **RNG.** R12E, 3rd **PM**

COUNTY Cook **DRILLING METHOD** Hollow Stem Auger/Rotary **HAMMER TYPE** CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4296-RWB-238
Station 5098+25
Offset 620.30ft Right
Ground Surface Elev. 620.30 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After ____ **Hrs.** ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
				12.0" ASPHALT
619.30				
	23			CRUSHED STONE-dense
618.30	35		3	
	20			CLAY LOAM-dark brown & gray-very stiff (Fill)
	3			
-5	3	3.5	17	
	4	P		
614.80				
	3			CLAY LOAM-brown-stiff to hard (Fill)
	5	1.7	22	
	10	B		
	3			
	6	4.2	16	
-10	14	B		
	7			
	11	1.7	17	
	17	B		
607.30				
	7			CLAY-brown & gray-very stiff (Fill)
	7	3.8	19	
-15	11	P		
	7			
	7	2.5	23	
	9	P		
602.30				
	5			CLAY LOAM-brown & gray-medium stiff to very stiff (Fill)
	5	0.8	24	
-20	7	P		
				CLAY LOAM-brown & gray-medium stiff to very stiff (Fill) *(continued)*
	10			
	10	2.7	20	
	12	B		
	6			
	12	1.2	21	
-25	14	B		
	5			
	8	1.0	27	
	13	P		
592.30				
	6			SILTY CLAY-brown & gray-stiff
	8	1.3	23	
-30	8	B		
588.30				
	18			SILTY SAND & GRAVEL-gray-dense to very dense
	17		15	
-35	16			
	44			
	50/4"		11	
-40				

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The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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GSI Job No. 17095

SOIL BORING LOG

Date 12/15/18

ROUTE Tri-State Tollway I-294 **DESCRIPTION** ISTHA Contract: I-17-4296, I-294 Reconstruction: 95th St. to LaGrange Rd. **LOGGED BY** RN

SECTION I-294 **LOCATION** NW 1/4, **SEC.** 34, **TWP.** T38N, **RNG.** R12E, 3rd **PM**

COUNTY Cook **DRILLING METHOD** Hollow Stem Auger/Rotary **HAMMER TYPE** CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4296-RWB-238
Station 5098+25
Offset 620.30ft Right
Ground Surface Elev. 620.30 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After ____ **Hrs.** ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				SILTY SAND & GRAVEL-gray-dense to very dense *(continued)*
	24			
-45	50/5"		9	
573.30				SAND & GRAVEL-gray-very dense
	44			
	39		11	
-50	35			
	50/5"			
			6	
-55				
563.30				SAND-gray-very dense
	35			
	39		16	
-60	28			
				SAND-gray-very dense *(continued)*
558.30				SILTY SAND & GRAVEL-gray-very dense
	50/3"			
-65			10	
553.30				SILTY LOAM-gray-very dense
	50/4"			
			17	
-70				
	50/4"			
			17	
545.30 -75				End Of Boring @ -75.0'. Boring backfilled with cuttings.
-80				

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The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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SOIL BORING LOG

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Page 1 of 2
Date 12/15/18

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: I-17-4296, I-294 Reconstruction: 95th St. to LaGrange Rd. LOGGED BY RN

SECTION I-294 LOCATION NW 1/4, SEC. 34, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/Rotary HAMMER TYPE CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4296-RWB-239
Station 5099+00
Offset 620.80ft Right
Ground Surface Elev. 620.80 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
12.0" ASPHALT			
619.80			
CRUSHED STONE-dense	13		
618.80	20		4
CLAY LOAM-brown & gray-stiff to hard (Fill)	13		
	3		
-5	6	2.8	13
	6		
	3		
	4	2.0	21
	6	P	
	2		
-10	5	1.8	17
	5	PB	
	3		
	5	3.5	18
	11	P	
	6		
-15	10	4.5	16
	16	P	
	4		
	6	4.0	20
	8	P	
	3		
-20	6	3.5	20
	7	P	
CLAY LOAM-brown & gray-stiff to hard (Fill) *(continued)*	2		
	8	2.9	17
	13	B	
	5		
-25	11	2.1	21
	13	B	
	4		
	6	1.2	22
	8	B	
	3		
	18	2.5	21
-30	35	P	
588.80			
SILT-gray-dense	10		
	30		20
-35	45		
583.80			
CLAY LOAM-gray-very stiff	24		
	32	2.0	10
-40	34	B	

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The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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GSI Job No. 17095

SOIL BORING LOG

Date 12/15/18

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: I-17-4296, I-294 Reconstruction: 95th St. to LaGrange Rd. LOGGED BY RN

SECTION I-294 LOCATION NW 1/4, SEC. 34, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/Rotary HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. 4296-RWB-239
Station 5099+00
Offset 620.80ft Right
Ground Surface Elev. 620.80 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
				CLAY LOAM-gray-very stiff *(continued)*
	38			
-45	29 25	2.0 P	12	
573.80				CLAY-gray-very stiff
	11			
-50	21 21	2.5 B	17	
568.80				SILTY CLAY LOAM-gray-very stiff
	9			
-55	12 16	2.5 P	23	
563.80				CLAYEY SAND & GRAVEL-gray-very dense
	50/5"			
-60			20	

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
				CLAYEY SAND & GRAVEL-gray-very dense *(continued)*
	50/3"			
-65			12	
553.80				CLAY-gray-very stiff
	24			
-70	34 50/2"	3.2 B	18	
548.80				CLAY LOAM with GRAVEL-gray-very dense
	50/4"			
-75			10	
545.80				End Of Boring @ -75.0'. Boring backfilled with cuttings.
-80				

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The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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SOIL BORING LOG

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Page 1 of 2
Date 12/15/18

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: I-17-4296, I-294 Reconstruction: 95th St. to LaGrange Rd. LOGGED BY RN

SECTION I-294 LOCATION NW 1/4, SEC. 34, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/Rotary HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. 4296-RWB-240
Station 5099+75
Offset 621.20ft Right
Ground Surface Elev. 621.20 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				9.0" ASPHALT 620.53
				CRUSHED STONE-dense
	15			
	25		6	619.20 CLAY LOAM with STONE-dark brown & gray-hard (Fill)
	10			
	6			
-5	15	4.5	9	
	11	P		615.70 CLAY LOAM-brown & gray-stiff to very stiff (Fill)
	2			
	4		12	
	5			
	3			
-10	7	2.8	18	
	10	B		
	6			
	10	2.1	17	
	8	B		
	5			
-15	10	1.9	22	
	14	B		
	9			
	11	1.5	20	
	14	B		
	3			
-20	6	1.0	29	
	10	B		
	9			CLAY LOAM-brown & gray-stiff to very stiff (Fill) *(continued)*
	10	3.0	20	
	17	P		
	10			
-25	16	2.4	21	
	14	B		595.70 SILTY CLAY LOAM-brown-medium dense (Fill)
	8			
	10	2.0	31	
	10	P		593.20 TOPSOIL-black
	10			
-30	15	1.7	30	
	18	B		589.20 SILTY CLAY LOAM with GRAVEL-gray-dense to very dense
	12			
	25	3.8	11	
-35	32	P		
	35			
	29	4.0	15	
-40	50/4"	P		

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The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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(630) 355-2828

GSI Job No. 17095

SOIL BORING LOG

Date 12/15/18

ROUTE Tri-State Tollway I-294 **DESCRIPTION** ISTHA Contract: I-17-4296, I-294 Reconstruction: 95th St. to LaGrange Rd. **LOGGED BY** RN

SECTION I-294 **LOCATION** NW 1/4, **SEC.** 34, **TWP.** T38N, **RNG.** R12E, 3rd **PM**

COUNTY Cook **DRILLING METHOD** Hollow Stem Auger/Rotary **HAMMER TYPE** CME Automatic

STRUCT. NO.
Station

BORING NO. 4296-RWB-240
Station 5099+75
Offset 621.20ft Right
Ground Surface Elev. 621.20 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After ____ **Hrs.** ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				SILTY CLAY LOAM with GRAVEL-gray-dense to very dense *(continued)*
579.20				
				CLAY LOAM-gray-very stiff to hard
	20			
-45	25 48	2.3 B	15	
	12			
-50	20 20	8.5 S	20	
569.20				
				CLAYEY SAND & GRAVEL-gray-very dense
	50/5"			
-55			7	
	50/5"			
-60			10	

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				CLAYEY SAND & GRAVEL-gray-very dense *(continued)*
559.20				
				SILTY CLAY LOAM with GRAVEL-gray-very dense
	50/4"			
-65			13	
554.20				
				CLAY LOAM-gray-hard
	43			
	50/3"	4.5 P	15	
-70				
549.20				
				SILTY SAND & GRAVEL-gray-very dense
	50/4"			
			14	
546.20	-75			
				End Of Boring @ -75.0'. Boring backfilled with cuttings.
-80				

Z:\PROJECTS\2017\17095 HDR, ISTHA I-294, 95TH ST. TO LA GRANGE ROAD (I-17-4296)\17095 BORING LOGS\17095_LOG.GPJ 2/5/19

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2828

SOIL BORING LOG

GSI Job No. 17095

Date 12/15/18

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: I-17-4296, I-294 Reconstruction: 95th St. to LaGrange Rd. LOGGED BY RN

SECTION I-294 LOCATION NW 1/4, SEC. 34, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/Rotary HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. 4296-RWB-241
Station 5100+50
Offset 621.80ft Right
Ground Surface Elev. 621.80 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				12.0" ASPHALT 621.13
				CRUSHED STONE-very dense
	40			
	50/2"		5	619.80
				SANDY CLAY LOAM with GRAVEL-dark gray-hard (Fill)
	8			
-5	23 16	4.5 P	12	
	3			
	5 9	4.5 P	14	
				613.80
				CLAY LOAM-brown & gray-medium stiff to very stiff (Fill)
	2			
-10	7 9	2.7 B	19	
	3			
	7 7	2.8 B	20	
	8			
-15	10 12	2.5 B	16	
	6			
	9 9	2.3 B	19	
	5			
-20	5 7	1.9 B	21	
	5			CLAY LOAM-brown & gray-medium stiff to very stiff (Fill) *(continued)*
	7 11	1.2 B	20	
	7			
-25	9 11	1.1 B	23	
	6			
	10 14	1.7 B	25	
	9			
-30	6 8	0.9 B	23	
				589.80
				CLAYEY SAND & GRAVEL-brown-very dense
	35			
-35	35 43		10	
	50/3"			
-40			10	

Z:\PROJECTS\2017\17095 HDR, ISTHA I-294, 95TH ST. TO LA GRANGE ROAD (I-17-4296)\17095 BORING LOGS\17095_LOG.GPJ 2/5/19

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
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(630) 355-2828

GSI Job No. 17095

SOIL BORING LOG

Date 12/15/18

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: I-17-4296, I-294 Reconstruction: 95th St. to LaGrange Rd. LOGGED BY RN

SECTION I-294 LOCATION NW 1/4, SEC. 34, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/Rotary HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. 4296-RWB-241
Station 5100+50
Offset 621.80ft Right
Ground Surface Elev. 621.80 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

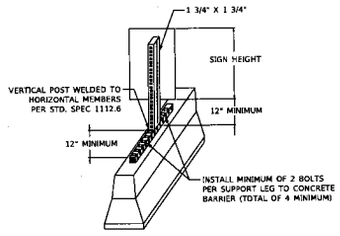
Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CLAYEY SAND & GRAVEL-brown-very dense *(continued)*			
579.80			
CLAY LOAM-gray-very stiff to very hard			
	29		
-45	50/5"	4.5 P	12
	35		
	40	2.3	12
-50	29	P	
	19		
	25	3.8	15
-55	36	P	
564.80			
CLAY LOAM with GRAVEL-gray-very dense			
	21		
	30		11
-60	46		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CLAY LOAM with GRAVEL-gray-very dense *(continued)*			
	40		
-65	50/5"		11
554.80			
CLAYEY SAND & GRAVEL-gray-very dense			
	50/2"		
-70			12
	50/3"		
546.80 -75			
End Of Boring @ -75.0'. Boring backfilled with cuttings.			
-80			

Z:\PROJECTS\2017\17095 HDR, ISTHA I-294, 95TH ST. TO LA GRANGE ROAD (I-17-4296)\17095 BORING LOGS\17095_LOG.GPJ 2/5/19

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

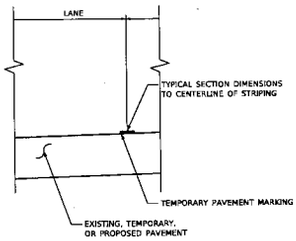


NOTES:

1. USE 3/8" X 4" ANCHOR BOLTS TO ATTACH ASSEMBLY TO CONCRETE BARRIER 3/8" X 3" BOLTS TO ATTACH SIGN POST

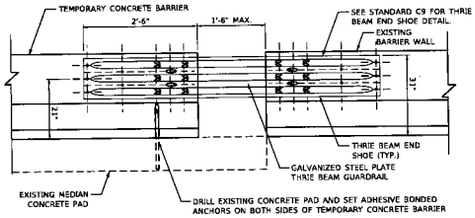
TELESCOPING STEEL SIGN SUPPORT BARRIER ASSEMBLY

N.T.S.



TYPICAL SECTION STRIPING DETAIL

N.T.S.

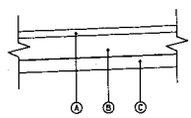


NOTES:

1. THE TEMPORARY CONCRETE BARRIER SHALL BE INSTALLED SUCH THAT IT IS FLUSH WITH THE EXISTING BARRIER WALL TO AVOID BLUNT END CONDITIONS.
2. THIS DETAIL APPLIES DURING STAGE CONSTRUCTION TO CONNECT TEMPORARY CONCRETE BARRIER TO EXISTING BARRIER AS SHOWN ON THE MOT PLANS.
3. CONNECTION BETWEEN TEMPORARY CONCRETE BARRIER AND EXISTING BARRIER WALL SHALL BE INCLUDED IN THE COST FOR PAY ITEM JT704012, FURNISH AND INSTALL TEMPORARY CONCRETE BARRIER TO REMAIN IN PLACE. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

TEMPORARY CONCRETE BARRIER CONNECTION DETAIL

N.T.S.



I-294 TEMPORARY PAVING SECTION

N.T.S.

TEMPORARY PAVEMENT, CLASS 1, ASPHALT (JI485010)
- (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 4"
- (C) SUBGRADE AGGREGATE 9 IN. (JT211A08)

TEMPORARY PAVEMENT, CLASS 1, PCC (JI485010) [2]
- (A) PORTLAND CEMENT CONCRETE PAVEMENT 10" (UNDOWELED)
- (C) SUBGRADE AGGREGATE 9 IN. (JT211A08)

TEMPORARY PAVEMENT, CLASS 2, ASPHALT (JI485020)
- (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- (B) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 7"
- (C) SUBGRADE AGGREGATE 9 IN. (JT211A08)

TEMPORARY PAVEMENT, CLASS 2, PCC (JI485010) [2]
- (A) PORTLAND CEMENT CONCRETE PAVEMENT 11.5" (UNDOWELED)
- (C) SUBGRADE AGGREGATE 9 IN. (JT211A08)

TEMPORARY PAVEMENT, CLASS 3, ASPHALT (JI485030)
- (A) STONE MATRIX WARM ASPHALT SURFACE FRICTION COURSE, 2"
- (B) WARM MIX ASPHALT BINDER COURSE, 8.5"
- (C) SUBGRADE AGGREGATE 12 IN (JT211A11)
  - A. CAPPING AGGREGATE, 3" MIN
  - B. POROUS GRANULAR EMBANKMENT, 9"

TEMPORARY PAVEMENT, CLASS 3, PCC (JI485030) [2]
- (A) PORTLAND CEMENT CONCRETE PAVEMENT 10.5" (JOINTED)
- (C) SUBGRADE AGGREGATE 12 IN (JT211A11)
  - A. CAPPING AGGREGATE, 3" MIN
  - B. POROUS GRANULAR EMBANKMENT, 9"

1. TEMPORARY PAVEMENT, CLASS 1 SHALL BE FOR TEMPORARY PAVEMENTS THAT ARE DESIGNED TO BE OPENED TO TRAFFIC FOR A PERIOD OF 6 MONTHS OR LESS. TEMPORARY PAVEMENT, CLASS 2 SHALL BE FOR TEMPORARY PAVEMENTS THAT ARE DESIGNED TO BE OPENED TO TRAFFIC FOR A PERIOD GREATER THAN SIX MONTHS, AND TEMPORARY PAVEMENT, CLASS 3 SHALL BE USED FOR A PERIOD GREATER THAN 12 MONTHS. SEE THE S.P. FOR DETAILS.
2. THE CONTRACTOR SHALL HAVE THE OPTION TO USE UNDOWELED PORTLAND CEMENT CONCRETE IN PLACE OF ASPHALT. SEE THE S.P. FOR DETAILS. THE ENGINEER'S ESTIMATE IS BASED ON ASPHALT TEMPORARY PAVEMENT.
3. ADDITIONAL THICKNESS OF SUBGRADE AGGREGATE 9" AND 12" NEEDED TO MEET REQUIRED GRADES SHALL BE CONSIDERED INCIDENTIAL. NO ADDITIONAL COMPENSATION WILL BE PROVIDED.

DRAWN BY NSA DATE 01/29/2019
CHECKED BY DJP DATE 01/29/2019

HDR ENGINEERING, INC.
8400 W. BRYN MAWR AVE
ROSEMONT, IL 60018

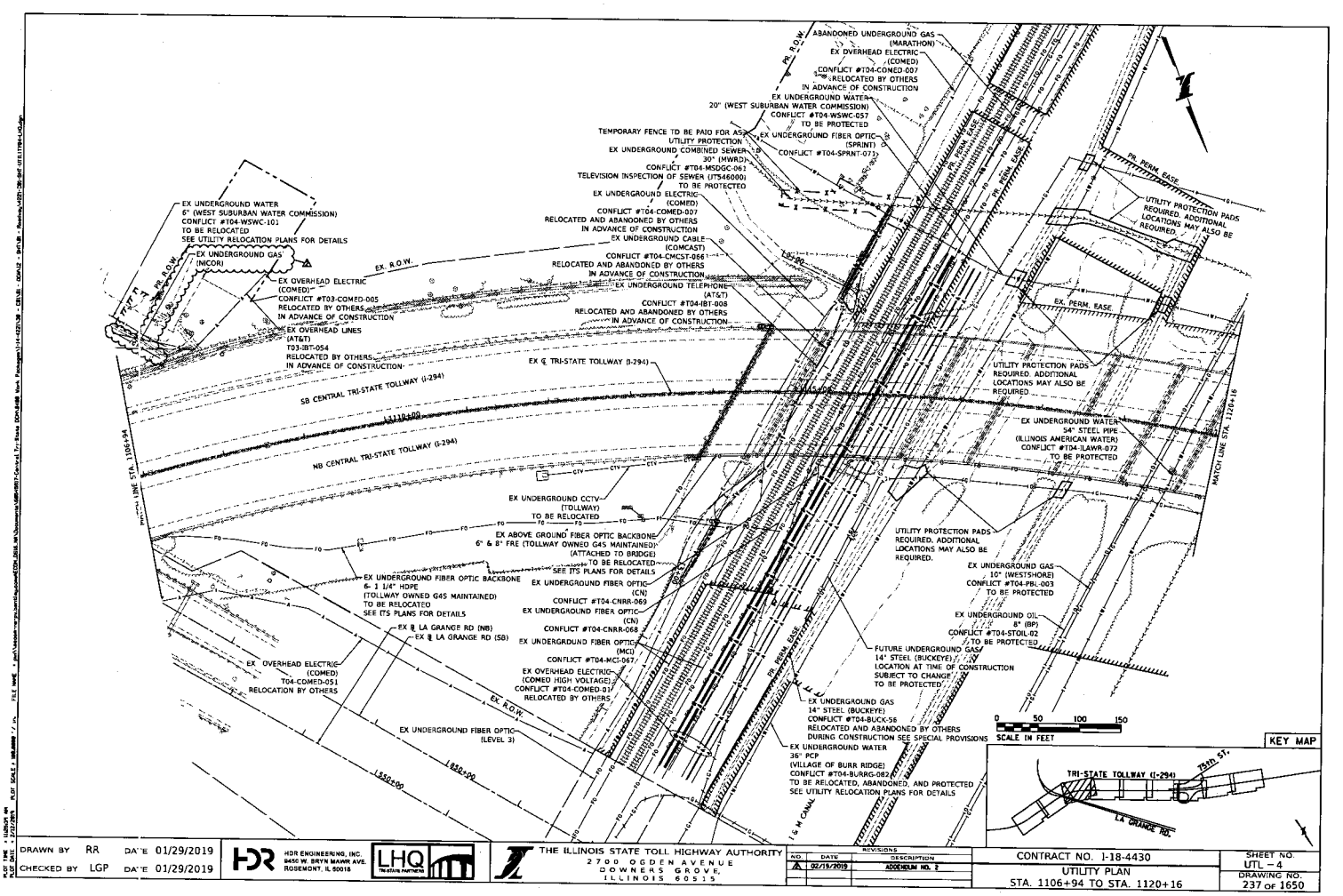
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION
2	02-19-19	ADDENDUM NO. 2

CONTRACT NO. I-18-4430

MOT DETAILS

SHEET NO. MOT - 12
DRAWING NO. 84 OF 1650



DRAWN BY RR DATE 01/29/2019
CHECKED BY LGP DATE 01/29/2019

HDR ENGINEERING, INC.
8450 W. BRYN MAWR AVE.
ROSEMONT, IL 60018

LHQ TRI-STATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

NO.	DATE	REVISIONS DESCRIPTION
1	02/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
UTILITY PLAN
STA. 1106+94 TO STA. 1120+16

SHEET NO.
UTL – 4
DRAWING NO.
237 OF 1650

	UTILITY				LOCATION								WORK ORDER/ PERMITS								
	Utility Company	Utility Company Address	Utility company Contact Person	Contact Person Telephone Number	Start Sta.	End Sta.	Parallel Util.	Transverse Util.	Clear Height	Vert. Depth	Reference Drawing	Comments	Notice of Interference	Date W.O. to Start	Work Order Status: In Progress (E.T.C.)	Date Completed	Utility to Relocate: Yes/NO	Contractor to Relocate	Estimated Start of Utility Relocation	Estimated Completion of Utility Relocation: Date	Special Requirements or Comments
ABOVE GROUND UTILITIES																					
ELECTRICAL	COMED (T04-COMED-051)	Two Lincoln Centre, 6th Floor Oakbrook Terrace, IL 60181	Pete Krazer cc Jose Malagon	630-399-1862	1095+00 RT I-294	1112+16 RT I-294	YES	NO	UNKNOWN	N/A	UTL-3 to UTL-4	AERIAL DISTRIBUTION	SUBMITTED	10/29/2018	IN PROGRESS		YES	NO	COMMENCED	5/14/2019	CONFLICT WITH PROPOSED RETAINING WALL, DITCH WORK, AND PROPOSED CULVERT.
	COMED (T03-COMED-055)	Two Lincoln Centre, 6th Floor Oakbrook Terrace, IL 60181	Pete Krazer cc Jose Malagon	630-399-1862	1107+99 LT I-294	1107+99 LT I-294	YES	NO	UNKNOWN	N/A	UTL-3 to UTL-4	AERIAL DISTRIBUTION	SUBMITTED	10/29/2018	IN PROGRESS		YES	NO	COMMENCED	5/14/2019	DIRECT CONFLICT WITH PERFORMANCE BASED RETAINING WALL LOCATION 1 (TS20.88R,SB).
	COMED (T04-COMED-007)	Two Lincoln Centre, 6th Floor Oakbrook Terrace, IL 60181	Pete Krazer cc Jose Malagon	630-399-1862	1114+80 RT I-294	1114+80 RT I-294	YES	NO	UNKNOWN	N/A	UTL-4	AERIAL DISTRIBUTION	SUBMITTED	10/29/2018	IN PROGRESS		YES	NO	COMMENCED	5/14/2019	DIRECT CONFLICT WITH PROPOSED SOUTHBOUND AND NORTHBOUND ABUTMENTS AND FINAL GRADING.
	COMED (T04-COMED-007)	Two Lincoln Centre, 6th Floor Oakbrook Terrace, IL 60181	Pete Krazer cc Jose Malagon	630-399-1862	1114+80 LT I-294	1114+80 LT I-294	YES	NO	UNKNOWN	N/A	UTL-4	AERIAL DISTRIBUTION	SUBMITTED	10/29/2018	IN PROGRESS		YES	NO	COMMENCED	5/14/2019	DIRECT CONFLICT WITH PROPOSED SOUTHBOUND AND NORTHBOUND ABUTMENTS AND FINAL GRADING.
	COMED (T04-COMED-01)	One Lincoln Centre, 5th Floor Oakbrook Terrace, IL 60181	Kevin Batke	630-437-2142	1116+04 I-294	1116+04 I-294	NO	YES	VARIES WITH TEMPERATURE	N/A	UTL-4	AERIAL HIGH VOLTAGE TRANSMISSION LINES	SUBMITTED	9/27/2016	IN PROGRESS		YES	NO	12/1/2018	4/1/2019	COMED TO RELOCATE.
	COMED (T04-COMED-85-15)	Two Lincoln Centre, 6th Floor Oakbrook Terrace, IL 60181	Pete Krazer cc Jose Malagon	630-399-1862	1126+26 RT I-294	1126+26 RT I-294	YES	NO	UNKNOWN	N/A	UTL-5	AERIAL DISTRIBUTION	SUBMITTED	10/29/2018	IN PROGRESS		YES	NO	COMMENCED	5/14/2019	DIRECT CONFLICT WITH PROPOSED PIER 4 SOUTHBOUND AND PROPOSED PIER NORTHBOUND.
	COMED (T04-COMED-85-15)	Two Lincoln Centre, 6th Floor Oakbrook Terrace, IL 60181	Pete Krazer cc Jose Malagon	630-399-1862	1126+26 LT I-294	1126+26 LT I-294	YES	NO	UNKNOWN	N/A	UTL-5	AERIAL DISTRIBUTION	SUBMITTED	10/29/2018	IN PROGRESS		YES	NO	COMMENCED	5/14/2019	DIRECT CONFLICT WITH PROPOSED PIER 4 SOUTHBOUND AND PROPOSED PIER NORTHBOUND.
	COMED (T04-COMED-051)	Two Lincoln Centre, 6th Floor Oakbrook Terrace, IL 60181	Pete Krazer cc Jose Malagon	630-399-1862	1146+31 LT I-294	1159+63 LT I-294	YES	NO	UNKNOWN	N/A	UTL-6 to UTL-7	AERIAL DISTRIBUTION	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	NOT IN CONFLICT PER COMED.
	COMED (T04-COMED-55)	One Lincoln Centre, 5th Floor Oakbrook Terrace, IL 60181	Kevin Batke	630-437-2142	1160+12 I-294	1160+43 I-294	NO	YES	VARIES WITH TEMPERATURE	N/A	UTL-7 to UTL-8	AERIAL HIGH VOLTAGE TRANSMISSION LINES	SUBMITTED	9/27/2017	COMPLETE	4/1/2018	YES	NO	12/1/2017	4/1/2018	RELOCATION COMPLETE.
CABLE	NONE																				
TELEPHONE	AT&T (T03-IBT-054)	1000 Commerce Dr Oak Brook, IL 60523	Alex Bryant	630-573-6456	1107+99 LT I-294	1107+99 LT I-294	YES	NO	UNKNOWN	N/A	UTL-3 to UTL-4	AERIAL LINES	SUBMITTED				YES	NO			DIRECT CONFLICT WITH PERFORMANCE BASED RETAINING WALL LOCATION 1 (TS20.88R,SB).
BELOW GROUND DRY UTILITIES																					
ELECTRICAL	COMED (T04-COMED-007)	Two Lincoln Centre, 6th Floor Oakbrook Terrace, IL 60181	Pete Krazer cc Jose Malagon	630-399-1862	1114+80 I-294	1114+80 I-294	NO	YES	N/A	6.5'	UTL-4	UNDERGROUND DISTRIBUTION	SUBMITTED	10/29/2018	IN PROGRESS		YES	NO	COMMENCED	5/14/2019	DIRECT CONFLICT WITH PROPOSED SOUTHBOUND AND NORTHBOUND ABUTMENTS AND FINAL GRADING.
	UNKNOWN				1120+74 I-294	1120+74 I-294	NO	YES	N/A	UNKNOWN	UTL-5	UNDERGROUND DISTRIBUTION. DOES NOT EXIST PER SUE SURVEY.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	DIRECT CONFLICT WITH EXISTING PIER REMOVAL. HBK FIELD VERIFIED DOES NOT EXIST.
	COMED (T04-COMED-85-15)	Two Lincoln Centre, 6th Floor Oakbrook Terrace, IL 60181	Pete Krazer cc Jose Malagon	630-399-1862	1126+26 I-294	1126+26 I-294	NO	YES	N/A	UNKNOWN	UTL-5	UNDERGROUND DISTRIBUTION	SUBMITTED	10/29/2018	IN PROGRESS		YES	NO	COMMENCED	5/14/2019	DIRECT CONFLICT WITH PROPOSED PIER 4 SOUTHBOUND AND PROPOSED PIER 4 NORTHBOUND
	UNKNOWN				1141+03 I-294	1141+03 I-294	NO	YES	N/A	UNKNOWN	UTL-6	UNDERGROUND BILLBOARD SERVICE LINE					YES	NO			TO BE RELOCATED WITH BILLBOARD RELOCATION.
	BNSF (T04-BNSF-073)	80 44th Ave NE Minneapolis, MN 55421	Calvin Nutt	736-782-3495	1142+69 I-294	1142+69 I-294	NO	YES	N/A	UNKNOWN	UTL-6	UNDERGROUND BNSF SIGNAL SERVICE LINE	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT NEAR EXISTING PIER 30 REMOVAL. SEE SP 106.
	BNSF (T04-BNSF-075)	80 44th Ave NE Minneapolis, MN 55421	Calvin Nutt	736-782-3495	1142+80 I-294	1142+80 I-294	NO	YES	N/A	UNKNOWN	UTL-6	UNDERGROUND BNSF SIGNAL SERVICE LINE	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT, HEAVY EQUIPMENT WILL BE CROSSING OVER UTILITY. SEE SP 106.
	BNSF (T04-BNSF-074)	80 44th Ave NE Minneapolis, MN 55421	Calvin Nutt	736-782-3495	1142+69 RT I-294	1143+15 RT I-294	YES	NO	N/A	UNKNOWN	UTL-6	UNDERGROUND BNSF SIGNAL SERVICE LINE	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT NEAR PROPOSED PIER 14 SOUTHBOUND AND PROPOSED PIER 14 NORTHBOUND. SEE SP 106.
	BNSF (T04-BNSF-076)	80 44th Ave NE Minneapolis, MN 55421	Calvin Nutt	736-782-3495	1144+90 I-294	1144+90 I-294	NO	YES	N/A	UNKNOWN	UTL-6	UNDERGROUND BNSF SIGNAL SERVICE LINE	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT, HEAVY EQUIPMENT WILL BE CROSSING OVER UTILITY. SEE SP 106.
	BNSF (T04-BNSF-077)	80 44th Ave NE Minneapolis, MN 55421	Calvin Nutt	736-782-3495	1145+16 I-294	1145+16 I-294	NO	YES	N/A	2'	UTL-6	UNDERGROUND BNSF SIGNAL SERVICE LINE	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT NEAR PROPOSED PIER 15 SOUTHBOUND, PROPOSED PIER 15 NORTHBOUND, AND EXISTING PIER 33 REMOVAL. SEE SP 106.

PLOT DATE = 1/29/2019
PLOT BY = Lillian Ho
PLOT SCALE = 1.0000 '/ in.
FILE NAME = pw:\\eamer.bentleycolab.com:DOT_D1_Project\Documents\1804807\Cancel to Base (DP4).dgn
Net Scale = 1.0000
Model: Default
Layout: UTL-11
Saved: 1/29/2019 10:49:48 AM CST
Active Config: Default
User: lho
Plotted: 1/29/2019 10:50:26 AM CST

DRAWN BY RR DATE 01/29/2019
CHECKED BY LGP DATE 01/29/2019

HDR ENGINEERING, INC.
9450 W. BRYN MAWR AVE.
ROSEMONT, IL 60018

LHQ TRI-STATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

NO	DATE	REVISIONS DESCRIPTION
1	03/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430

UTILITY PLAN MATRIX

SHEET NO. UTL - 11

DRAWING NO. 244 OF 1650

	UTILITY				LOCATION								WORK ORDER/ PERMITS								
	Utility Company	Utility Company Address	Utility company Contact Person	Contact Person Telephone Number	Start Sta.	End Sta.	Parallel Util.	Transverse Util.	Clear Height	Vert. Depth	Reference Drawing	Comments	Notice of Interference	Date W.O. to Start	Work Order Status	Date Completed	Utility to Relocate	Contractor to Relocate	Estimated Start of Utility Relocation	Estimated Completion of Utility Relocation	Special Requirements or Comments
															In Progress (Yes/No)		Yes/NO	Yes/NO	Date	Date	
	COMED (T04-COMED-084)	Two Lincoln Centre, 6th Floor Oakbrook Terrace, IL 60181	Pete Krazer cc Jose Malagon	630-399-1862	1146+90 I-294	1146+90 I-294	NO	YES	N/A	UNKNOWN	UTL-6	UNDERGROUND DISTRIBUTION	SUBMITTED	10/29/2018	IN PROGRESS		YES	NO	COMMENCED	5/14/2019	DIRECT CONFLICT WITH PROPOSED PIER 16 SOUTHBOUND.
	COMED (T04-COMED-053)	Two Lincoln Centre, 6th Floor Oakbrook Terrace, IL 60181	Pete Krazer cc Jose Malagon	630-399-1862	1147+34 RT I-294	1150+79 RT I-294	YES	NO	N/A	UNKNOWN	UTL-6 to UTL-7	UNDERGROUND DISTRIBUTION	SUBMITTED	10/29/2018	IN PROGRESS		YES	NO	COMMENCED	5/14/2019	DIRECT CONFLICT WITH PROPOSED PIER 17 AND 18 SOUTHBOUND. POTENTIAL CONFLICT WITH EXISTING PIERS 36 THROUGH 39 REMOVAL.
	COMED (T04-COMED-051)	Two Lincoln Centre, 6th Floor Oakbrook Terrace, IL 60181	Pete Krazer cc Jose Malagon	630-399-1862	1150+79 I-294	1150+79 I-294	NO	YES	N/A	2.4'	UTL-7	UNDERGROUND DISTRIBUTION	SUBMITTED	10/29/2018	IN PROGRESS		YES	NO	COMMENCED	5/14/2019	CONFLICT WITH EXISTING PIER 39 REMOVAL AND PROPOSED STORM SEWER.
	VILLAGE OF HODGKINS (T04-HDKNS-090)	8991 Lyons St. Hodgkins, IL 60525	Jim Cainkar	630-887-8640	1151+42 I-294	1151+42 I-294	NO	YES	N/A	3.2'	UTL-7	UNDERGROUND LIGHTING SERVICE LINE	SUBMITTED	N/A	N/A	N/A	NO	YES	N/A	N/A	CONFLICT WITH PROPOSED PIER 19 SOUTHBOUND, PROPOSED PIER 19 NORTHBOUND, EXISTING PIER 40 REMOVAL, AND PROPOSED STORM SEWER
	COMED (T04-COMED-051)	Two Lincoln Centre, 6th Floor Oakbrook Terrace, IL 60181	Pete Krazer cc Jose Malagon	630-399-1862	1154+42 RT I-294	1154+90 RT I-294	YES	NO	N/A	UNKNOWN	UTL-7	UNDERGROUND DISTRIBUTION	SUBMITTED	10/29/2018	IN PROGRESS		YES	NO	COMMENCED	5/14/2019	DIRECT CONFLICT WITH PROPOSED PIER 21 SOUTHBOUND.
	COMED (T04-COMED-051)	Two Lincoln Centre, 6th Floor Oakbrook Terrace, IL 60181	Pete Krazer cc Jose Malagon	630-399-1862	1154+90 I-294	1154+90 I-294	NO	YES	N/A	3'	UTL-7	UNDERGROUND DISTRIBUTION	SUBMITTED	10/29/2018	IN PROGRESS		YES	NO	COMMENCED	5/14/2019	DIRECT CONFLICT WITH PROPOSED PIER 21 SOUTHBOUND.
	BNSF (T04-COMED-051)	80 44th Ave NE Minneapolis, MN 55421	Calvin Nutt	736-782-3495	1157+62 RT I-294	1158+15 RT I-294	YES	NO	N/A	UNKNOWN	UTL-7	BNSF ELECTRIC SERVICE	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT NEAR PROPOSED PIER 23 NORTHBOUND. SEE SP 106.
	BNSF (T04-COMED-051)	80 44th Ave NE Minneapolis, MN 55421	Calvin Nutt	736-782-3495	1158+02 RT I-294	1159+08 RT I-294	YES	NO	N/A	UNKNOWN	UTL-7	BNSF ELECTRIC SERVICE	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT NEAR PROPOSED PIER 24 NORTHBOUND. SEE SP 106.
	COMED (T04-COMED-051)	Two Lincoln Centre, 6th Floor Oakbrook Terrace, IL 60181	Pete Krazer cc Jose Malagon	630-399-1862	1159+71 I-294	1159+71 I-294	NO	YES	N/A	UNKNOWN	UTL-7	UNDERGROUND DISTRIBUTION	SUBMITTED	10/29/2018	IN PROGRESS		YES	NO	COMMENCED	5/14/2019	CONFLICT WITH EXISTING PIER 49 REMOVAL.
	COMED (T04-COMED-053)	Two Lincoln Centre, 6th Floor Oakbrook Terrace, IL 60181	Pete Krazer cc Jose Malagon	630-399-1862	1159+92 RT I-294	1161+08 RT I-294	YES	NO	N/A	UNKNOWN	UTL-7 to UTL-8	UNDERGROUND DISTRIBUTION	SUBMITTED	10/29/2018	IN PROGRESS		YES	NO	COMMENCED	5/14/2019	DIRECT CONFLICT WITH PROPOSED PIER 25 NORTHBOUND.
	COMED (T04-COMED-051)	Two Lincoln Centre, 6th Floor Oakbrook Terrace, IL 60181	Pete Krazer cc Jose Malagon	630-399-1862	1161+08 RT I-294	1161+08 RT I-294	YES	NO	N/A	UNKNOWN	UTL-8	UNDERGROUND DISTRIBUTION	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	NO CONFLICT ANTICIPATED. WATCH AND PROTECT, HEAVY EQUIPMENT WILL BE CROSSING OVER UTILITY.
CABLE	COMCAST (T04-CMCST-066)	688 Industrial Driv Elmhurst, IL 60126	Thomas Munar	224-229-5851	1115+08 I-294	1115+08 I-294	NO	YES	N/A	UNKNOWN	UTL-4	UNDERGROUND CABLE	SUBMITTED				YES	NO			DIRECT CONFLICT WITH PROPOSED SOUTHBOUND ABUTMENT AND FINAL GRADING.
	UNKNOWN				1150+80 I-294	1150+80 I-294	NO	YES	N/A	2.7'	UTL-7	UNDERGROUND CABLE. DOES NOT EXIST PER SUE SURVEY.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	UNDERGROUND CABLE. DOES NOT EXIST PER SUE SURVEY.
FIBER OPTICS	LEVEL 3 (CENTURY LINK)	2800 E. 34th St Minneapolis, MN 55406	Xan Rypkema	612-605-5508	1113+30 I-294	1114+20 I-294	YES	NO	N/A	UNKNOWN	UTL-4	UNDERGROUND FIBER OPTIC	PART OF G4S RELOCATION	N/A	N/A	N/A	NO	YES	N/A	N/A	DIRECT CONFLICT WITH PROPOSED NORTHBOUND ABUTMENT. PART OF TOLLWAY OWNED G4S RELOCATION. SEE ITS PLANS.
	MCI (T04-MCI-067)	7720 West 60th Place Summit, IL 60501	Jim Todd	708-458-6410	1115+29 I-294	1115+29 I-294	NO	YES	N/A	4.2'	UTL-4	UNDERGROUND FIBER OPTIC	SUBMITTED				YES	NO			DIRECT CONFLICT WITH PROPOSED CULVERT.
	CN (T04-CNRR-068)	17641 Ashland Ave Homewood, IL 60430	Paul Chojenski	708-332-3557	1115+67 I-294	1115+67 I-294	NO	YES	N/A	UNKNOWN	UTL-4	UNDERGROUND FIBER OPTIC	SUBMITTED				YES	NO			DIRECT CONFLICT WITH PROPOSED CULVERT. WATCH AND PROTECT NEAR EXISTING PIER 2 REMOVAL.
	MCI (T04-MCI-067)	7720 West 60th Place Summit, IL 60501	Jim Todd	708-458-6410	1115+75 I-294	1115+75 I-294	NO	YES	N/A	4.2'	UTL-4	UNDERGROUND FIBER OPTIC	SUBMITTED				YES	NO			DIRECT CONFLICT WITH PROPOSED CULVERT.
	CN (T04-CNRR-069)	17641 Ashland Ave Homewood, IL 60430	Paul Chojenski	708-332-3557	1115+78 I-294	1115+78 I-294	NO	YES	N/A	UNKNOWN	UTL-4	UNDERGROUND FIBER OPTIC	SUBMITTED				YES	NO			DIRECT CONFLICT WITH PROPOSED CULVERT. WATCH AND PROTECT NEAR EXISTING PIER 2 REMOVAL.
	SPRINT (T04-SPRNT-071)	PO Box 4181 Carol Stream, IL 60197	Gery A. Crain	847-445-1869	1116+14 I-294	1116+14 I-294	NO	YES	N/A	4.1'	UTL-4	UNDERGROUND FIBER OPTIC	SUBMITTED				YES	NO			DIRECT CONFLICT WITH PROPOSED CULVERT.

DRAWN BY RR DATE 01/29/2019
CHECKED BY LGP DATE 01/29/2019

HDR ENGINEERING, INC. 8450 W. BRYN MAWR AVE ROSEMONT, IL 60018

LHQ TRI-STATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

NO.	DATE	REVISIONS DESCRIPTION
1	02/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
UTILITY PLAN MATRIX

SHEET NO. UTL – 12
DRAWING NO. 245 OF 1650

	UTILITY				LOCATION									WORK ORDER/ PERMITS								
	Utility Company	Utility Company Address	Utility company Contact Person	Contact Person Telephone Number	Start Sta.	End Sta.	Parallel Util.	Transverse Util.	Clear Height	Vert. Depth	Reference Drawing	Comments	Notice of Interference	Date W.O. to Start	Work Order Status	Date Completed	Utility to Relocate	Contractor to Relocate	Estimated Start of Utility Relocation	Estimated Completion of Utility Relocation	Special Requirements or Comments
	AT&T (T04-ATT-081)	1000 Commerce Dr Oak Brook, IL 60523	Alex Bryant	630-573-6456	1146+83 I-294	1146+83 I-294	NO	YES	N/A	UNKNOWN	UTL-6	UNDERGROUND FIBER OPTIC	SUBMITTED				YES	NO			DIRECT CONFLICT WITH PROPOSED PIER 16 SOUTHBOUND.
	BNSF (T04-BNRR-093)	80 44th Ave NE Minneapolis, MN 55421	Calvin Nutt	736-782-3495	1146+83 I-294	1146+83 I-294	NO	YES	N/A	UNKNOWN	UTL-6	UNDERGROUND FIBER OPTIC	SUBMITTED				YES	NO			DIRECT CONFLICT WITH PROPOSED PIER 16 SOUTHBOUND. SAME FIBER OPTIC LINE LISTED IN AT&T ROW ABOVE.
	G4S (T24-G4S-079)	565 Willowbrook Centre Pkwy Willowbrook, IL 60527	Kellas Dodson	630-286-9190	1159+87 I-294	1159+87 I-294	NO	YES	N/A	UNKNOWN	UTL-7	UNDERGROUND FIBER OPTIC	SUBMITTED	10/29/2018	IN PROGRESS		YES	NO			CONFLICT WITH EXISTING PIER 49 REMOVAL.
	COMED (T04-COMED-079)	Two Lincoln Centre, 6th Floor Oakbrook Terrace, IL 60181	Pete Krazer cc Jose Maiagon	630-399-1862	1159+87 I-294	1159+87 I-294	NO	YES	N/A	UNKNOWN	UTL-7	UNDERGROUND FIBER OPTIC COMED DUCT BANK	SUBMITTED	10/29/2018	IN PROGRESS		YES	NO	COMMENCED	5/14/2019	CONFLICT WITH EXISTING PIER 49 REMOVAL. SAME FIBER OPTIC LINE LISTED IN G4S ROW ABOVE. COMED OWNED G4S OPERATED.
TELEPHONE	AT&T (T04-IBT-008)	1000 Commerce Dr Oak Brook, IL 60523	Alex Bryant	630-573-6456	1115+08 I-294	1115+08 I-294	NO	YES	N/A	UNKNOWN	UTL-4	UNDERGROUND CABLE	SUBMITTED				YES	NO			DIRECT CONFLICT WITH PROPOSED SOUTHBOUND ABUTMENT AND FINAL GRADING.
	AT&T (T04-ATT-081)	1000 Commerce Dr Oak Brook, IL 60523	Alex Bryant	630-573-6456	1150+80 LT I-294	1159+12 LT I-294	YES	NO	N/A	UNKNOWN	UTL-7	UNDERGROUND CABLE	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT NEAR EXISTING PIER 39 REMOVAL. LINE IS ABANDONED PER ASE SUE SURVEY NORTH OF SANTA FE DRIVE.
TELEVISION	NONE																				
BELOW GROUND WET UTILITIES																					
WATER	WSWC (T03-WSWC-100)	7000 S Archer Rd. Justice/Bedford Park, IL 60458	Colleen Kelly	708-865-0300	1096+00 RT I-294	1104+64 RT I-294	YES	NO	N/A	7.1'	UTL-3	20" WATERMAIN	SUBMITTED	N/A	N/A	N/A	NO	YES	N/A	N/A	CONFLICT WITH CULVERTS AND SWALE NEAR LA GRANGE RD.
	WSWC (T03-WSWC-100)	7000 S Archer Rd. Justice/Bedford Park, IL 60458	Colleen Kelly	708-865-0300	1104+53 I-294	1104+53 I-294	NO	YES	N/A	3.9' to 7.9'	UTL-3	20" WATERMAIN	SUBMITTED	N/A	N/A	N/A	NO	YES	N/A	N/A	DIRECT CONFLICT WITH EXISTING PIER REMOVAL AT LA GRANGE RD.
	WSWC (T03-WSWC-101)	7000 S Archer Rd. Justice/Bedford Park, IL 60458	Colleen Kelly	708-865-0300	1107+44 LT I-294	1107+44 LT I-294	YES	NO	N/A	UNKNOWN	UTL-4	6" WATERMAIN	SUBMITTED	N/A	N/A	N/A	NO	YES	N/A	N/A	DIRECT CONFLICT WITH PERFORMANCE BASED RETAINING WALL LOCATION 1 (TS20.88R,SB).
	WSWC (T04-WSWC-057)	7000 S Archer Rd. Justice/Bedford Park, IL 60458	Colleen Kelly	708-865-0300	1113+12 LT I-294	1141+36 LT I-294	YES	NO	N/A	3.5' to 14.3'	UTL-4 to UTL-6	20" WATERMAIN WITH 30" CASING IN CSS CANAL	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT NEAR PROPOSED DETENTION BASIN .
	VILLAGE OF BURR RIDGE (T04-BURRG-082)	415 Commerce St. Burr Ridge, IL 60527	David Preissig	630-323-4733 Ext 6000	1117+02 I-294	1117+02 I-294	NO	YES	N/A	1' to 4.7'	UTL-4	36" WATERMAIN	SUBMITTED	N/A	N/A	N/A	NO	YES	N/A	N/A	CONFLICT WITH PROPOSED PIER 1 SOUTHBOUND AND PROPOSED PIER 1 NORTHBOUND. DIRECT CONFLICT WITH PROPOSED BOX CULVERT WEST OF THE BRIDGE. WATCH AND PROTECT. ⚠2
	ILLINOIS AMERICAN WATER (T04-ILAWR-072)	1000 Internationale Parkway Woodridge, IL 60517	Henry Maradiaga	630-739-8828	1119+84 I-294	1119+84 I-294	NO	YES	N/A	7.8' to 10.2'	UTL-4 to UTL-5	54" WATERMAIN	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	IL AMERICAN WATER STATED NO DIRECT CONFLICT, WATCH AND PROTECT OPERATIONS NEEDED.
	WSWC (T04-WSWC-058)	7000 S Archer Rd. Justice/Bedford Park, IL 60458	Colleen Kelly	708-865-0300	1121+91 LT I-294	1126+71 LT I-294	YES	NO	N/A	6.3' to 11'	UTL-5	16" WATERMAIN WITH 24" CASING IN CSS CANAL	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT. HEAVY EQUIPMENT WILL BE CROSSING OVER UTILITY.
	WSWC (T04-WSWC-059)	7000 S Archer Rd. Justice/Bedford Park, IL 60458	Colleen Kelly	708-865-0300	1126+71 I-294	1126+71 I-294	NO	YES	N/A	11'	UTL-5	8" WATERMAIN	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT. HEAVY EQUIPMENT WILL BE CROSSING OVER UTILITY.
	MWRD (T04-MSDGC-064)	100 E Erie St. Chicago, IL 60611	Joe Schuessler	312-751-3236	1127+63 I-294	1127+63 I-294	NO	YES	N/A	UNKNOWN	UTL-5	WATERMAIN	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT NEAR EXISTING PIER 12 REMOVAL.
	MWRD (T04-MSDGC-060)	100 E Erie St. Chicago, IL 60611	Joe Schuessler	312-751-3236	1133+60 LT I-294	1136+07 LT I-294	YES	NO	N/A	6.4'	UTL-5 to UTL-6	WATERMAIN	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT. HEAVY EQUIPMENT WILL BE CROSSING OVER UTILITY.
	MWRD (T04-MSDGC-060)	100 E Erie St. Chicago, IL 60611	Joe Schuessler	312-751-3236	1136+07 I-294	1136+07 I-294	NO	YES	N/A	UNKNOWN	UTL-6	WATERMAIN	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT NEAR EXISTING PIER 21 REMOVAL. HEAVY EQUIPMENT WILL BE CROSSING OVER UTILITY.
	VILLAGE OF HODGKINS (T04-HDKNS-083)	8990 Lyons St. Hodgkins, IL 60525	Jim Cainkar	630-887-8640	1141+16 I-294	1141+16 I-294	NO	YES	N/A	3.9' to 5.9'	UTL-6	14" WATERMAIN	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	EMERGENCY INTERCONNECT WITH WSWC. WATCH AND PROTECT. HEAVY EQUIPMENT WILL BE CROSSING OVER UTILITY.
	VILLAGE OF HODGKINS (T04-HDKNS-086)	8991 Lyons St. Hodgkins, IL 60525	Jim Cainkar	630-887-8640	1141+39 LT I-294	1162+47 LT I-294	YES	NO	N/A	10.2' to 14.2'	UTL-6 to UTL-8	20" WATERMAIN	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT. HEAVY EQUIPMENT WILL BE CROSSING OVER UTILITY.
	VILLAGE OF HODGKINS FIRE DEPARTEMENT (T04-HDKFD-087)	8991 Lyons St. Hodgkins, IL 60525	Jim Cainkar	630-887-8640	1150+70 I-294	1150+70 I-294	NO	YES	N/A	UNKNOWN	UTL-7	SERVICE LINE UNDERGROUND AND ATTACHED TO PIER PROVIDING WATER TO BRIDGE DECK	SUBMITTED	N/A	N/A	N/A	NO	YES	N/A	N/A	DIRECT CONFLICT WITH DECK AND EXISTING PIER 39 REMOVAL.

⚠2

DRAWN BY RR DATE 01/29/2019
CHECKED BY LGP DATE 01/29/2019

HDR ENGINEERING, INC. 8450 W. BRYN MAWR AVE. ROSEMONT, IL 60018

LHQ TRI-STATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO	DATE	DESCRIPTION
⚠2	02/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
UTILITY PLAN MATRIX

SHEET NO. UTL – 13
DRAWING NO. 246 OF 1650

PLOT TIME = 8:49:05 PM
PLOT DATE = 2/12/2019
PLOT SCALE = 100.0000 ' / in.
FILE NAME = ...

	UTILITY				LOCATION								WORK ORDER/ PERMITS								
	Utility Company	Utility Company Address	Utility Company Contact Person	Contact Person Telephone Number	Start Sta.	End Sta.	Parallel Util.	Transverse Util.	Clear Height	Vert. Depth	Reference Drawing	Comments	Notice of Interference	Date W.O. to Start	Work Order Status	Date Completed	Utility to Relocate	Contractor to Relocate	Estimated Start of Utility Relocation	Estimated Completion of Utility Relocation	Special Requirements or Comments
															In Progress (E.T.C.)		Yes/NO	Yes/NO	Date	Date	
	VILLAGE OF HODGKINS (T04-HDKNS-088)	8991 Lyons St. Hodgkins, IL 60525	Jim Cainkar	630-887-8640	1151+02 RT I-294	1151+40 RT I-294	YES	NO	N/A	10'	UTL-7	14" WATERMAIN	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT NEAR EXISTING PIER 40 REMOVAL AND PROPOSED PIER 19 SOUTHBOUND.
	VILLAGE OF HODGKINS (T04-HDKNS-088)	8991 Lyons St. Hodgkins, IL 60525	Jim Cainkar	630-887-8640	1151+11 I-294	1151+13 I-294	NO	YES	N/A	7.7'	UTL-7	14" WATERMAIN	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT, HEAVY EQUIPMENT WILL BE CROSSING OVER UTILITY.
	VILLAGE OF HODGKINS (T04-HDKNS-088)	8991 Lyons St. Hodgkins, IL 60525	Jim Cainkar	630-887-8640	1151+40 RT I-294	1151+40 RT I-294	NO	YES	N/A	7.2' to 10.1'	UTL-7	14" WATERMAIN	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT NEAR PROPOSED PIER 19 NORTHBOUND AND SOUTHBOUND.
	VILLAGE OF HODGKINS (T04-HDKNS-091)	8991 Lyons St. Hodgkins, IL 60525	Jim Cainkar	630-887-8640	1159+29 I-294	1159+29 I-294	NO	YES	N/A	UNKNOWN	UTL-7	1-1/2" WATERMAIN	SUBMITTED	N/A	N/A	N/A	YES	NO		11/29/2019	CONFLICT WITH PROPOSED PIER 24 NORTHBOUND AND SOUTHBOUND. UTILITY TO BE RELOCATED WITH NEW BNSF MOW BUILDING.
	VILLAGE OF HODGKINS (T04-HDKNS-092)	8991 Lyons St. Hodgkins, IL 60525	Jim Cainkar	630-887-8640	1162+47 LT I-294	1162+47 LT I-294	NO	YES	N/A	UNKNOWN	UTL-8	12" WATERMAIN	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT.
	CITY OF COUNTRYSIDE (TS-1989-30)	5550 East Avenue Countryside, IL 60525	Michael Hartigan	708-485-2657	1172+19 I-294	1172+19 I-294	NO	YES	N/A	UNKNOWN	UTL-8	12" WATERMAIN UNDER I-294 AND 6" WATERMAIN CONTINUING EAST	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT NEAR PROPOSED CULVERT, ITS PLAN, AND PERFORMANCE BASED NOISE ABATEMENT WALL 3A.
SANITARY SEWER	MWRD (T04-MSDGC-061)	100 E Erie St. Chicago, IL 60611	Joe Schuessler	312-751-3236	1114+91 LT I-294	1122+53 LT I-294	YES	NO	N/A	14.2'	UTL-4 to UTL-5	30" COMBINED SEWER	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT NEAR PROPOSED DETENTION BASIN AND PROPOSED TEMP SHEETING FOR PROPOSED CAUSEWAY.
	MWRD (T04-MSDGC-062)	100 E Erie St. Chicago, IL 60611	Joe Schuessler	312-751-3236	1120+50 I-294	1120+50 I-294	NO	YES	N/A	14.2'	UTL-4 to UTL-5	42" COMBINED SEWER	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT NEAR EXISTING PIER 8 REMOVAL.
	MWRD (T04-MSDGC-063)	100 E Erie St. Chicago, IL 60611	Joe Schuessler	312-751-3236	1126+20 I-294	1126+20 I-294	NO	YES	N/A	6.5' to 9.7'	UTL-5	18" COMBINED SEWER	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT NEAR PROPOSED PIER 4 SOUTHBOUND, PROPOSED PIER 4 NORTHBOUND, AND PROPOSED CULVERT EAST OF THE BRIDGE.
	VILLAGE OF HODGKINS (T04-HDKNS-089)	8991 Lyons St. Hodgkins, IL 60525	Jim Cainkar	630-887-8640	1151+93 I-294	1151+93 I-294	NO	YES	N/A	8.4' to 13.2'	UTL-7	12" SANITARY SEWER UNDER THE BRIDGE AND 18" SANITARY SEWER CONTINUING EAST	SUBMITTED	N/A	N/A	N/A	NO	YES	N/A	N/A	DIRECT CONFLICT WITH PROPOSED PIER 19 NORTHBOUND AND SOUTHBOUND.
	MWRD (T04-MSDGC-065)	100 E Erie St. Chicago, IL 60611	Joe Schuessler	312-751-3236	1159+55 RT I-294	1162+66 RT I-294	YES	NO	N/A	13.5' to 17'	UTL-7 to UTL-8	54" COMBINED SEWER	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT NEAR PROPOSED PIERS 25 AND 26 NORTHBOUND AND EXISTING PIER 51 REMOVAL.
	MWRD (T04-MSDGC-065)	100 E Erie St. Chicago, IL 60611	Joe Schuessler	312-751-3236	1162+71 I-294	1162+71 I-294	NO	YES	N/A	15.7'	UTL-8	54" COMBINED SEWER	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT NEAR NORTH ABUTMENTS.
	MWRD (T04-MSDGC-065)	100 E Erie St. Chicago, IL 60611	Joe Schuessler	312-751-3236	1162+77 LT I-294	1171+96 LT I-294	YES	NO	N/A	15.5' to 23'	UTL-8	54" COMBINED SEWER	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT, HEAVY EQUIPMENT WILL BE CROSSING OVER UTILITY.
	MWRD (T04-MSDGC-065)	100 E Erie St. Chicago, IL 60611	Joe Schuessler	312-751-3236	1171+96 LT I-294	1172+41 LT I-294	YES	NO	N/A	UNKNOWN	UTL-8	54" COMBINED SEWER	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT, HEAVY EQUIPMENT WILL BE CROSSING OVER UTILITY.
	MWRD (TS 1968-22)	100 E Erie St. Chicago, IL 60611	Joe Schuessler	312-751-3236	1172+41 LT I-294	1176+62 LT I-294	YES	NO	N/A	UNKNOWN	UTL-8 to UTL-9	54" COMBINED SEWER	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH ANG PROTECT.
STORM WATER SEWER	NONE																				
OIL	BP (T04-STOIL-02)	30 South Wacker Drive, Suite 900 Chicago, IL 60606	Blake Patrick	630-281-0342	1119+62 I-294	1119+62 I-294	NO	YES	N/A	4.1'	UTL-4 to UTL-5	8" HIGH PRESSURE PETROLEUM PIPELINE	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	HEAVY EQUIPMENT WILL BE CROSSING OVER UTILITY, WATCH AND PROTECT.
GAS	NICOR	1844 Ferry Road Naperville, IL 60563	Bruce Koppang	630-388-3046	1107+44 LT I-294	1107+44 LT I-294	YES	NO	N/A	UNKNOWN	UTL-4	GASLINE	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	RETAINING WALL LEVELING PAD TO BE ADJUSTED ACCORDINGLY AT THE LOCATION OF THE NICOR GAS LINE.
4	BUCKEYE (T04-BUCK-58)	12920 Bell Rd. Lemont, IL 60439	Tim Patchett	708-404-9510	1115+10 RT I-294	1159+95 LT I-294	YES	YES	N/A	5.1' to 6.4'	UTL-4 to UTL-8	14" JET FUEL PIPELINE	SUBMITTED	10/19/2017	IN PROGRESS		YES	NO	TBD	TBD	DIRECT CONFLICT WITH PR PIERS 1 THROUGH 16 SB. POTENTIAL CONFLICT WITH EX PIERS 3 THROUGH 35 REMOVAL. INDIRECT CONFLICT WITH PR PIERS 1, 13, 14, 15 NB, I&M CANAL CAUSEWAY, AND CSS CANAL CAUSEWAY. DIRECT CONFLICT WITH DES PLAINES RIVER CAUSEWAYS. SEE SP 104 AND SP 106.

DRAWN BY RR DATE 01/29/2019
CHECKED BY LGP DATE 01/29/2019

HDR ENGINEERING, INC.
8450 W. BRYN MAWR AVE.
ROSEMONT, IL 60018

LHQ TRANSPORTATION

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION
1	02/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430

UTILITY PLAN MATRIX

	UTILITY				LOCATION								WORK ORDER/ PERMITS								
	Utility Company	Utility Company Address	Utility company Contact Person	Contact Person Telephone Number	Start Sta.	End Sta.	Parallel Util.	Transverse Util.	Clear Height	Vert. Depth	Reference Drawing	Comments	Notice of Interference	Date W.O. to Start	Work Order Status In Progress (E,T,C.)	Date Completed	Utility to Relocate Yes/NO	Contractor to Relocate Yes/NO	Estimated Start of Utility Relocation Date	Estimated Completion of Utility Relocation Date	Special Requirements or Comments
	BUCKEYE (WESTSHORE) (T04-BPL-003)	12920 Bell Rd. Lemont, IL 60439	Tim Patchett	708-404-9510	1119+67 I-294	1119+67 I-294	NO	YES	N/A	3.1'	UTL-4 to UTL-5	10" PIPELINE	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT. HEAVY EQUIPMENT WILL BE CROSSING OVER UTILITY. SEE SP 106.
	NICOR (T04-NIG-78)	1844 Ferry Road Naperville, IL 60563	Bruce Koppang	630-388-3046	1150+69 I-294	1150+69 I-294	NO	YES	N/A	2.2'	UTL-7	4" GASLINE	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	NICOR STATED NO DIRECT CONFLICT. WATCH AND PROTECT OPERATIONS NEEDED.
	NGPL (T04-NGPCA-005)	1001 Louisiana Street Suite 1202B Houston, TX 77002	Mark Cavazos	713-420-4363	1159+99 I-294	1159+99 I-294	NO	YES	N/A	5.2'	UTL-7 to UTL-8	24" NATURAL GAS PIPELINE	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT NEAR PROPOSED PIER 25 NORTHBOUND, 25 SOUTHBOUND, AND EXISTING PIER 49 REMOVAL.
	NGPL (T04-NGPCA-005)	1001 Louisiana Street Suite 1202B Houston, TX 77002	Mark Cavazos	713-420-4363	1160+72 I-294	1160+72 I-294	NO	YES	N/A	4.8'	UTL-7 to UTL-8	30" NATURAL GAS PIPELINE	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT NEAR PROPOSED PIER 25 NORTHBOUND AND EXISTING PIER 50 REMOVAL.
	NGPL (T04-NGPCA-005)	1001 Louisiana Street Suite 1202B Houston, TX 77002	Mark Cavazos	713-420-4363	1161+05 I-294	1161+05 I-294	NO	YES	N/A	6.5'	UTL-8	24" NATURAL GAS PIPELINE	SUBMITTED	N/A	N/A	N/A	NO	NO	N/A	N/A	WATCH AND PROTECT. HEAVY EQUIPMENT WILL BE CROSSING OVER UTILITY.

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DRAWN BY RR DATE 01/29/2019
CHECKED BY LGP DATE 01/29/2019

HDR ENGINEERING, INC. 9450 W. BRYN MAWR AVE. ROSEMONT, IL 60018

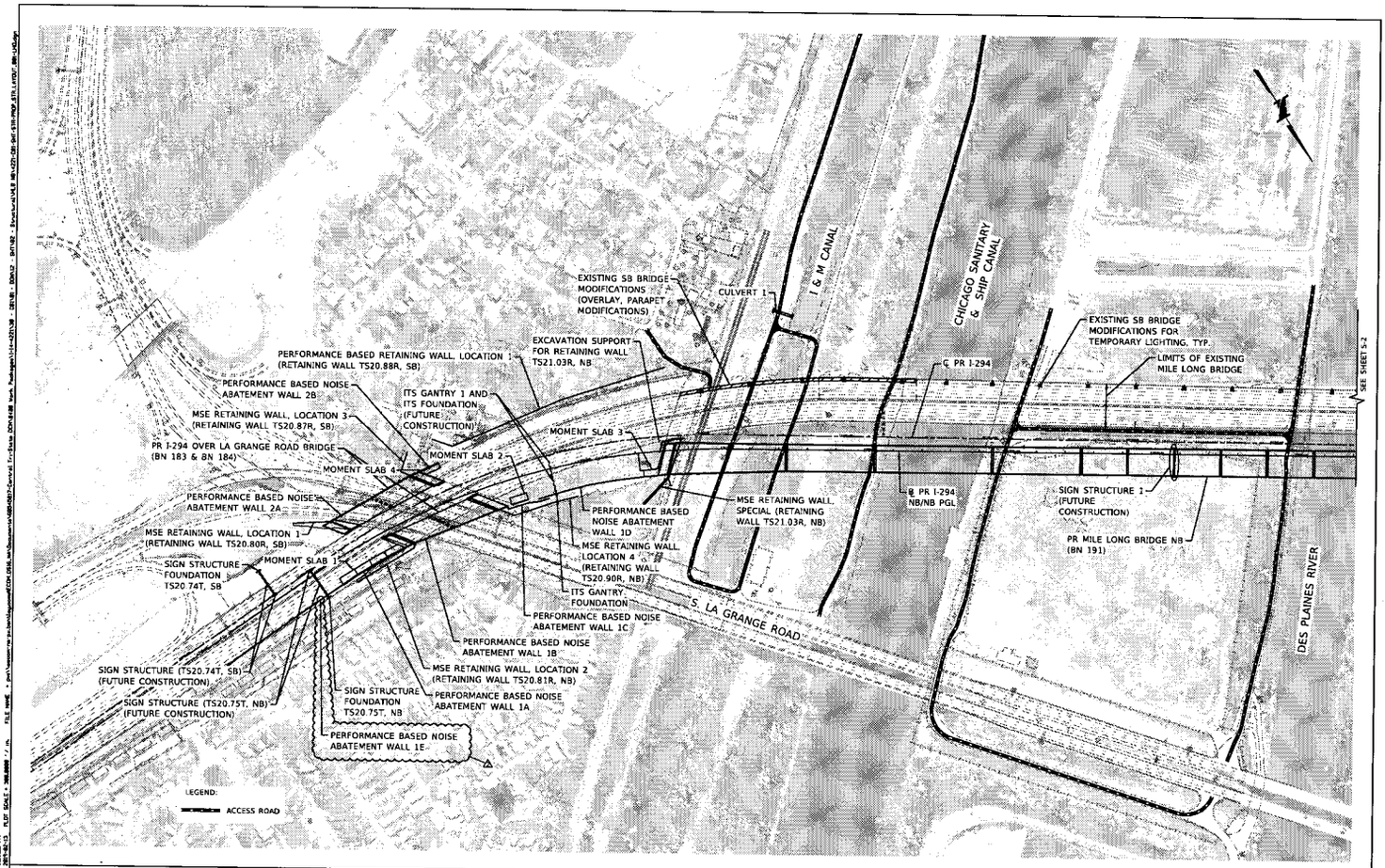
LHQ THE STATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO	DATE	DESCRIPTION
2	02/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
UTILITY PLAN MATRIX

SHEET NO. UTL – 15
DRAWING NO. 248 OF 1650



DRAWN BY RD DATE 01/29/2019
CHECKED BY RH DATE 01/29/2019

LOCHNER
CONSULTING ENGINEERS & PLANNERS
225 WEST WASHINGTON STREET 13TH FLOOR
CHICAGO, IL 60606
312-372-3011 PH / 312-372-5974 FX

LHQ TRI-STATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

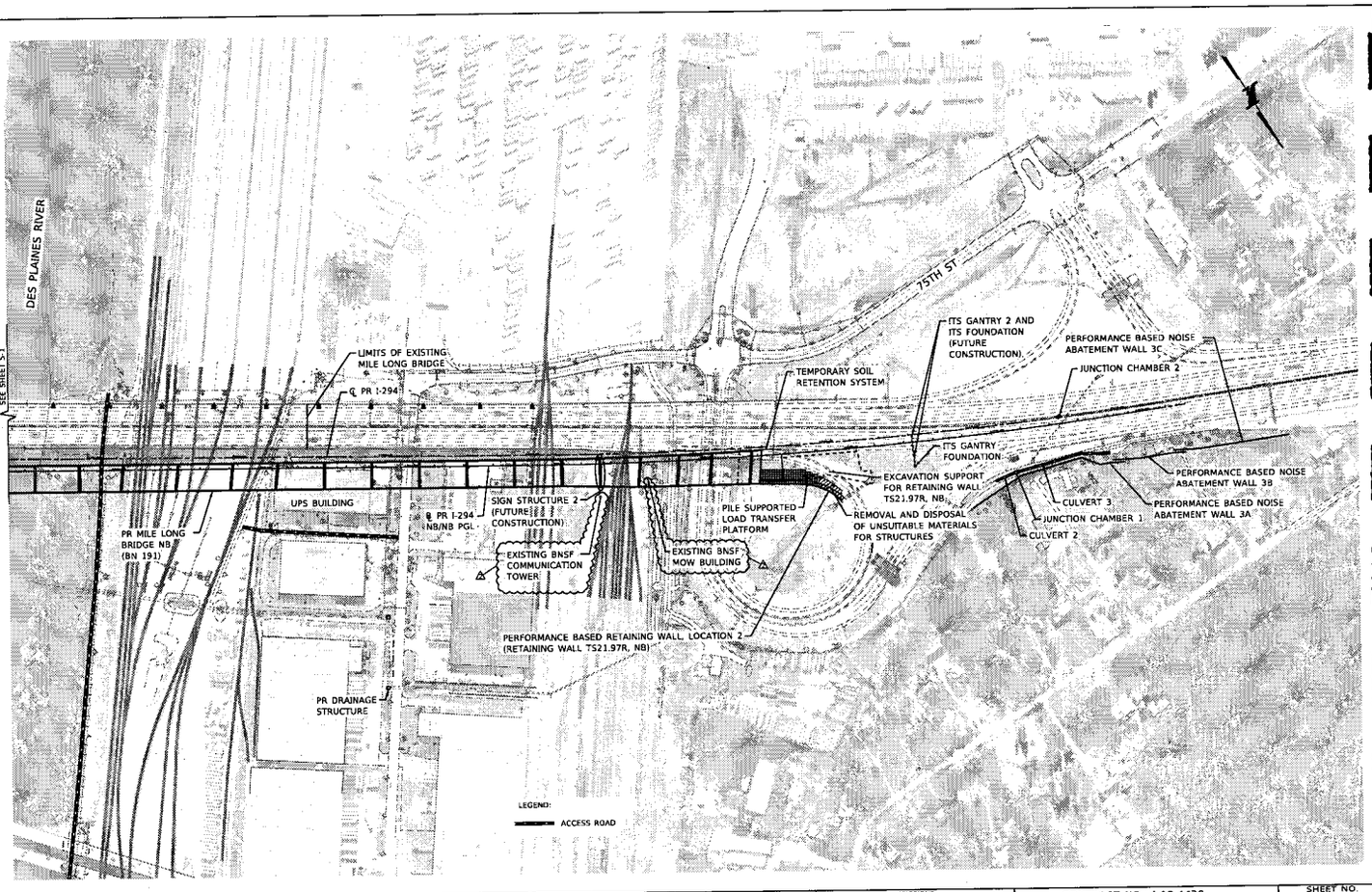
NO.	DATE	DESCRIPTION
2	02/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430

PROPOSED STRUCTURES LAYOUT & SUGGESTED CONTRACTOR ACCESS 1

SHEET NO. S - 1 OF 2

DRAWING NO. 544 OF 1650



DRAWN BY RD DATE 01/29/2019
CHECKED BY RH DATE 01/29/2019

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CONSULTING ENGINEERS & PLANNERS
200 WEST WASHINGTON STREET 12TH FLOOR
CHICAGO, IL 60606
312-372-3011 (P) / 312-372-9574 (F)

LHQ
TRI-STATE PARTNERS

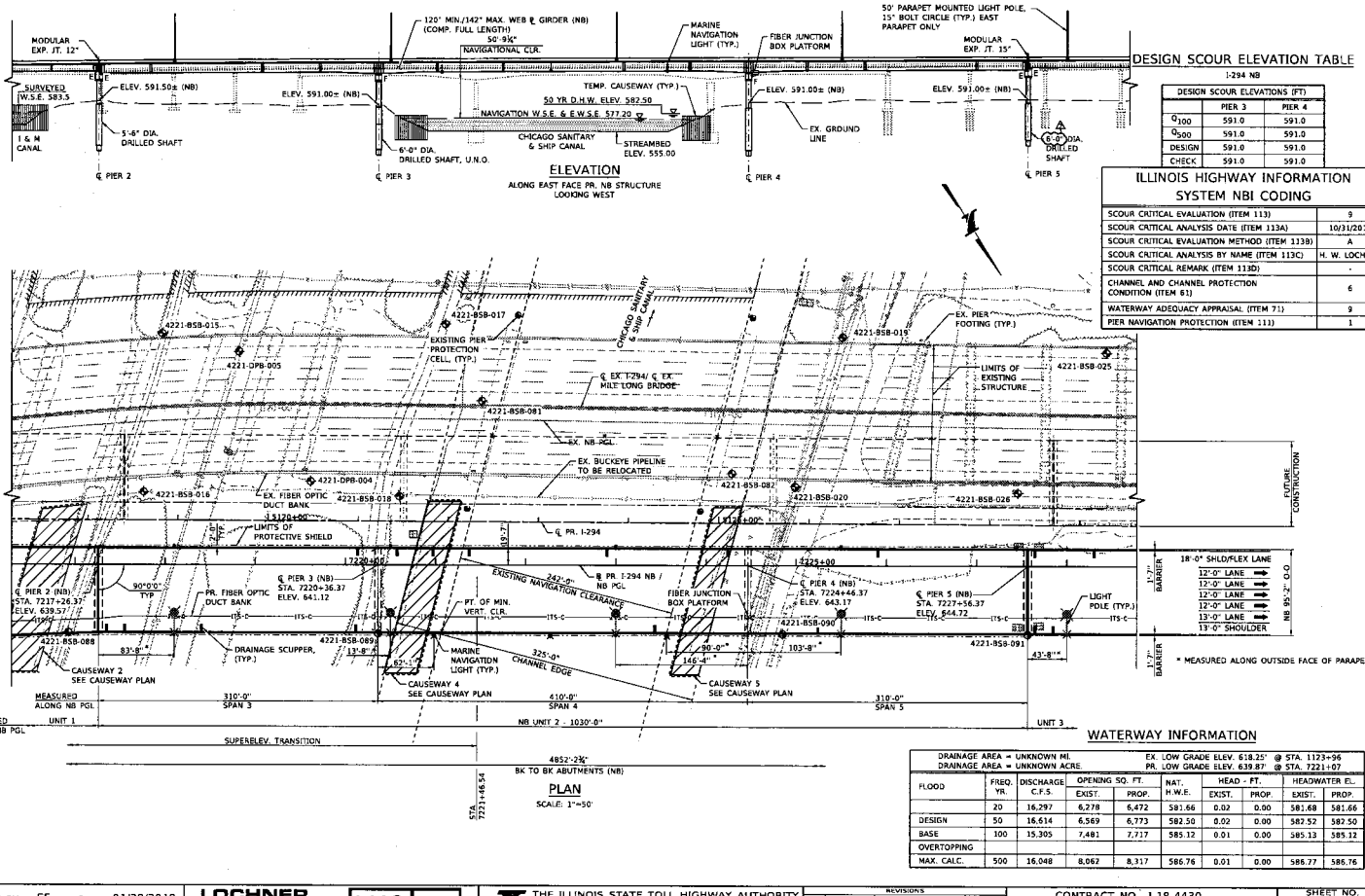
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION
2	02/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430

PROPOSED STRUCTURES LAYOUT
& SUGGESTED CONTRACTOR ACCESS 2

SHEET NO.
S - 2 OF 2
DRAWING NO.
545 OF 1650



DESIGN SCOUR ELEVATION TABLE

I-294 NB

DESIGN SCOUR ELEVATIONS (FT)		
	PIER 3	PIER 4
Q_{100}	591.0	591.0
Q_{500}	591.0	591.0
DESIGN	591.0	591.0
CHECK	591.0	591.0

ILLINOIS HIGHWAY INFORMATION SYSTEM NBI CODING

SCOUR CRITICAL EVALUATION (ITEM 113)	9
SCOUR CRITICAL ANALYSIS DATE (ITEM 113A)	10/31/2018
SCOUR CRITICAL EVALUATION METHOD (ITEM 113B)	A
SCOUR CRITICAL ANALYSIS BY NAME (ITEM 113C)	H. W. LOCHNER
SCOUR CRITICAL REMARK (ITEM 113D)	-
CHANNEL AND CHANNEL PROTECTION CONDITION (ITEM 61)	6
WATERWAY ADEQUACY APPRAISAL (ITEM 71)	9
PIER NAVIGATION PROTECTION (ITEM 111)	1

WATERWAY INFORMATION

DRAINAGE AREA = UNKNOWN MI. EX. LOW GRADE ELEV. 618.25' @ STA. 1123+96
DRAINAGE AREA = UNKNOWN ACRE. PR. LOW GRADE ELEV. 639.87' @ STA. 7221+07

FLOOD	FREQ. YR.	DISCHARGE C.F.S.	OPENING SQ. FT. EXIST.	OPENING SQ. FT. PROP.	NAT. H.W.E.	HEAD - FT. EXIST.	HEAD - FT. PROP.	HEADWATER EL. EXIST.	HEADWATER EL. PROP.
	20	16,297	6,278	6,472	581.66	0.02	0.00	581.68	581.66
DESIGN	50	16,614	6,569	6,773	582.50	0.02	0.00	582.52	582.50
BASE	100	15,305	7,481	7,717	585.12	0.01	0.00	585.13	585.12
OVERTOPPING									
MAX. CALC.	500	16,048	8,062	8,317	586.76	0.01	0.00	586.77	586.76

DRAWN BY EF DATE 01/29/2019
CHECKED BY KGN DATE 01/29/2019

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225 WEST WASHINGTON STREET 10TH FLOOR CHICAGO, IL 60606
312-372-5001 (P) / 312-372-5674 (F)

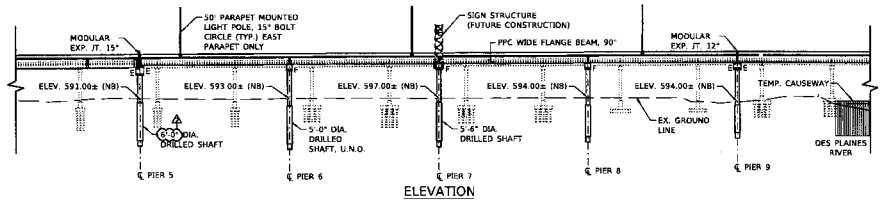
LHQ TRI-STATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE, ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION
1	02/19/2019	ADDENDUM NO. 2

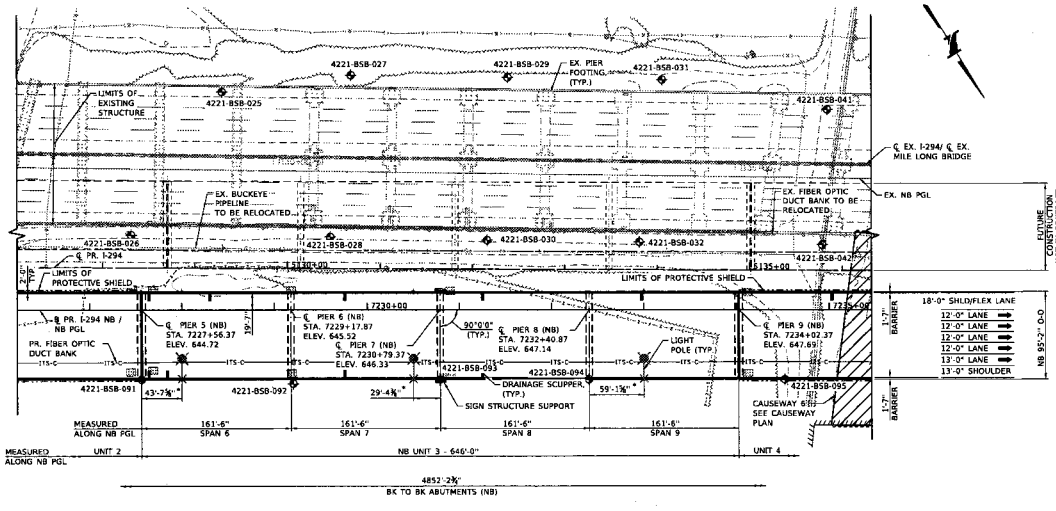
CONTRACT NO. I-18-4430
MILE LONG BRIDGE NB (BR. NO. 191)
GENERAL PLAN AND ELEVATION UNIT 2

SHEET NO. SA - 2 OF 541
DRAWING NO. 547 OF 1650



ELEVATION

ALONG EAST FACE PR. NB STRUCTURE
LOOKING WEST



* MEASURED ALONG OUTSIDE FACE OF PARAPET

PLAN

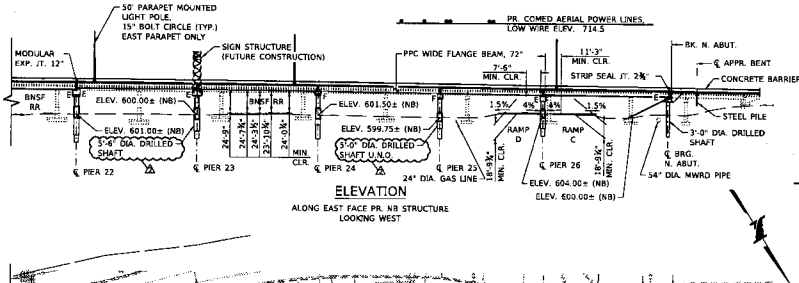
SCALE: 1"=50'

DRAWN BY EF	DATE 01/29/2019	LOCHNER CONSULTING ENGINEERS & PLANNERS 150 NORTH WACKER STREET 12TH FLOOR CHICAGO, IL 60606 312-372-3031 (P) / 312-372-5974 (F)	LHQ TRIBOLITE PARTNERS	THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY 2700 OGDEN AVENUE DOWNERS GROVE, ILLINOIS 60515	CONTRACT NO. I-18-4430
CHECKED BY KGN	DATE 01/29/2019			REVISIONS: NO. 1 DATE 02/19/2019 DESCRIPTION ADDENDUM NO. 2	MILE LONG BRIDGE NB (BR. NO. 191) GENERAL PLAN AND ELEVATION UNIT 3
					SHEET NO. SA - 3 OF 54 DRAWING NO. 548 OF 1650

INTERSECTION STATIONS

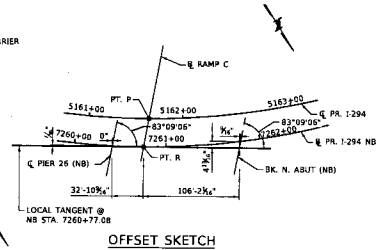
FOR INTERSECTING REFERENCE LINES

PT. ID	STATIONS OF INTERSECTION POINTS
PT. A	STA. 5135+65.42 (℄ PR. I-294) STA. 10+00 (BNSF RR)
PT. B	STA. 5135+88.79 (℄ PR. I-294) STA. 10+00 (BNSF RR)
PT. C	STA. 5158+19.36 (℄ PR. I-294) STA. 10+00 (BNSF RR)
PT. D	STA. 5158+36.05 (℄ PR. I-294) STA. 10+00 (BNSF RR)
PT. E	STA. 5158+36.21 (℄ PR. I-294) STA. 10+00 (BNSF RR)
PT. F	STA. 5158+43.78 (℄ PR. I-294) STA. 10+00 (BNSF RR)
PT. G	STA. 7254+77.34 (@ I-294 NB) STA. 9+65.46 (BNSF RR)
PT. H	STA. 7255+03.95 (@ I-294 NB) STA. 9+65.72 (BNSF RR)
PT. I	STA. 7257+29.30 (@ I-294 NB) STA. 9+66.12 (BNSF RR)
PT. J	STA. 7257+42.70 (@ I-294 NB) STA. 9+66.41 (BNSF RR)
PT. K	STA. 7257+44.43 (@ I-294 NB) STA. 9+66.77 (BNSF RR)
PT. L	STA. 7257+55.68 (@ I-294 NB) STA. 9+67.39 (BNSF RR)
PT. M	STA. 7257+56.48 (@ I-294 NB) STA. 9+67.46 (BNSF RR)
PT. N	STA. 5161+65.24 (℄ PR. I-294) STA. 403+18.84 (RAMP D)
PT. P	STA. 5161+64.76 (℄ PR. I-294) STA. 322+56.73 (RAMP C)
PT. Q	STA. 7260+17.52 (@ I-294 NB) STA. 403+49.59 (RAMP D)
PT. R	STA. 7260+77.07 (@ I-294 NB) STA. 322+26.41 (RAMP C)

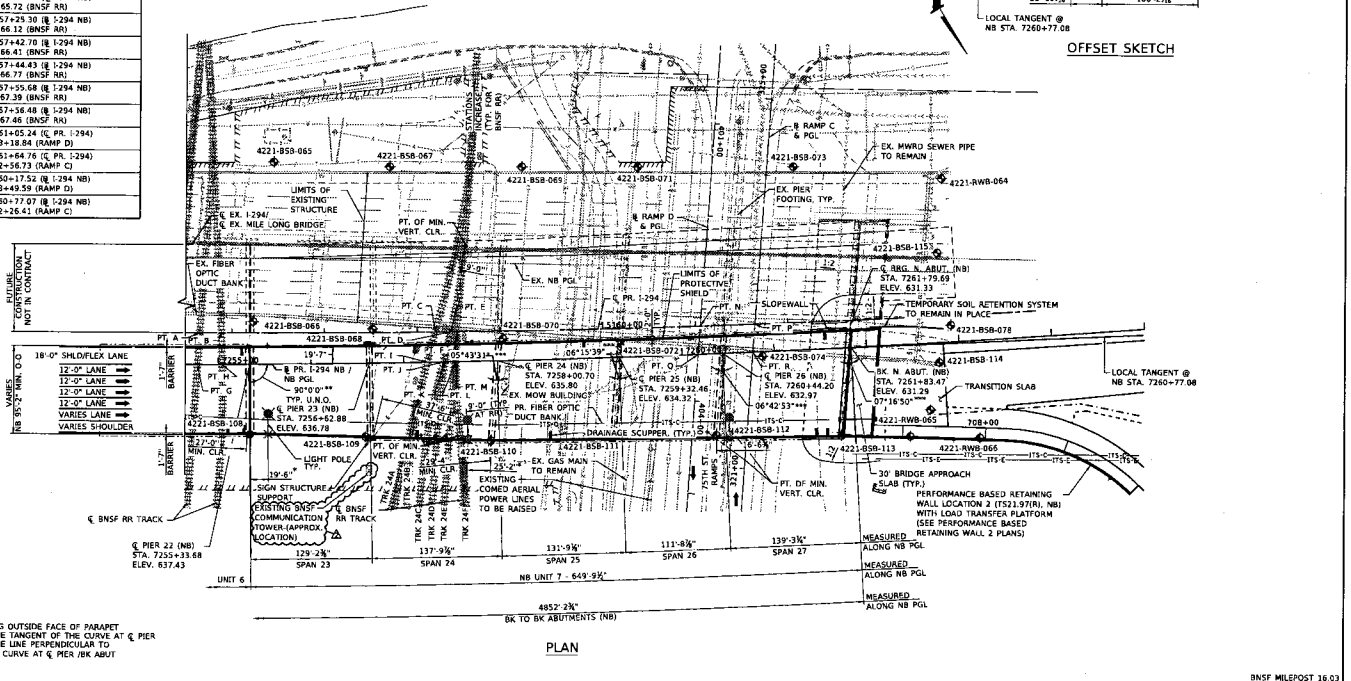


ELEVATION

ALONG EAST FACE PR. NB STRUCTURE LOOKING WEST



OFFSET SKETCH



PLAN

* MEASURED ALONG OUTSIDE FACE OF PARAPET
** MEASURED TO THE TANGENT OF THE CURVE AT ℄ PIER
*** MEASURED TO THE LINE PERPENDICULAR TO TANGENT OF THE CURVE AT ℄ PIER /BK ABUT

DRAWN BY EF DATE 01/29/2019
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CONSULTING ENGINEERS & PLANNERS
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CHICAGO, IL 60606
312-372-3011 (P) / 312-372-5974 (F)

LHQ TRIDENT PARTNERS

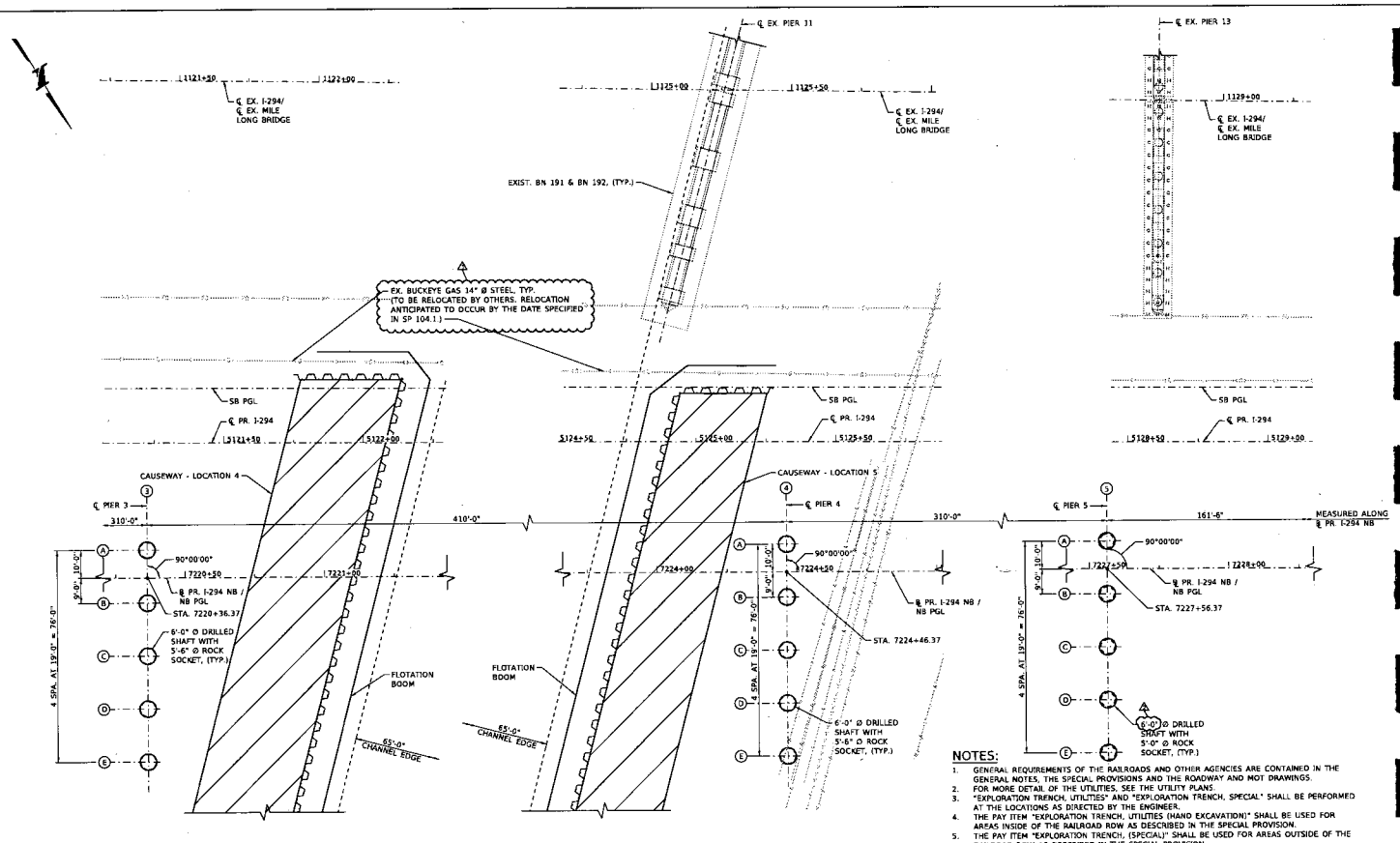
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION
2	02/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
MILE LONG BRIDGE NB (BR. NO. 191)
GENERAL PLAN AND ELEVATION UNIT 7

BNSF MILEPOST 16.03
LS 7000

SHEET NO. SA - 7 OF 541
DRAWING NO. 552 OF 1650



FOUNDATION LAYOUT - PARTIAL PLAN - UNIT 2

NOTES:

1. GENERAL REQUIREMENTS OF THE RAILROADS AND OTHER AGENCIES ARE CONTAINED IN THE GENERAL NOTES, THE SPECIAL PROVISIONS AND THE ROADWAY AND MOT DRAWINGS.
2. FOR MORE DETAIL OF THE UTILITIES, SEE THE UTILITY PLANS.
3. "EXPLORATION TRENCH, UTILITIES" AND "EXPLORATION TRENCH, SPECIAL" SHALL BE PERFORMED AT THE LOCATIONS AS DIRECTED BY THE ENGINEER.
4. THE PAY ITEM "EXPLORATION TRENCH, UTILITIES (HAND EXCAVATION)" SHALL BE USED FOR AREAS INSIDE OF THE RAILROAD ROW AS DESCRIBED IN THE SPECIAL PROVISION.
5. THE PAY ITEM "EXPLORATION TRENCH, (SPECIAL)" SHALL BE USED FOR AREAS OUTSIDE OF THE RAILROAD ROW AS DESCRIBED IN THE SPECIAL PROVISION.
6. COST OF REMOVAL OF THE EXPOSED ABANDONED UTILITY IS INCLUDED WITH DRILLED SHAFT IN SOIL.
7. PROTECTION AND MONITORING OF THE EXISTING UTILITIES, DURING DRILLED SHAFT INSTALLATION, SHALL FOLLOW THE SPECIAL PROVISIONS. SEE SPECIAL PROVISIONS FOR MORE DETAIL.
8. CONSTRUCTION OF CAUSEWAYS AND FOUNDATIONS SHALL BE COORDINATED WITH ALL UTILITIES TO BE RELOCATED. SEE SP 104.1 AND SP 106.12.

DRAWN BY JB DATE 01/29/2019
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CONSULTING ENGINEERS & PLANNERS
225 WEST WASHINGTON STREET 12TH FLOOR
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312-372-3011 P / 312-372-0574 F

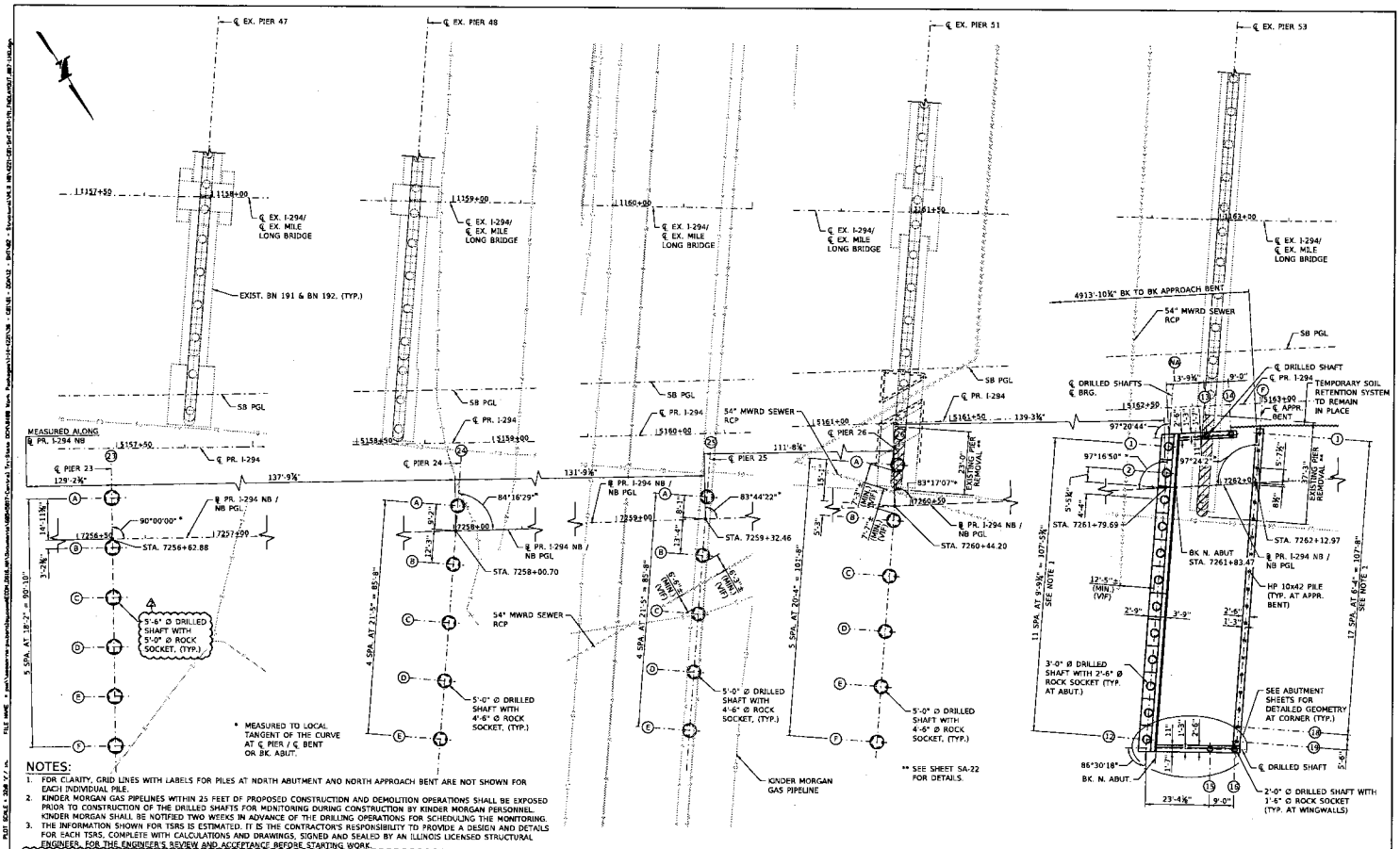
LHQ TRISTATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

NO	DATE	REVISIONS DESCRIPTION
1	02/08/2019	ADDENDUM NO. 1
2	02/15/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
MILE LONG BRIDGE NB (BR. NO. 191)
FOUNDATION LAYOUT - UNIT 2

SHEET NO.
SA - 41 OF 54
DRAWING NO.
586 OF 1650



NOTES:

1. FOR CLARITY, GRID LINES WITH LABELS FOR PILES AT NORTH ABUTMENT AND NORTH APPROACH BENT ARE NOT SHOWN FOR EACH INDIVIDUAL PILE.
2. KINDER MORGAN GAS PIPELINES WITHIN 25 FEET OF PROPOSED CONSTRUCTION AND DEMOLITION OPERATIONS SHALL BE EXPOSED PRIOR TO CONSTRUCTION OF THE DRILLED SHAFTS FOR MONITORING DURING CONSTRUCTION BY KINDER MORGAN PERSONNEL. KINDER MORGAN SHALL BE NOTIFIED TWO WEEKS IN ADVANCE OF THE DRILLING OPERATIONS FOR SCHEDULING THE MONITORING.
3. THE INFORMATION SHOWN FOR TSRS IS ESTIMATED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE A DESIGN AND DETAILS FOR EACH TSRS. COMPLETE WITH CALCULATIONS AND DRAWINGS, SIGNED AND SEALED BY AN ILLINOIS LICENSED STRUCTURAL ENGINEER, FOR THE ENGINEER'S REVIEW AND ACCEPTANCE BEFORE STARTING WORK.
4. CONSTRUCTION OF CAUSEWAYS AND FOUNDATIONS SHALL BE COORDINATED WITH ALL UTILITIES TO BE RELOCATED. SEE SP 104-1 AND SP 106-13. △
5. SEE FOUNDATION LAYOUT NOTES ON SHEET SA-4.

FOUNDATION LAYOUT - PARTIAL PLAN - UNIT 7

DRAWN BY JB DATE 01/29/2019
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CONSULTING ENGINEERS & PLANNERS
225 WEST WASHINGTON STREET 18TH FLOOR
CHICAGO, ILLINOIS
312-372-3011 PH / 312-372-5914 (F)

LHQ TRISTATE PARTNERS

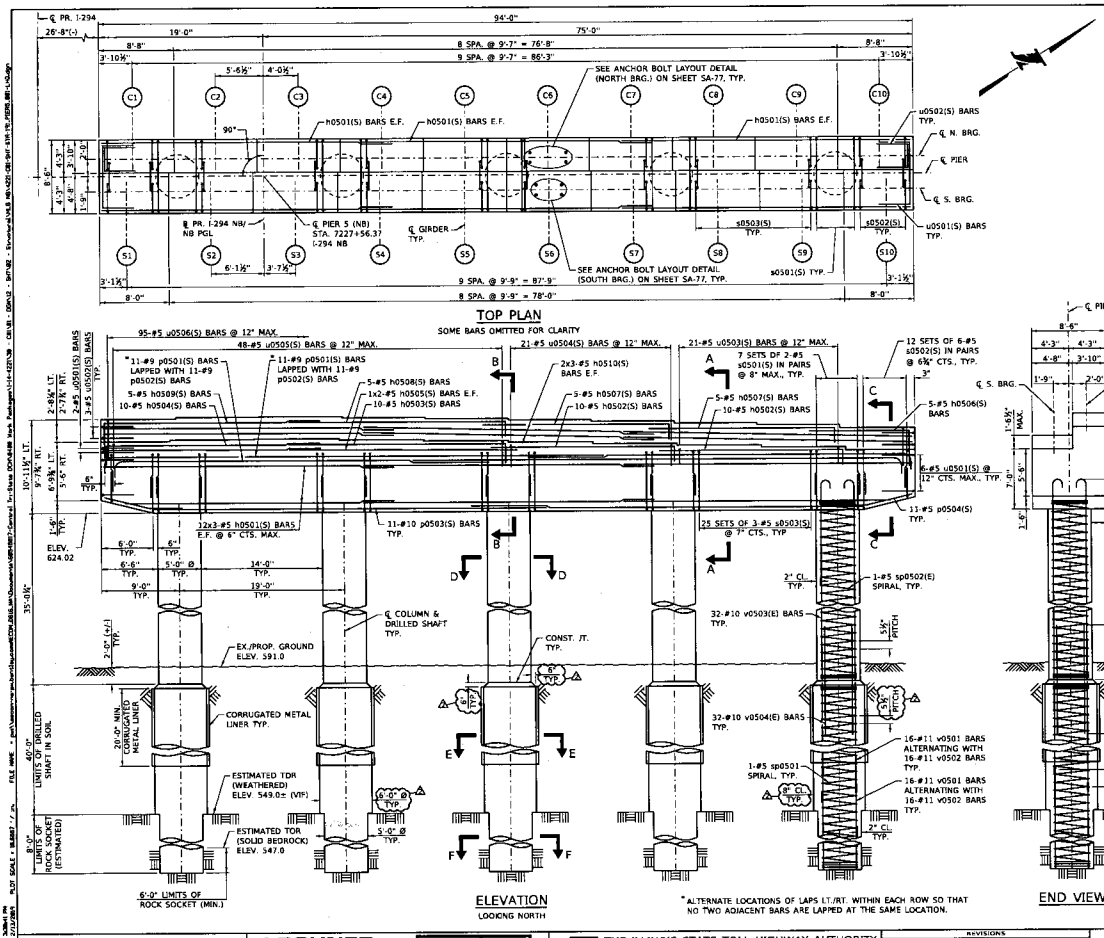
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO	DATE	DESCRIPTION
△	02/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
MILE LONG BRIDGE NB (BR. NO. 191)
FOUNDATION LAYOUT - UNIT 7

SHEET NO. SA - 46 OF 541
DRAWING NO. 591 OF 1650

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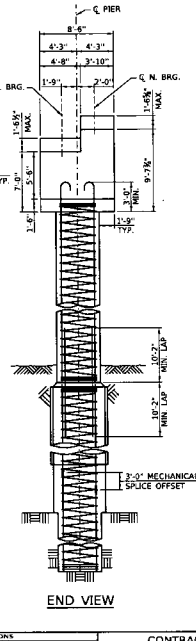


TOP PLAN

SOME BARS OMITTED FOR CLARITY

ELEVATION

LOOKING NORTH



END VIEW

* ALTERNATE LOCATIONS OF LAPS LT./RT. WITHIN EACH ROW SO THAT NO TWO ADJACENT BARS ARE LAPPED AT THE SAME LOCATION.

BEARING SEAT ELEVATIONS

SOUTH BEARINGS (UNIT 2)			NORTH BEARINGS (UNIT 3)		
GIRDER	ELEVATION	STEP HT.	GIRDER	ELEVATION	STEP HT.
S1	632.30	2¼"	C1	634.98	2⅛"
S2	632.49	⅜"	C2	635.16	⅜"
S3	632.56	1⅜"	C3	635.22	1⅜"
S4	632.41	1⅝"	C4	635.08	1⅝"
S5	632.27	2¼"	C5	634.93	2⅛"
S6	632.08	2⅝"	C6	634.74	2⅛"
S7	631.88	2½"	C7	634.55	2⅝"
S8	631.67	3¼"	C8	634.33	3⅜"
S9	631.41	4⅜"	C9	634.05	4⅜"
S10	631.02		C10	633.67	

NOTE: BEARING SEAT ELEVATIONS SHALL BE ADJUSTED BY THE CONTRACTOR, AS NECESSARY, SHOULD THE BEARING ASSEMBLY HEIGHTS PROVIDED BY THE BEARING MANUFACTURER DIFFER FROM THOSE SHOWN ON THESE PLANS.

NOTES:

1. CAST STEPS MONOLITHICALLY WITH CAP.
2. FOR ANCHOR BOLT LAYOUT SEE SHEET SA-77.
3. THE QUANTITIES AND DETAILING ARE BASED ON THE TOP OF SHAFT AND THE ESTIMATED TOP OF ROCK ELEVATIONS SHOWN AND MAY CHANGE BASED ON THE ACTUAL TOP OF ROCK ENCOUNTERED AT EACH SHAFT AND THE FINAL TOP OF SHAFT ELEVATION.
4. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL TIP ELEVATION TO BE USED. SEE ARTICLE 516.06(d) OF THE STANDARD SPECIFICATIONS.
5. BEARING SEAT SURFACES SHALL BE CONSTRUCTED OR ADJUSTED TO THE DESIGNATED ELEVATIONS WITHIN A TOLERANCE OF ⅛ in. (0.01 ft.). ADJUSTMENT SHALL BE MADE EITHER BY GRINDING THE SURFACE OR BY SHIMMING THE BEARINGS.
6. CONCRETE SEALER SHALL BE APPLIED TO ALL EXPOSED SURFACES.
7. SEE SHEET SA-77 FOR SECTIONS A-A THRU F-F.
8. SEE SHEET SA-41 FOR FOUNDATION LAYOUT.
9. SEE SHEET SA-77 FOR BILL OF MATERIAL.
10. SPIRAL REINFORCEMENT SHALL BE PROVIDED WITH 1½ EXTRA TURNS AT EACH END. PROVIDE MIN. 4-#4 SPACERS OR EQUIVALENT.

MINIMUM BAR LAPS

#5 BAR (HORIZ.) = 3'-7"
#5 BAR (VERT.) = 3'-4"
#9 BAR (HORIZ.) = 7'-1"
#10 BAR (HORIZ.) = 7'-8"
#10 BAR (VERT.) = 10'-2"

DRAWN BY PSK DATE 01/29/2019
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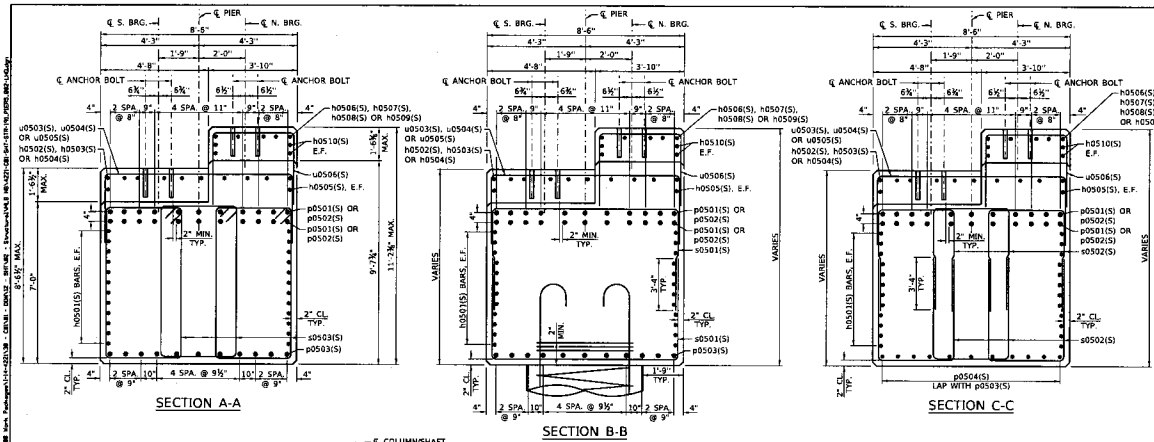
LHQ TRI-STATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

NO	DATE	REVISIONS DESCRIPTION
1	02/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
MILE LONG BRIDGE NB (BR. NO. 191)
PIER 5 ELEVATION

SHEET NO. SA - 76 OF 54
DRAWING NO. 621 OF 1650



REINFORCING BAR SCHEDULE

BAR	NO.	SIZE	LENGTH	SHAPE
h0501(S)	72	#5	33'-8"	
h0502(S)	20	#5	24'-2"	
h0503(S)	10	#5	28'-2"	
h0504(S)	10	#5	26'-11"	
h0505(S)	4	#5	26'-8"	
h0506(S)	5	#5	15'-3"	
h0507(S)	10	#5	24'-9"	
h0508(S)	5	#5	28'-3"	
h0509(S)	5	#5	28'-4"	
h0510(S)	12	#5	33'-10"	
p0501(S)	22	#9	58'-0"	
p0502(S)	22	#9	45'-11"	
p0503(S)	22	#10	44'-10"	
p0504(S)	22	#5	9'-8"	
s0501(S)	70	#5	38'-2"	
s0502(S)	144	#5	13'-4"	
s0503(S)	300	#5	20'-11"	
** sp0501	5	#5	47'-10"	
** sp0502(E)	5	#5	35'-10"	
u0501(S)	14	#5	15'-3"	
u0502(S)	6	#5	10'-7"	
u0503(S)	21	#5	11'-8"	
u0504(S)	21	#5	12'-6"	
u0505(S)	48	#5	13'-6"	
u0506(S)	95	#5	8'-10"	
v0501	160	#11	25'-5"	
v0502	160	#11	22'-5"	
v0503(E)	160	#10	39'-6"	
v0504(E)	160	#10	20'-10"	

BILL OF MATERIAL

PAY ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
50300225	CONCRETE STRUCTURES	CU YD	127.3
50800105	REINFORCEMENT BARS	POUND	48,790 Δ
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	47,670
50800530	MECHANICAL SPLICERS	EACH	160
51603000	DRILLED SHAFT IN SOIL	CU YD	209.2 Δ
51604000	DRILLED SHAFT IN ROCK	CU YD	29.1
58700300	CONCRETE SEALER	SQ FT	6,210
X0320051	CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	240 Δ
X0320052	CROSSHOLE SONIC LOGGING TESTING	EACH	5
*** JI503230	MASS CONCRETE STRUCTURES	CU YD	269.4
IT508010	REINFORCEMENT BARS, STAINLESS STEEL	POUND	29,660
IT900680	CORRUGATED METAL LINER	FOOT	100

** LENGTH IS HEIGHT OF SPIRAL.
*** MASS CONCRETE STRUCTURES INCLUDES CONCRETE POURED IN THE PIER CAP ONLY.

C & D DIMENSIONS TABLE

BAR	C	D
h0502(S)	23'-5"	1'-9"
h0503(S)	26'-0"	2'-2"
h0504(S)	24'-3"	2'-8"
h0506(S)	11'-7"	2'-8"
h0507(S)	22'-1"	2'-8"
h0508(S)	25'-7"	2'-8"
h0509(S)	24'-8"	2'-8"
p0501(S)	56'-5"	1'-7"
p0502(S)	44'-4"	1'-7"

BARS h0502(S), h0503(S), h0504(S), h0506(S), h0507(S), h0508(S), h0509(S), p0501(S) & p0502(S)
SEE TABLE FOR C AND D DIMENSIONS

A & B DIMENSIONS TABLE

BAR	A	B
s0501(S)	5'-0"	8'-2"
s0502(S)	5'-0"	3'-4"
u0501(S)	3'-7"	8'-½"
u0502(S)	3'-7"	3'-4½"
u0503(S)	1'-9"	8'-2"
u0504(S)	2'-2"	8'-2"
u0505(S)	2'-8"	8'-2"
u0506(S)	2'-8"	3'-6"

BARS s0501(S), s0502(S), u0501(S), u0502(S), u0503(S), u0504(S), u0505(S) & u0506(S)
SEE TABLE FOR A AND B DIMENSIONS

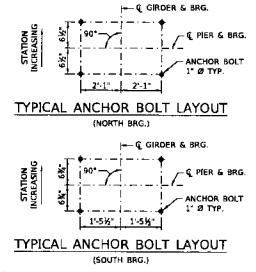
BAR p0504(S)

BAR v0503(E)

BAR s0503(S)

NOTE:

SPACE BARS TO PROVIDE 2" MIN. CLEARANCE TO EDGE OF ANCHOR BOLTS. STIRRUP SPACING MAY BE ADJUSTED WHERE ANCHOR BOLT CLEARANCE CANNOT BE MET, UP TO 1.5x THE SPACING AS SHOWN ON THE PIER ELEVATION. SETS OF STIRRUPS AS SHOWN IN THE CROSS SECTIONS MUST BE PLACED SO AS TO FORM A CONTINUOUS LOOP AROUND THE PERIMETER OF THE SECTION TO MAINTAIN TORSIONAL RESISTANCE. IF NECESSARY, ADDITIONAL STIRRUPS HAVE BEEN PROVIDED IN THE BAR BILL FOR PIERS WHERE THE SPACING REQUIREMENTS CANNOT BE MET. THESE ADDITIONAL STIRRUPS MAY BE PLACED IN PARTIAL SETS.



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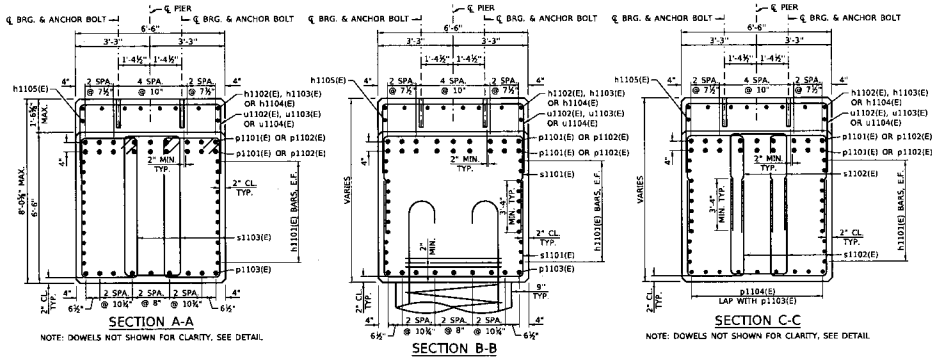
LHQ TRI-STATE PARTNERS

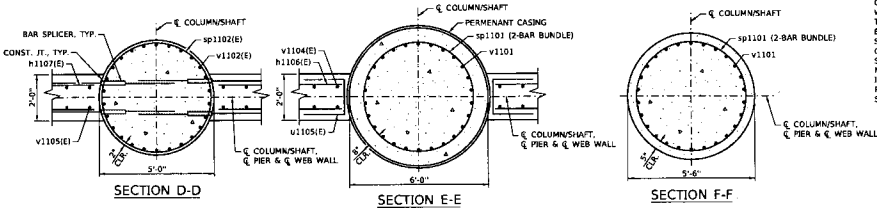
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION
1	02/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
MILE LONG BRIDGE NB (BR. NO. 191)
PIER 5 DETAILS

SHEET NO.
SA - 77 OF 541
DRAWING NO.
622 OF 1650





NOTE:

SPACE BARS TO PROVIDE 2" MIN. CLEARANCE TO EDGE OF ANCHOR BOLTS. STIRRUP SPACING MAY BE ADJUSTED WHERE ANCHOR BOLT CLEARANCE CANNOT BE MET, UP TO 1.5x THE SPACING AS SHOWN ON THE PIER ELEVATION. SETS OF STIRRUPS AS SHOWN IN THE CROSS SECTIONS MUST BE PLACED SO AS TO FORM A CONTINUOUS LOOP AROUND THE PERIMETER OF THE SECTION TO MAINTAIN TORSIONAL RESISTANCE. IF NECESSARY, ADDITIONAL STIRRUPS HAVE BEEN PROVIDED IN THE BAR BILL FOR PIERS WHERE THE SPACING REQUIREMENTS CANNOT BE MET. THESE ADDITIONAL STIRRUPS MAY BE PLACED IN PARTIAL SETS.

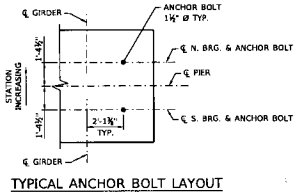
REINFORCING BAR SCHEDULE

BAR	NO.	SIZE	LENGTH	SHAPE
d1101(S)	54	#8	4'-2"	
h1101(E)	66	#5	33'-8"	
h1102(E)	8	#5	23'-10"	
h1103(E)	8	#5	24'-3"	
h1104(E)	16	#5	27'-10"	
h1105(E)	4	#5	26'-9"	
h1106(E)	96	#5	12'-7"	
h1107(E)	56	#5	13'-8"	
p1101(E)	18	#9	58'-0"	
p1102(E)	18	#9	45'-11"	
p1103(E)	18	#10	44'-10"	
p1104(E)	18	#5	9'-8"	
s1101(E)	60	#5	15'-8"	
s1102(E)	156	#5	12'-2"	
s1103(E)	312	#5	18'-7"	
** sp1101	10	#5	36'-8"	
** sp1102(E)	5	#5	36'-9"	
u1101(E)	14	#5	13'-3"	
u1102(E)	20	#5	9'-8"	
u1103(E)	20	#5	10'-6"	
u1104(E)	48	#5	11'-6"	
u1105(E)	96	#5	8'-10"	
v1101	130	#11	36'-8"	
v1102(E)	130	#9	40'-3"	
v1103(E)	130	#9	38'-10"	
v1104(E)	112	#5	14'-4"	
v1105(E)	120	#5	5'-10"	

BILL OF MATERIAL

PAY ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
50200100	STRUCTURE EXCAVATION	CU YD	29
50300225	CONCRETE STRUCTURES	CU YD	201.2
50800105	REINFORCEMENT BARS	POUND	39,080
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	61,260
50800515	BAR SPLICERS	EACH	112
51602000	PERMANENT CASING	FOOT	135
51603000	DRILLED SHAFT IN SOIL	CU YD	108.9
51604000	DRILLED SHAFT IN ROCK	CU YD	70.4
X0320051	CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	185
X0320052	CROSSHOLE SONIC LOGGING TESTING	EACH	5
*** JI503230	MASS CONCRETE STRUCTURES	CU YD	167.6
JT508010	REINFORCEMENT BARS, STAINLESS STEEL	POUND	620

** LENGTH IS HEIGHT OF SPIRAL.
*** MASS CONCRETE STRUCTURES INCLUDES CONCRETE POURED IN THE PIER CAP ONLY.



TYPICAL ANCHOR BOLT LAYOUT

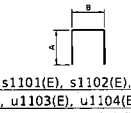
DETAIL SHOWS RIGHT END CAP. LEFT END CAP SIMILAR OPPOSITE HAND
SEE SHEET SA-313 FOR SIDE RETAINER DETAILS

A & B DIMENSIONS TABLE

BAR	A	B
s1101(E)	4'-9"	6'-2"
s1102(E)	4'-9"	2'-8"
u1101(E)	3'-7"	6'-1½"
u1102(E)	1'-9"	6'-2"
u1103(E)	2'-2"	6'-2"
u1104(E)	2'-8"	6'-2"
u1105(E)	3'-7"	1'-8"

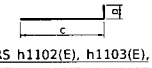
C & D DIMENSIONS TABLE

BAR	C	D
h1102(E)	21'-11"	1'-9"
h1103(E)	23'-11"	2'-2"
h1104(E)	25'-1"	2'-8"
p1101(E)	56'-5"	1'-7"
p1102(E)	44'-4"	1'-7"



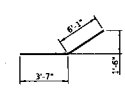
BARS s1101(E), s1102(E), u1101(E), u1102(E), u1103(E), u1104(E) & u1105(E)

SEE TABLE FOR A AND B DIMENSIONS

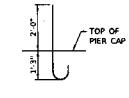


BARS h1102(E), h1103(E), h1104(E), p1101(E) & p1102(E)

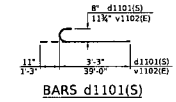
SEE TABLE FOR C AND D DIMENSIONS



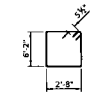
BAR p1104(E)



DOWEL BAR DETAIL



BARS d1101(S) & v1102(E)



BAR s1103(E)

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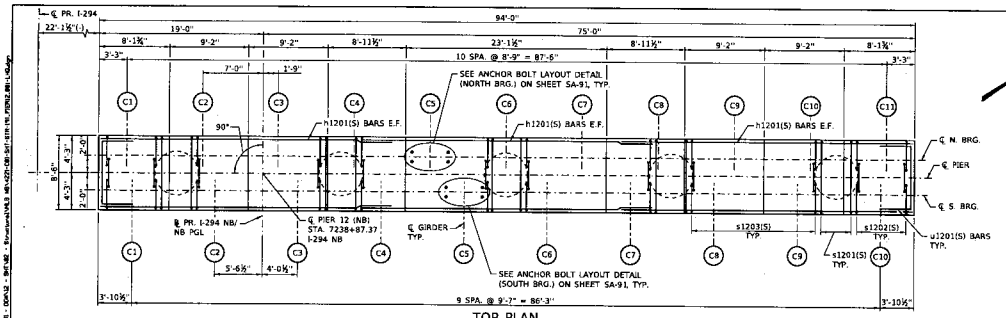
LHQ TRI-STATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE, ILLINOIS 60515

REVISIONS		
NO	DATE	DESCRIPTION
2	02/19/2019	ADDENDUM NO. 2

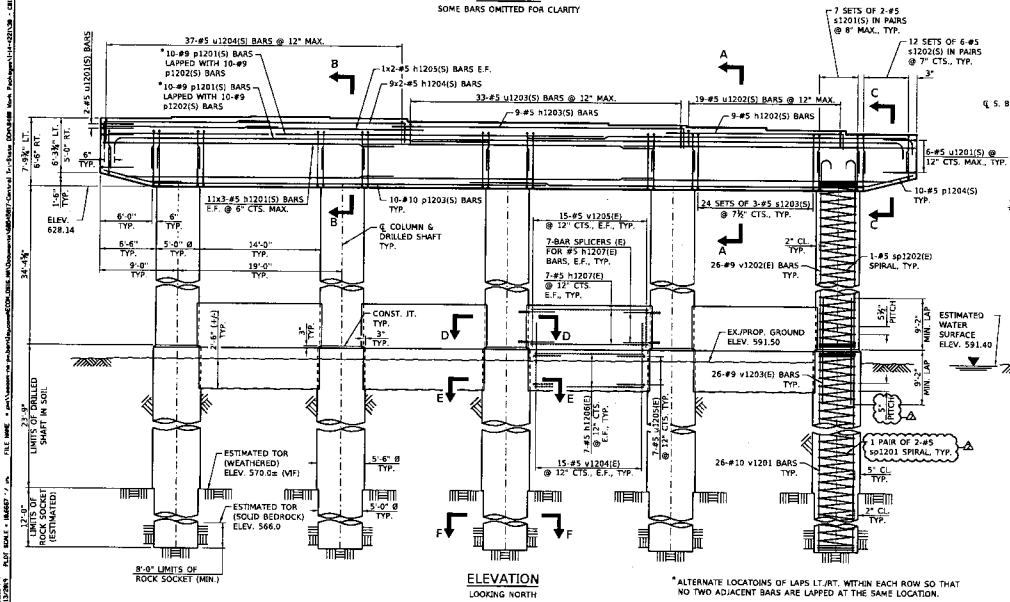
CONTRACT NO. I-18-4430
MILE LONG BRIDGE NB (BR. NO. 191)
PIER 11 DETAILS

SHEET NO. SA - 89 OF 541
DRAWING NO. 634 OF 1650



TOP PLAN

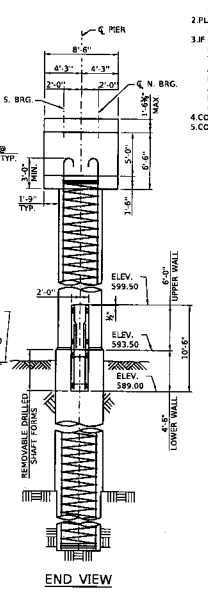
SOME BARS OMITTED FOR CLARITY



ELEVATION

LOOKING NORTH

*ALTERNATE LOCATOINS OF LAPS LT./RT. WITHIN EACH ROW SO THAT NO TWO ADJACENT BARS ARE LAPPED AT THE SAME LOCATION.



END VIEW

BEARING SEAT ELEVATIONS

SOUTH BEARINGS			NOTRH BEARINGS		
GIRDER	ELEVATION	STEP HT.	GIRDER	ELEVATION	STEP HT.
C1	635.95	2¾"	C1	635.95	2¾"
C2	636.13	¾"	C2	636.13	¾"
C3	636.19	1⅜"	C3	636.19	1⅜"
C4	636.05	4¼"	C4	636.05	4¼"
C5	635.71	0"	C5	635.71	0"
C6	635.71	2¾"	C6	635.71	2¾"
C7	635.52	2¾"	C7	635.52	2¾"
C8	635.29	3¾"	C8	635.52	2¾"
C9	635.02	4½"	C9	635.29	3¾"
C10	634.64		C10	635.02	4½"
C11			C11	634.64	

NOTE: BEARING SEAT ELEVATIONS SHALL BE ADJUSTED BY THE CONTRACTOR, AS NECESSARY, SHOULD THE BEARING ASSEMBLY HEIGHTS PROVIDED BY THE BEARING MANUFACTURER DIFFER FROM THOSE SHOWN ON THESE PLANS.

CONSTRUCTION SEQUENCE FOR WEB WALL:

1. EXCAVATE BETWEEN SHAFTS TO ELEVATION OF WEB WALL BASE AND SET LOWER WEB WALL FORMS THOUGH WATER TO BEAR ON THE CIRCULAR EDGE OF DRILLED SHAFTS. SECURE IN PLACE WITH FILL, STRUTS OR TIE FORMS TOGETHER AS REQUIRED.
2. PLACE THE LOWER WEB WALL REINFORCEMENT CAGE INTO THE FORMS USING SPACERS TO MAINTAIN PROPER CLEARANCES.
3. IF THE FORMS CAN BE SEALED AGAINST THE SHAFTS AND STREAMBED TO ALLOW DEWATERING, THE REINFORCEMENT AND THE CONCRETE PLACEMENT MAY BE COMPLETED IN THE DRY. ALTERNATIVELY, THE REBAR CAGE CAN BE LOWERED INTO POSITION THROUGH WATER AND THE CONCRETE DISCHARGED AT THE BASE OF THE EXCAVATION THROUGH A TREMIE PIPE OR PUMP HOSE, DISPLACING WATER, SEDIMENT, AND TAINTED CONCRETE OUT THE TOP OF THE FORMS.
4. CONSTRUCT COLUMNS.
5. CONSTRUCT UPPER WEB WALLS.

NOTES:

1. CAST STEPS MONOLITHICALLY WITH CAP.
2. FOR ANCHOR BOLT LAYOUT SEE SHEET SA-91.
3. IF THE PREVAILING WATER SURFACE ELEVATION DURING CONSTRUCTION IS CONSISTENTLY DIFFERENT THAN ESTIMATED ON THE PLANS, THE CONTRACTOR MAY PROPOSE AN ADJUSTMENT TO THE TOP OF THE DRILLED SHAFT ELEVATION AS PART OF THEIR INSTALLATION PROCEDURE. THE TOP OF ALL DRILLED SHAFTS WITHIN A SUBSTRUCTURE UNIT SHALL BE CONSTRUCTED TO THE SAME ELEVATION AND EXTEND ABOVE THE PREVAILING WATER SURFACE. THE QUANTITIES AND DETAILING ARE BASED ON THE TOP OF SHAFT AND THE ESTIMATED ELEVATIONS SHOWN AND MAY CHANGE BASED ON THE ACTUAL ELEVATIONS ENCOUNTERED AT EACH SHAFT AND THE FINAL TOP OF SHAFT ELEVATION.
4. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE ACTUAL TIP ELEVATION TO BE USED. SEE ARTICLE 516.06(d) OF THE STANDARD SPECIFICATIONS.
5. IF A PORTION OF THE DRILLED SHAFT WEB WALLS OR CONCRETE ENCASEMENT IS UNDER WATER, REINFORCEMENT MAY BE PLACED UNDERWATER INTO FORMS. CONCRETE SHALL BE TREMIED ACCORDING TO ARTICLE 503.08 OF THE STANDARD SPECIFICATIONS TO AN ELEVATION OF 1'-0" ABOVE THE WATER LINE AT THE TIME OF CONSTRUCTION.
6. CONCRETE SEALER SHALL BE APPLIED TO ALL EXPOSED SURFACES.
7. SEE SHEET SA-91 FOR SECTIONS A-A THRU F-F.
8. SEE SHEET SA-43 FOR FOUNDATION LAYOUT.
9. SEE SHEET SA-91 FOR BILL OF MATERIAL.
10. SPIRAL REINFORCEMENT SHALL BE PROVIDED WITH 1½ EXTRA TURNS AT EACH END. PROVIDE MIN. 4-#4 SPACERS OR EQUIVALENT.

MINIMUM BAR LAPS

#5 BAR (HORIZ.) = 3'-7"
#5 BAR (VERT.) = 3'-4"
#9 BAR (HORIZ) = 7'-1"
#9 BAR (VERT.) = 9'-2"
#10 BAR (HORIZ.) = 7'-8"

DRAWN BY PSK DATE 01/29/2019
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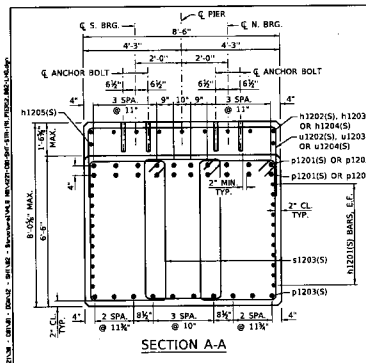
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A	02/19/2019	ADDENDUM NO. 2

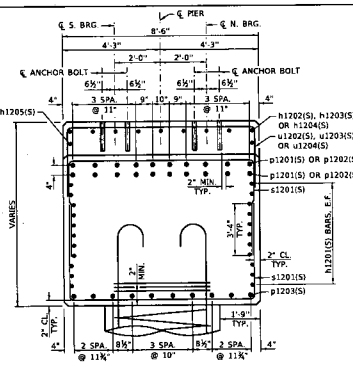
CONTRACT NO. I-18-4430

MILE LONG BRIDGE NB (BR. NO. 191)
PIER 12 ELEVATION

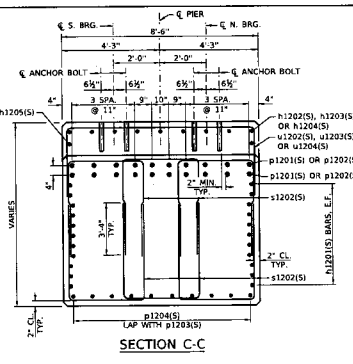
SHEET NO. SA - 90 OF 541
DRAWING NO. 635 OF 1650



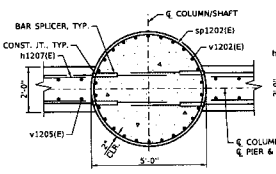
SECTION A-A



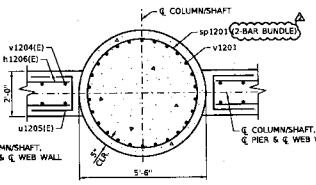
SECTION B-B



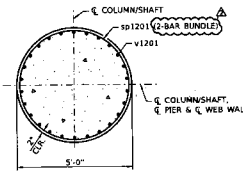
SECTION C-C



SECTION D-D



SECTION E-E



SECTION F-F

NOTE:

SPACE BARS TO PROVIDE 2" MIN. CLEARANCE TO EDGE OF ANCHOR BOLTS. STIRRUP SPACING MAY BE ADJUSTED WHERE ANCHOR BOLT CLEARANCE CANNOT BE MET, UP TO 1.5x THE SPACING AS SHOWN ON THE PIER ELEVATION. SETS OF STIRRUPS AS SHOWN IN THE CROSS SECTIONS MUST BE PLACED SO AS TO FORM A CONTINUOUS LOOP AROUND THE PERIMETER OF THE SECTION TO MAINTAIN TORSIONAL RESISTANCE. IF NECESSARY, ADDITIONAL STIRRUPS HAVE BEEN PROVIDED IN THE BAR BILL FOR PIERS WHERE THE SPACING REQUIREMENTS CANNOT BE MET. THESE ADDITIONAL STIRRUPS MAY BE PLACED IN PARTIAL SETS.

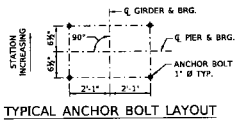
REINFORCING BAR SCHEDULE

BAR	NO.	SIZE	LENGTH	SHAPE
h1201(S)	66	#5	33'-8"	
h1202(S)	9	#5	23'-0"	
h1203(S)	9	#5	37'-2"	
h1204(S)	18	#5	22'-1"	
h1205(S)	4	#5	21'-0"	
h1206(E)	40	#5	13'-2"	
h1207(E)	56	#5	13'-8"	
p1201(S)	20	#9	58'-0"	
p1202(S)	20	#3	45'-11"	
p1203(S)	20	#10	44'-10"	
p1204(S)	20	#5	9'-8"	
s1201(S)	70	#5	17'-8"	
s1202(S)	168 Δ	#5	12'-10"	
s1203(S)	294 Δ	#5	19'-11"	
** sp1201	10 Δ	#5 Δ	35'-4"	
** sp1202(E)	5	#5	34'-11"	
u1201(S)	14	#5	15'-3"	
u1202(S)	19	#5	11'-8"	
u1203(S)	33	#5	12'-6"	
u1204(S)	37	#5	13'-6"	
u1205(E)	40	#5	8'-10"	
v1201	130	#10	35'-4"	
v1202(E)	130	#9	38'-8"	
v1203(E)	130	#9	18'-10"	
v1204(E)	120	#5	7'-9"	
v1205(E)	120	#5	5'-8"	

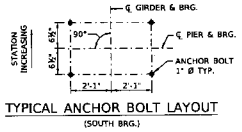
BILL OF MATERIAL

PAY ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
50200100	STRUCTURE EXCAVATION	CU YD	30 Δ
50300225	CONCRETE STRUCTURES	CU YD	168.6 Δ
50800105	REINFORCEMENT BARS	POUND	34,580
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	34,840
50800515	BAR SPLICERS	EACH	102 Δ
51603000	DRILLED SHAFT IN SOIL	CU YD	104.5
51604000	DRILLED SHAFT IN ROCK	CU YD	43.6
58700300	CONCRETE SEALER	SQ FT	6,180
X0320051	CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	179 Δ
X0320052	CROSSHOLE SONIC LOGGING TESTING	EACH	5
*** JI503230	MASS CONCRETE STRUCTURES	CU YD	218.7
JT508010	REINFORCEMENT BARS, STAINLESS STEEL	POUND	25,910 Δ

** LENGTH IS HEIGHT OF SPIRAL.
*** MASS CONCRETE STRUCTURES INCLUDES CONCRETE POURED IN THE PIER CAP ONLY.



TYPICAL ANCHOR BOLT LAYOUT
(NORTH BRG.)



TYPICAL ANCHOR BOLT LAYOUT
(SOUTH BRG.)

A & B DIMENSIONS TABLE

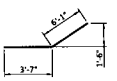
BAR	A	B
s1201(S)	4'-9"	8'-2"
s1202(S)	4'-9"	3'-4"
u1201(S)	3'-7"	8'-¾"
u1202(S)	1'-9"	8'-2"
u1203(S)	2'-2"	8'-2"
u1204(S)	2'-8"	8'-2"
u1205(S)	3'-7"	1'-8"

C & D DIMENSIONS TABLE

BAR	C	D
h1202(S)	21'-11"	1'-9"
h1203(S)	21'-11"	2'-2"
h1204(S)	25'-1"	2'-8"
p1201(S)	56'-2"	1'-7"
p1202(S)	44'-7"	1'-7"



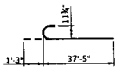
BARS s1201(S), s1202(S), u1201(S), u1202(S), u1203(S), u1204(S) & u1205(S)
SEE TABLE FOR A AND B DIMENSIONS



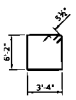
BAR p1204(S)



BARS h1202(S), h1203(S), h1204(S), p1201(S) & p1202(S)
SEE TABLE FOR C AND D DIMENSIONS



BAR v1202(E)



BAR s1203(S)

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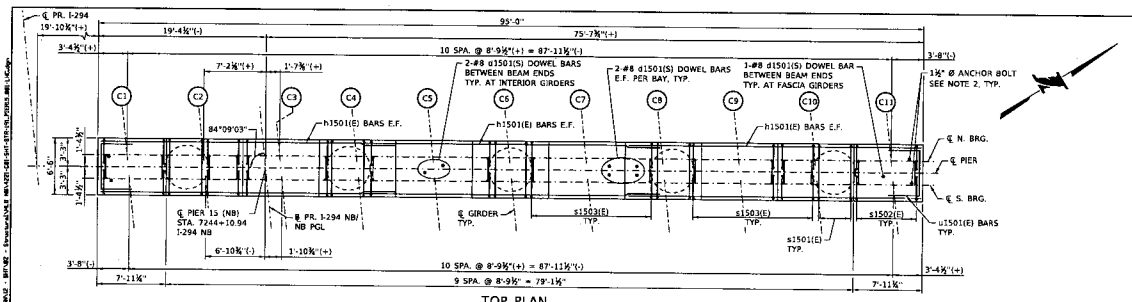
LHQ TRI-STATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

NO	DATE	REVISIONS DESCRIPTION
Δ	02/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
MILE LONG BRIDGE NB (BR. NO. 191)
PIER 12 DETAILS

SHEET NO. SA - 91 OF 541
DRAWING NO. 636 OF 1650

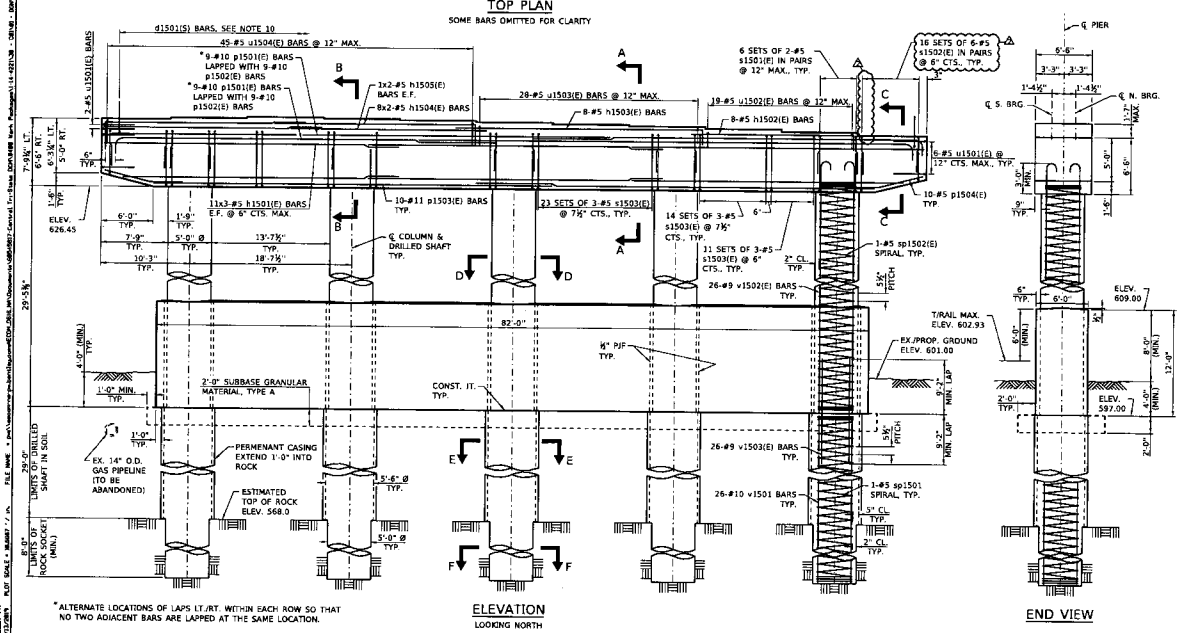


TOP PLAN

SOME BARS OMITTED FOR CLARITY

BEARING SEAT ELEVATIONS

SOUTH BEARINGS			NOTRH BEARINGS		
GIRDER	ELEVATION	STEP HT.	GIRDER	ELEVATION	STEP HT.
C1	634.22	2¼"	C1	634.22	2¼"
C2	634.40	1½"	C2	634.40	1½"
C3	634.53	1½"	C3	634.53	1½"
C4	634.40	1½"	C4	634.40	1½"
C5	634.28	1⅞"	C5	634.28	1⅞"
C6	634.12	2"	C6	634.12	2"
C7	633.95	2"	C7	633.95	2"
C8	633.78	2½"	C8	633.78	2½"
C9	633.57	2⅝"	C9	633.57	2⅝"
C10	633.29	4⅛"	C10	633.29	4⅛"
C11	632.95		C11	632.95	



*ALTERNATE LOCATIONS OF LAPS LT./RT. WITHIN EACH ROW SO THAT NO TWO ADJACENT BARS ARE LAPPED AT THE SAME LOCATION.

NOTES:

1. CAST STEPS MONOLITHICALLY WITH CAP.
2. FOR ANCHOR BOLT LAYOUT SEE SHEET SA-99
3. THE QUANTITIES AND DETAILING ARE BASED ON THE TOP OF SHAFT AND THE ESTIMATED TOP OF ROCK ELEVATIONS SHOWN AND MAY CHANGE BASED ON THE ACTUAL TOP OF ROCK ENCOUNTERED AT EACH SHAFT AND THE FINAL TOP OF SHAFT ELEVATION.
4. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE CASING THICKNESS AND THE ACTUAL TIP ELEVATION TO BE USED. SEE ARTICLE 516.06(d) OF THE STANDARD SPECIFICATIONS.
5. THE PERMENANT CASING SHOULD BE ADVANCED INTO SOIL OR ROCK A SUFFICIENT DISTANCE AS NEEDED TO ACHIEVE AN ADEQUATE SEAL FOR THE EXCAVATION OF THE DRILLED SHAFT IN BOTH SOIL AND ROCK.
6. CRASHWALL SHALL BE INSTALLED AFTER COMPLETION OF THE COLUMNS. SEE SHEET SA-100 FOR DETAILS.
7. SEE SHEET SA-99 FOR SECTIONS A-A THRU F-F.
8. SEE SHEET SA-44 FOR FOUNDATION LAYOUT.
9. SEE SHEET SA-99 FOR BILL OF MATERIAL.
10. SEE SHEETS SA-99 AND SA-313 FOR ADDITIONAL DOWEL BAR DETAILS.
11. SPIRAL REINFORCEMENT SHALL BE PROVIDED WITH 1½ EXTRA TURNS AT EACH END. PROVIDE MIN. 4-#4 SPACERS OR EQUIVALENT.

MINIMUM BAR LAPS

#5 BAR (HORIZ.) = 3'-7"
#5 BAR (VERT.) = 3'-4"
#9 BAR (VERT.) = 9'-2"
#10 BAR (HORIZ.) = 8'-9"
#11 BAR (HORIZ.) = 9'-3"

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DRAWN BY PSK DATE 01/29/2019
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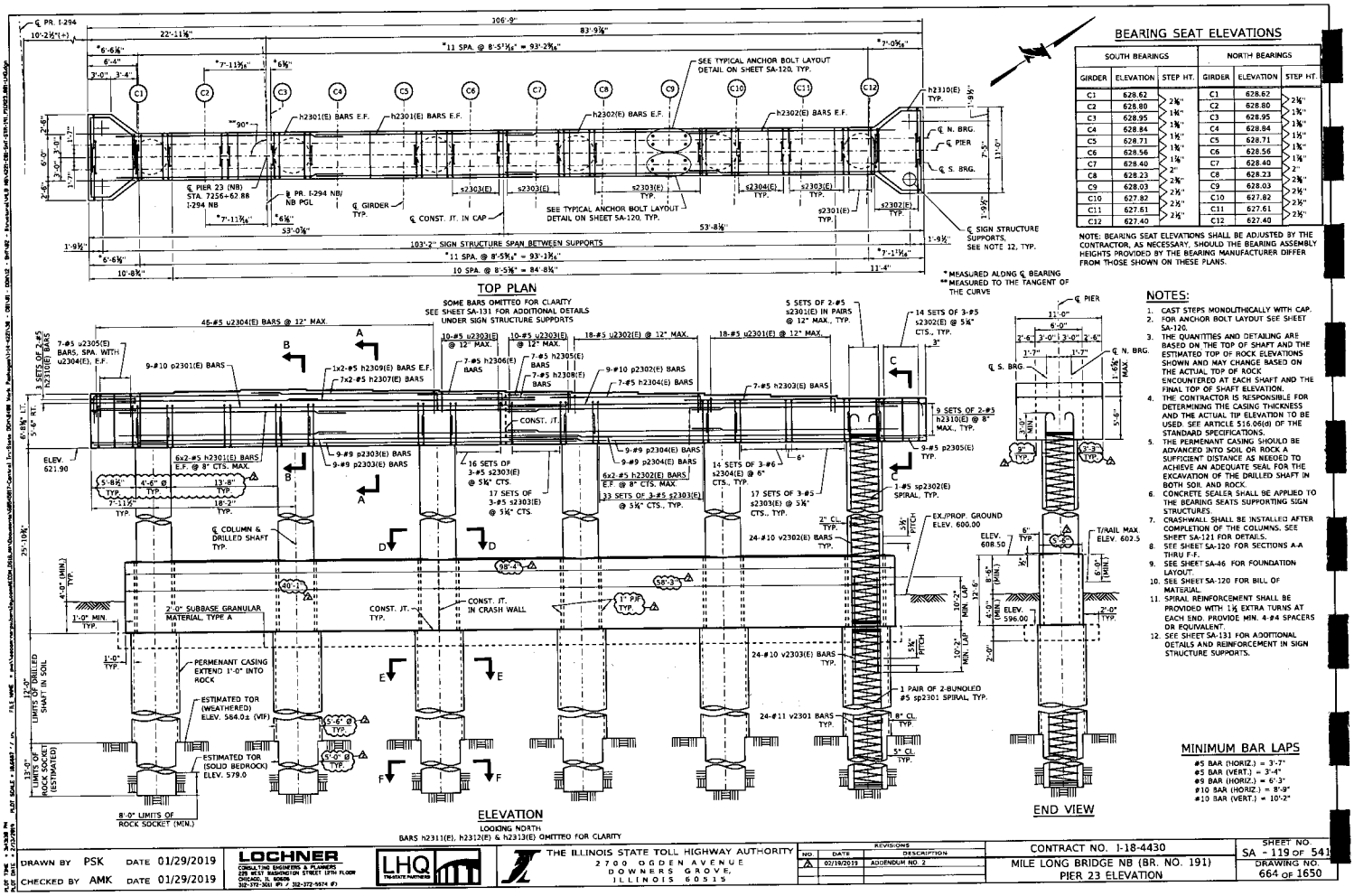
LHQ TRI-STATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION
1	02/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
MILE LONG BRIDGE NB (BR. NO. 191)
PIER 15 ELEVATION

SHEET NO. SA - 98 OF 541
DRAWING NO. 643 OF 1650



* MEASURED ALONG ℄ BEARING
** MEASURED TO THE TANGENT OF THE CURVE

BEARING SEAT ELEVATIONS

SOUTH BEARINGS			NORTH BEARINGS		
GIRDER	ELEVATION	STEP HT.	GIRDER	ELEVATION	STEP HT.
C1	628.62	2⅛"	C1	628.62	2⅛"
C2	628.80	1¾"	C2	628.80	1¾"
C3	628.95	1⅜"	C3	628.95	1⅜"
C4	628.84	1½"	C4	628.84	1½"
C5	628.71	1⅝"	C5	628.71	1⅝"
C6	628.56	1¾"	C6	628.56	1¾"
C7	628.40	2"	C7	628.40	2"
C8	628.23	2⅛"	C8	628.23	2⅛"
C9	628.03	2¼"	C9	628.03	2¼"
C10	627.82	2½"	C10	627.82	2½"
C11	627.61	2½"	C11	627.61	2½"
C12	627.40	2½"	C12	627.40	2½"

NOTE: BEARING SEAT ELEVATIONS SHALL BE ADJUSTED BY THE CONTRACTOR, AS NECESSARY, SHOULD THE BEARING ASSEMBLY HEIGHTS PROVIDED BY THE BEARING MANUFACTURER DIFFER FROM THOSE SHOWN ON THESE PLANS.

TOP PLAN

SOME BARS OMITTED FOR CLARITY
SEE SHEET SA-131 FOR ADDITIONAL DETAILS UNDER SIGN STRUCTURE SUPPORTS

ELEVATION

LOOKING NORTH
BARS h2311(E), h2312(E) & h2313(E) OMITTED FOR CLARITY

END VIEW

NOTES:

1. CAST STEPS MONOLITHICALLY WITH CAP.
2. FOR ANCHOR BOLT LAYOUT SEE SHEET SA-120.
3. THE QUANTITIES AND DETAILING ARE BASED ON THE TOP OF SHAFT AND THE ESTIMATED TOP OF ROCK ELEVATIONS SHOWN AND MAY CHANGE BASED ON THE ACTUAL TOP OF ROCK ENCOUNTERED AT EACH SHAFT AND THE FINAL TOP OF SHAFT ELEVATION.
4. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE CASING THICKNESS AND THE ACTUAL TIP ELEVATION TO BE USED. SEE ARTICLE 516.06(d) OF THE STANDARD SPECIFICATIONS.
5. THE PERMENANT CASING SHOULD BE ADVANCED INTO SOIL OR ROCK A SUFFICIENT DISTANCE AS NEEDED TO ACHIEVE AN ADEQUATE SEAL FOR THE EXCAVATION OF THE DRILLED SHAFT IN BOTH SOIL AND ROCK.
6. CONCRETE SEALER SHALL BE APPLIED TO THE BEARING SEATS SUPPORTING SIGN STRUCTURES.
7. CRASHWALL SHALL BE INSTALLED AFTER COMPLETION OF THE COLUMNS. SEE SHEET SA-121 FOR DETAILS.
8. SEE SHEET SA-120 FOR SECTIONS A-A THRU F-F.
9. SEE SHEET SA-46 FOR FOUNDATION LAYOUT.
10. SEE SHEET SA-120 FOR BILL OF MATERIAL.
11. SPIRAL REINFORCEMENT SHALL BE PROVIDED WITH 1¼ EXTRA TURNS AT EACH END. PROVIDE MIN. 4-#4 SPACERS OR EQUIVALENT.
12. SEE SHEET SA-131 FOR ADDITIONAL DETAILS AND REINFORCEMENT IN SIGN STRUCTURE SUPPORTS.

MINIMUM BAR LAPS

#5 BAR (HORIZ.) = 3'-7"
#5 BAR (VERT.) = 3'-4"
#9 BAR (HORIZ.) = 6'-3"
#10 BAR (HORIZ.) = 8'-9"
#10 BAR (VERT.) = 10'-2"

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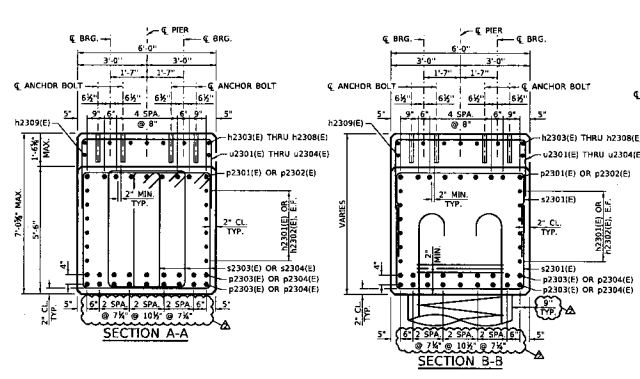
LHQ TRI-STATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION
2	02/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
MILE LONG BRIDGE NB (BR. NO. 191)
PIER 23 ELEVATION

SHEET NO. SA - 119 OF 541
DRAWING NO. 664 OF 1650

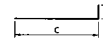


NOTE:

SPACE BARS TO PROVIDE 2" MIN. CLEARANCE TO EDGE OF ANCHOR BOLTS. STIRRUP SPACING MAY BE ADJUSTED WHERE ANCHOR BOLT CLEARANCE CANNOT BE MET, UP TO 1.5x THE SPACING AS SHOWN ON THE PIER ELEVATION. SETS OF STIRRUPS AS SHOWN IN THE CROSS SECTIONS MUST BE PLACED SO AS TO FORM A CONTINUOUS LOOP AROUND THE PERIMETER OF THE SECTION TO MAINTAIN TORSIONAL RESISTANCE. IF NECESSARY, ADDITIONAL STIRRUPS HAVE BEEN PROVIDED IN THE BAR BILL FOR PIERS WHERE THE SPACING REQUIREMENTS CANNOT BE MET. THESE ADDITIONAL STIRRUPS MAY BE PLACED IN PARTIAL SETS.

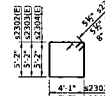
C & D DIMENSIONS TABLE

BAR	C	D
h2303(E)	19'-11"	1'-5"
h2304(E)	19'-11"	1'-3"
h2305(E)	8'-2"	1'-3"
h2306(E)	11'-5"	1'-3"
h2307(E)	24'-0"	1'-3"
p2301(E)	61'-10"	1'-10"
p2302(E)	53'-5"	1'-10"
u2305(E)	7'-2"	2'-6"

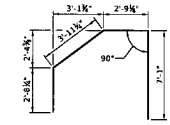


BARS h2303(E), h2304(E), h2305(E), h2306(E), h2307(E), p2301(E), p2302(E) & u2305(E)

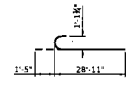
SEE TABLE FOR C AND D DIMENSIONS



BARS s2302(E), s2303(E) & s2304(E)

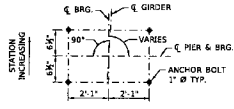


BAR h2310(E)



BAR v2302(E)

** LENGTH IS HEIGHT OF SPIRAL.
*** MASS CONCRETE STRUCTURES INCLUDES CONCRETE POURED IN THE PIER CAP AND CRASH WALL ONLY.



TYPICAL ANCHOR BOLT LAYOUT

SEE FRAMING PLAN FOR GIRDER-PIER ANGLES

A & B DIMENSIONS TABLE

BAR	A	B
s2301(E)	4'-3	5'-8"
s2320(E)	7'-8"	8'-2"
s2321(E)	1'-5"	12'-1"
u2301(E)	1'-8"	5'-8"
u2302(E)	2'-1"	5'-8"
u2303(E)	2'-5"	5'-8"
u2304(E)	2'-10"	5'-8"
u2320(E)	3'-7"	8'-2"
u2321(E)	1'-5"	11'-11"



BARS s2301(E), s2320(E), s2321(E), u2301(E), u2302(E), u2303(E), u2304(E), u2320(E) & u2321(E)

SEE TABLE FOR A AND B DIMENSIONS

REINFORCING BAR SCHEDULE

BAR	NO.	SIZE	LENGTH	SHAPE
h2301(E)	24	#5	28'-4"	
h2302(E)	24	#5	26'-9"	
h2303(E)	7	#5	21'-4"	
h2304(E)	7	#5	21'-2"	
h2305(E)	7	#5	9'-5"	
h2306(E)	7	#5	12'-8"	
h2307(E)	14	#5	26'-2"	
h2308(E)	7	#5	7'-6"	
h2309(E)	4	#5	26'-8"	
h2310(E)	42	#5	16'-6"	
h2311(E)	8	#5	5'-2"	
h2312(E)	8	#5	4'-4"	
h2313(E)	8	#5	3'-6"	
h2320(E)	64 Δ	#6	Δ 24'-6"	
h2321(E)	64	#6	31'-3"	
h2322(E)	20	#6	14'-7"	
h2323(E)	20	#6	Δ 13'-5"	
p2301(E)	9	#10	63'-8"	
p2302(E)	9	#10	55'-3"	
p2303(E)	18	#9	54'-4"	
p2304(E)	18	#9	47'-8"	
p2305(E)	18	#5	9'-7"	
s2301(E)	60	#5	14'-2"	
s2302(E)	84	#5	19'-5"	
s2303(E)	399	#5	18'-1"	
s2304(E)	84	#6	18'-6"	
s2320(E)	232	#5	Δ 20'-6"	
s2321(E)	96	#5	14'-11"	
** sp2301	12	#5	24'-10"	
** sp2302(E)	6	#5	26'-8"	
u2301(E)	18	#5	8'-6"	
u2302(E)	18	#5	8'-2"	
u2303(E)	20	#5	8'-2"	
u2304(E)	46	#5	8'-2"	
u2305(E)	28	#5	9'-8"	
u2320(E)	32 Δ	#5	Δ 12'-2"	
u2321(E)	14	#5	14'-9"	
v2301	144	#11	24'-10"	
v2302(E)	144	#10	30'-4"	
v2303(E)	144	#10	20'-10"	

BILL OF MATERIAL

PAY ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
31100200	SUBBASE GRANULAR MATERIAL, TYPE A	CU YD	72 Δ
50200100	STRUCTURE EXCAVATION	CU YD	215
50300225	CONCRETE STRUCTURES	CU YD	91.6
50800105	REINFORCEMENT BARS	POUND	28,680
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	77,800
51602000	PERMANENT CASING	FOOT	90
51603000	DRILLED SHAFT IN SOIL	CU YD	83.4 Δ
51604000	DRILLED SHAFT IN ROCK	CU YD	56.7
58700300	CONCRETE SEALER	SQ FT	180
X0320051	CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	130 Δ
X0320052	CROSSHOLE SONIC LOGGING TESTING	EACH	6
*** J1503230	MASS CONCRETE STRUCTURES	CU YD	368.3 Δ

DRAWN BY PSK DATE 01/29/2019
CHECKED BY AMK DATE 01/29/2019

LOCHNER
CONSULTING ENGINEERS & PLANNERS
205 WEST WASHINGTON STREET 12TH FLOOR
CHICAGO, IL 60606
312-372-3011 ph / 312-372-5974 ph

LHQ TRANSPORTATION

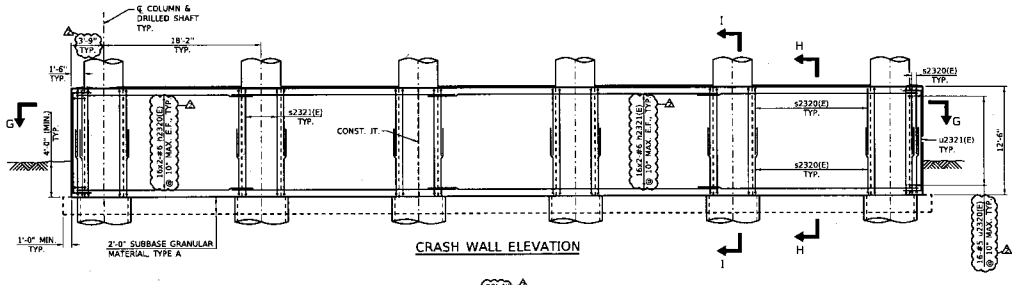
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

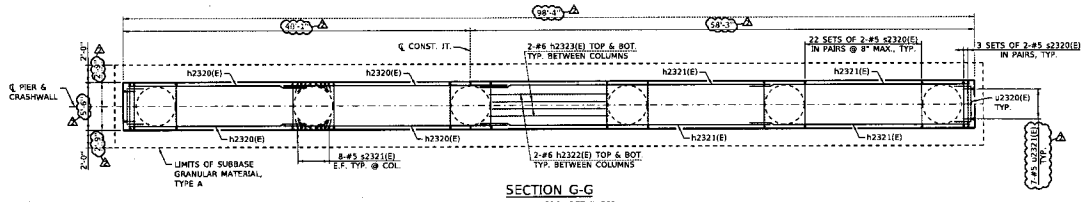
NO	DATE	REVISIONS DESCRIPTION
Δ	02/19/2019	ADDENDUM NO. 2

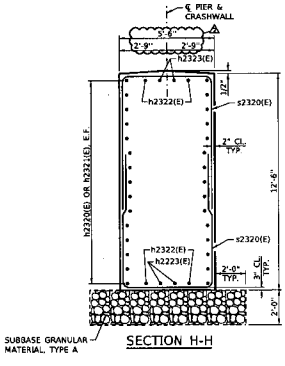
CONTRACT NO. I-18-4430
MILE LONG BRIDGE NB (BR. NO. 191)
PIER 23 DETAILS 1

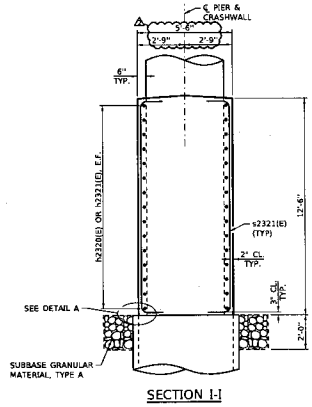
SHEET NO. SA - 120 OF 541
DRAWING NO. 665 OF 1650

PLOT TIME = 3:49:03 PM
PLOT DATE = 2/13/2019
PLOT SCALE = 64.887 '/ in.
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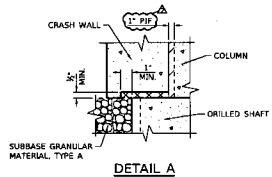






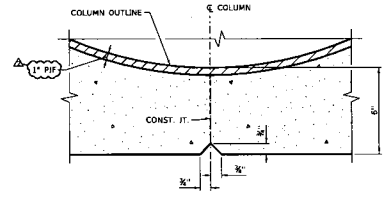
NOTES:

1. EXPOSED CONCRETE EDGES SHALL HAVE ¾"x45° CHAMFERS. CHAMFERS ON VERTICAL EDGES SHALL BE CONTINUED A MINIMUM OF ONE FOOT BELOW FINISHED GROUND LEVEL.



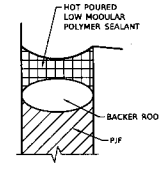
DETAIL A

PROVIDE COMPRESSIBLE MATERIAL AROUND THE CIRCUMFERENCE OF THE TOP OF THE SHAFT TO AVOID HARD CONTACT BETWEEN CRASH WALL AND SHAFT



CRACK CONTROL DETAIL

REINFORCEMENT BARS OMITTED FOR CLARITY
CONSTRUCTION JOINT SHOWN AT SELECT LOCATIONS



SEALANT DETAIL

APPLIES TO TOP OF CRASHWALL

MINIMUM BAR LAPS

#5 BAR (HORIZ.) = 3'-7"
#5 BAR (VERT.) = 3'-2"
#6 BAR (HORIZ.) = 4'-4"

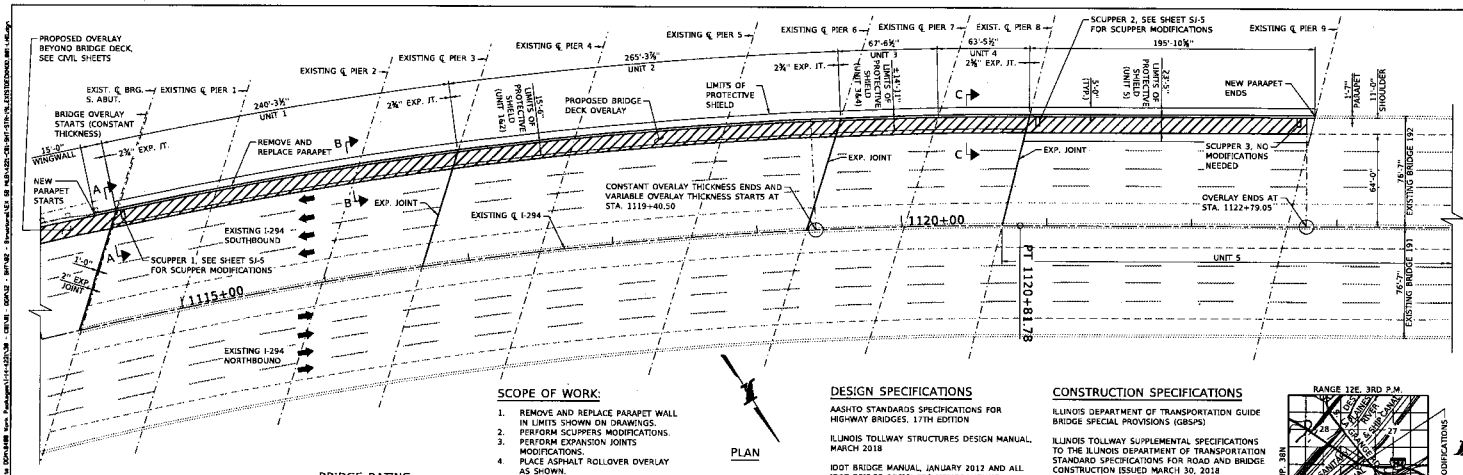
DRAWN BY PSK	DATE 01/29/2019	LOCHNER CONSULTING ENGINEERS & PLANNERS 225 WEST WASHINGTON STREET 12TH FLOOR CHICAGO, IL 60606 312-372-3011 (P) / 312-372-6974 (F)	LHQ TRI-STATE PARTNERS
CHECKED BY AMK	DATE 01/29/2019		

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO	DATE	DESCRIPTION
2	02/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
MILE LONG BRIDGE NB (BR. NO. 191)
PIER 23 DETAILS 2

SHEET NO. SA - 121 OF 541
DRAWING NO. 666 OF 1650



PLAN

SCOPE OF WORK:

1. REMOVE AND REPLACE PARAPET WALL IN LIMITS SHOWN ON DRAWINGS.
2. PERFORM SCUPPERS MODIFICATIONS.
3. PERFORM EXPANSION JOINTS MODIFICATIONS.
4. PLACE ASPHALT ROLLOVER OVERLAY AS SHOWN.

LEGEND

- PROPOSED BRIDGE OVERLAY
- EXISTING BRIDGE OVERLAY TO REMAIN
- EXISTING BRIDGE OVERLAY TO BE REMOVED

DESIGN SPECIFICATIONS

AASHTO STANDARDS SPECIFICATIONS FOR HIGHWAY BRIDGES, 17TH EDITION

ILLINOIS TOLLWAY STRUCTURES DESIGN MANUAL, MARCH 2018

IDOT BRIDGE MANUAL, JANUARY 2012 AND ALL IDOT BRIDGE DESIGNERS MEMORANDUMS

IDOT STRUCTURAL SERVICES MANUAL, JUNE 2017

SEISMIC RETROFITTING GUIDELINES FOR HIGHWAY BRIDGES REPORT NO. FHWA/RD83/007

ILLINOIS TOLLWAY GEOTECHNICAL MANUAL, MARCH 2018

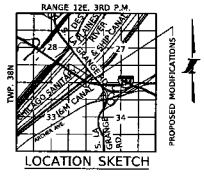
CONSTRUCTION SPECIFICATIONS

ILLINOIS DEPARTMENT OF TRANSPORTATION GUIDE BRIDGE SPECIAL PROVISIONS (GBSPS)

ILLINOIS TOLLWAY SUPPLEMENTAL SPECIFICATIONS TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ISSUED MARCH 30, 2018

ILLINOIS DEPARTMENT OF TRANSPORTATION SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2018

ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED APRIL 1, 2016



LOCATION SKETCH

NOTE:

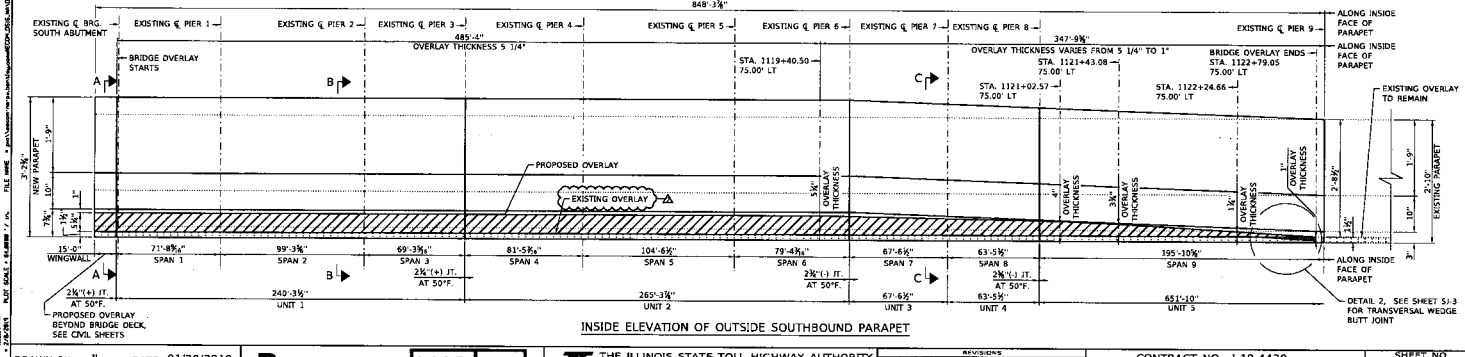
SEE SHEET SI-4 FOR SECTIONS A-A, B-B, AND C-C.

DESIGN STRESSES

NEW CONSTRUCTION
f'_c = 4,000 PSI (CLASS BS, SUPERSTRUCTURE)
f_y = 60,000 PSI (REINFORCEMENT)

BRIDGE RATING

	INVENTORY	OPERATING
UNIT 1	RF=1.481	RF=2.473
UNIT 2	RF=1.382	RF=2.307
UNIT 3	RF=1.337	RF=2.232
UNIT 4	RF=1.193	RF=1.992



INSIDE ELEVATION OF OUTSIDE SOUTHBOUND PARAPET

DRAWN BY JL	DATE 01/29/2019	Bowman CONSULTING	THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY 2700 OGDEN AVENUE DOWNERS GROVE, ILLINOIS 60515
CHECKED BY AJN	DATE 01/29/2019		

REVISIONS NO.	DATE	DESCRIPTION
1	2/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430	SHEET NO. SI - 1 OF 9
EXISTING BRIDGE (BR. NO. 192) MODIFICATIONS PLAN AND ELEVATION	DRAWING NO. 1237 OF 1650

GENERAL NOTES:

1. ALL EXPOSED CONCRETE EDGES SHALL HAVE A ¾" x 45° CHAMFER, EXCEPT WHERE SHOWN OTHERWISE. CHAMFER ON VERTICAL EDGES SHALL BE CONTINUED A MINIMUM OF ONE FOOT BELOW FINISHED GROUND LEVEL.

REINFORCEMENT BARS:

1. REINFORCEMENT BARS, INCLUDING REINFORCEMENT BARS, EPOXY-COATED SHALL CONFORM TO THE REQUIREMENTS OF STANDARD SPECIFICATIONS SECTION 508 AND ARTICLE 1006.10.
2. REINFORCEMENT BARS DESIGNATED "(E)" SHALL BE EPOXY-COATED.
3. REINFORCEMENT BENDING DETAILS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ACI 315, "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES".
4. REINFORCEMENT BAR BENDING DIMENSIONS ARE OUT-TO-OUT.
5. COVER FROM THE FACE OF CONCRETE TO FACE OF REINFORCEMENT BARS SHALL BE 3" FOR SURFACES FORMED AGAINST EARTH AND 2" FOR ALL OTHER SURFACES UNLESS OTHERWISE SHOWN.

INDEX OF SHEETS

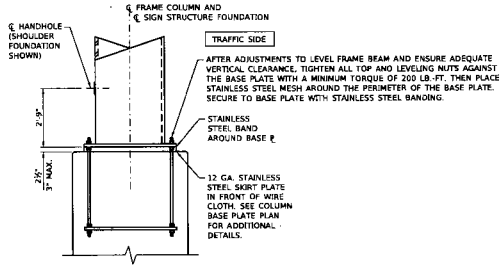
SK-1 GENERAL PLAN AND ELEVATION
SK-2 GENERAL NOTES, INDEX OF SHEETS AND BILL OF MATERIAL
SK-3 SUBSTRUCTURE DETAILS - TYPE I
SK-4 BORING LOGS - PART 1
SK-5 BORING LOGS - PART 2
SK-6 BORING LOGS - PART 3

TOTAL BILL OF MATERIAL - GANTRY 1 (TS20.97T,NB) AT STA 7209+00

PAY ITEM	ITEM	UNIT	TOTAL
20700220	POROUS GRANULAR EMBANKMENT	CU YD	24.4
50200100	STRUCTURE EXCAVATION	CU YD	29.0
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	5,630
15734G10	FOUNDATION FOR ITS GANTRY FRAME	CU YD	20.0

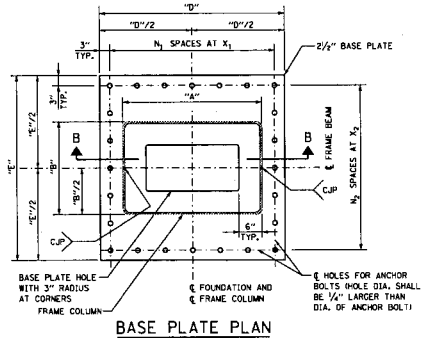
TOTAL BILL OF MATERIAL - GANTRY 2 (TS22.08T,NB) AT STA 7267+29.62

PAY ITEM	ITEM	UNIT	TOTAL
20700220	POROUS GRANULAR EMBANKMENT	CU YD	24.4
50200100	STRUCTURE EXCAVATION	CU YD	29.0
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4,750
15734G10	FOUNDATION FOR ITS GANTRY FRAME	CU YD	18.0



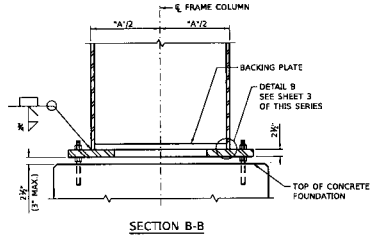
COLUMN BASE

REINFORCING NOT SHOWN



BASE PLATE PLAN

FOR INFORMATION ONLY, ANCHOR BOLT SPACING SHOWN



SECTION B-B

DESIGN SUMMARY

STRUCTURE NUMBER	STATION	SPAN "S" (FT)	ELEV. A	ELEV. B	ELEV. C	ELEV. D	ELEV. J	ELEV. G	FOUNDATION TYPE	MINIMUM VERTICAL CLEARANCE	FS	L_5	L_1	L_2	L_3	L_4	L_5	L_6	L_7	H	H_1	CONCRETE (CU YD) CLASS BS	CONCRETE (CU YD) CLASS DS	REINF. BARS, EPOXY COATED (LB)	PROTECTIVE COAT (SQ YD)
ITS GANTRY 1 (TS20.97T,NB)	7209+00.00 98.36' RT	117'-10⅝"	N/A	N/A	635'-0"	626'-7"	N/A	652'-5"	I (NORTH)	17'-5"	111'-10⅝"	3'-0"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17'-2½"	8	12	5,630	0
ITS GANTRY 2 (TS22.08T,NB)	7267+29.62 87.67' RT	102'-2½"	N/A	N/A	629'-6"	621'-1"	N/A	646'-11"	I (NORTH)	17'-5"	96'-2½"	3'-0"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17'-2½"	8	10	4,750	0
																					TOTAL				

BASE PLATE TABLE - TYPE N

SPAN "S"	"D"	"E"	N_1	X_1	N_2	X_2	ANCHOR BOLT DIAMETER	NO. ANCHOR BOLT
<=110'	3'-2"	3'-5"	4	8"	5	7"	1¾"	18
110'<"S"<=130'	3'-5"	3'-6"	5	7"	6	6"	1¾"	22
130'<"S"<=150'	3'-7½"	3'-6"	5	7½"	6	6"	1¾" △	22

DRAWN BY JL DATE 01/29/2019

CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING

LHQ TRANSITEK PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

NO	DATE	REVISIONS DESCRIPTION
△	2/19/2019	ADDENDUM NO. 2

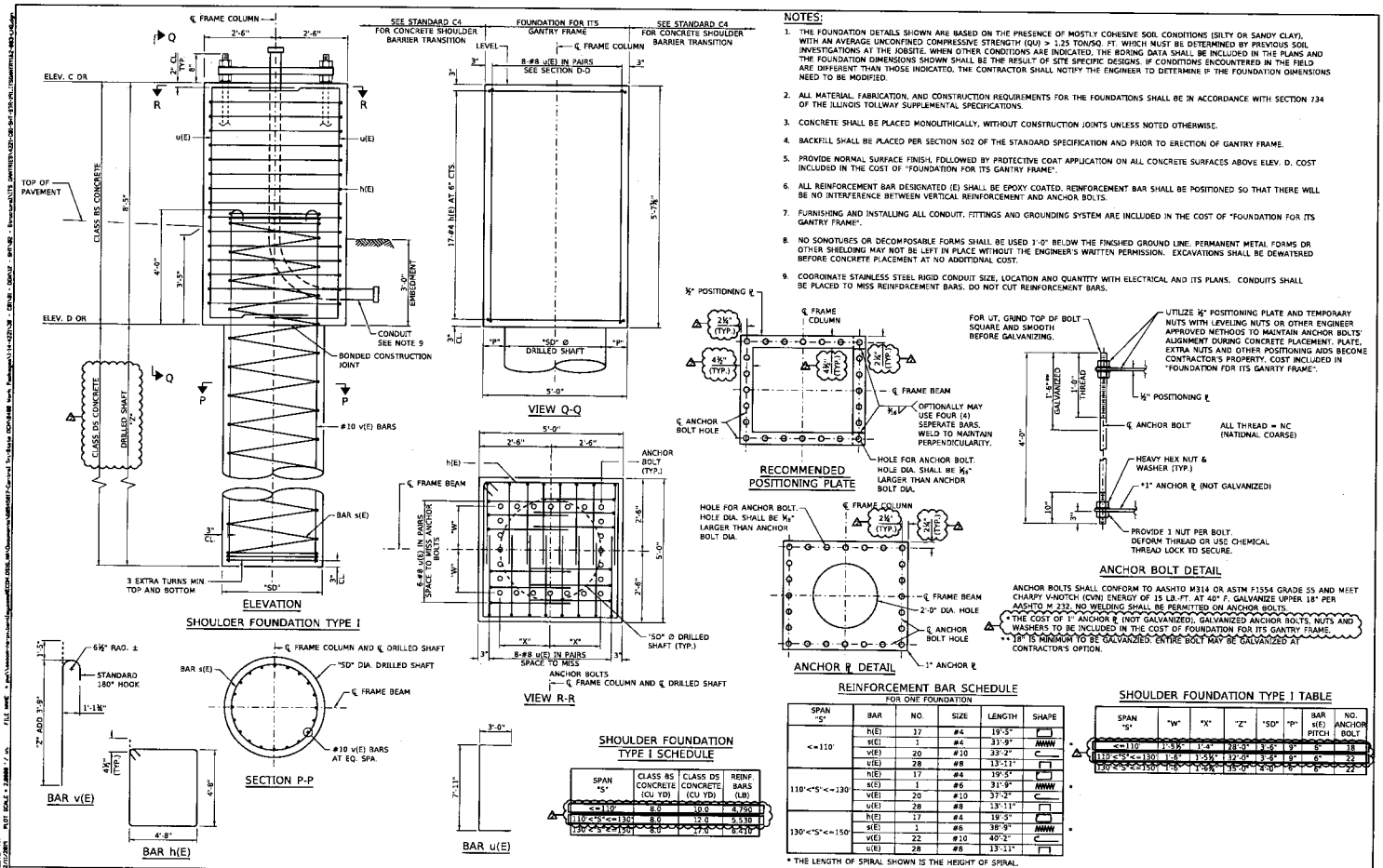
CONTRACT NO. I-18-4430

ITS GANTRY

GENERAL NOTES, INDEX OF SHEETS AND TOTAL BILL OF MATERIAL

SHEET NO. SK - 2 OF 6

DRAWING NO. 1247 OF 1650



SHOULDER FOUNDATION TYPE I SCHEDULE

SPAN "S"	CLASS BS CONCRETE (CU YD)	CLASS DS CONCRETE (CU YD)	REINF BARS (LB)
<=110'	8.0	10.0	4,790
110'<"S"<=130'	8.0	12.0	5,530
130'<"S"<=150'	8.0	17.0	6,410

REINFORCEMENT BAR SCHEDULE
FOR ONE FOUNDATION

SPAN "S"	BAR	NO.	SIZE	LENGTH	SHAPE	
<=110'	h(E)	17	#4	19'-5"		
	s(E)	1	#4	31'-9"		
	v(E)	20	#10	33'-2"		
	u(E)	28	#8	13'-11"		
110'<"S"<=130'	h(E)	17	#4	19'-5"		
	s(E)	1	#6	31'-9"		*
	v(E)	20	#10	37'-2"		
	u(E)	28	#8	13'-11"		
130'<"S"<=150'	h(E)	17	#4	19'-5"		
	s(E)	1	#6	38'-9"		*
	v(E)	22	#10	40'-2"		
	u(E)	28	#8	13'-11"		

* THE LENGTH OF SPIRAL SHOWN IS THE HEIGHT OF SPIRAL.

SHOULDER FOUNDATION TYPE I TABLE

SPAN "S"	"W"	"X"	"Z"	"SD"	"P"	BAR v(E) PITCH	NO. ANCHOR BOLT	
<=110	1'-4½"	1'-4"	28'-0"	3'-6"	9"	6"	18	
110'<"S"<=130'	1'-6"	1'-5½"	32'-0"	3'-6"	9"	6"	22	*
130'<"S"<=150'	1'-6"	1'-5½"	36'-0"	4'-0"	9"	6"	22	

DRAWN BY	JL	DATE	01/29/2019
CHECKED BY	AJN	DATE	01/29/2019

Bowman CONSULTING
LHQ
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE, ILLINOIS 60515

NO.	DATE	DESCRIPTION
1	2/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
ITS GANTRY
SUBSTRUCTURE DETAILS - TYPE I

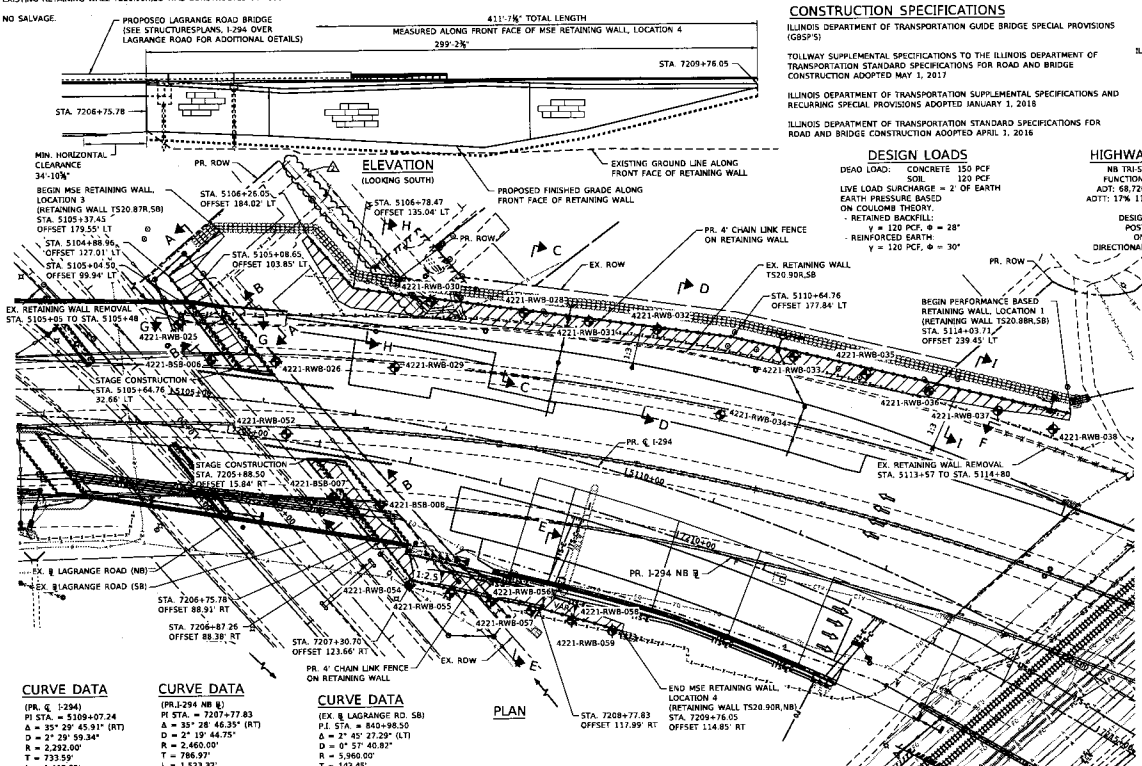
SHEET NO. SK - 3 OF 6
DRAWING NO. 1248 OF 1650

BENCH MARK: BERNTSEN MONUMENT IN VAULT FOUND SOUTHEAST OF SN 184 SB AS I-294 CONTROL POINT NO. 1105, STA. 5100+98.74, 40.93' LT, ELEV. 620.35.

EXISTING STRUCTURE: BRIDGE NO. 183 (NB) AND 184 (SB) BUILT IN 1957 AT STA. 1279+22. EXISTING DUAL STRUCTURES EACH CONSIST OF 2-SPAN REINF. CONCRETE DECK SUPPORTED ON STEEL WIDE FLANGE BEAMS AND PLATE GIRDERS. THE SUBSTRUCTURE CONSISTS OF REINF. CONCRETE CENTER PIER AND ABUTMENTS WHICH REST ON SPREAD FOOTINGS AND PILE SUPPORTED WINGWALLS. EACH BRIDGE WAS WIDENED TO THE CENTER IN 1969 AND 1984 AND EACH BRIDGE WAS WIDENED TO THE OUTSIDE IN 1993. LENGTH: 204'-4" BK. TO BK. ABUTMENTS ALONG EXISTING CL TRI-STATE TOLLWAY (I-294). WIDTH: 77'-7" MAX. AND VARIES OUT-TO-OUT OF DECK. STRUCTURES TO BE REMOVED AND REPLACED. SEE STRUCTURES PLANS, I-294 OVER LAGRANGE ROAD FOR ADDITIONAL INFORMATION. TRAFFIC TO BE MAINTAINED UTILIZING STAGE CONSTRUCTION.

EXISTING RETAINING WALL TS20.90R,SB WAS CONSTRUCTED IN 1993 UNDER CONTRACT MIP-88-4358. IT IS A MODULAR BLOCK RETAINING WALL WITH GEOGRID REINFORCEMENT. A PORTION OF THE WALL WILL BE REMOVED.

NO SALVAGE.



PLAN

CONSTRUCTION SPECIFICATIONS

ILLINOIS DEPARTMENT OF TRANSPORTATION GUIDE BRIDGE SPECIAL PROVISIONS (GBSP'S)

TOLLWAY SUPPLEMENTAL SPECIFICATIONS TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED MAY 1, 2017

ILLINOIS DEPARTMENT OF TRANSPORTATION SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2018

ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED APRIL 1, 2016

DESIGN LOADS

DEAD LOAD: CONCRETE 150 PCF
SOIL 120 PCF
LIVE LOAD SURCHARGE = 2' OF EARTH
EARTH PRESSURE BASED ON COULOMB THEORY.
- RETAINED BACKFILL: γ = 120 PCF, Φ = 28°
- REINFORCED EARTH γ = 120 PCF, Φ = 30°

DESIGN SPECIFICATIONS

2014 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 7TH EDITION WITH 2015 AND 2016 INTERIMS

ILLINOIS TOLLWAY STRUCTURE DESIGN MANUAL, MARCH 2018

ILLINOIS TOLLWAY GEOTECHNICAL MANUAL, MARCH 2018

ILLINOIS DEPARTMENT OF TRANSPORTATION BRIDGE MANUAL, JANUARY 2012

DESIGN STRESSES

FIELD UNITS
f'c = 3,500 PSI
fy = 60,000 PSI (REINFORCEMENT)
PRECAST UNITS
f'c = 4,500 PSI (PRECAST PANELS)

HIGHWAY CLASSIFICATION

NB TRI-STATE TOLLWAY (I-294)
FUNCTIONAL CLASS: INTERSTATE
ADT: 68,720 (2013); 110,100 (2040)
ADTT: 17% 11,683 (2013); 18,717 (2040)
DHV: 8,700
DESIGN SPEED: 70 M.P.H.
POSTED SPEED: 55 M.P.H.
ONE-WAY TRAFFIC
DIRECTIONAL DISTRIBUTION: 100%-0%

HIGHWAY CLASSIFICATION

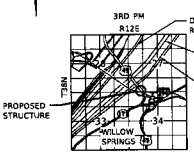
SB TRI-STATE TOLLWAY (I-294)
FUNCTIONAL CLASS: INTERSTATE
ADT: 62,310 (2013); 94,700 (2040)
ADTT: 17% 10,593 (2013); 16,099 (2040)
DHV: 8,079
DESIGN SPEED: 70 M.P.H.
POSTED SPEED: 55 M.P.H.
ONE-WAY TRAFFIC
DIRECTIONAL DISTRIBUTION: 100%-0%

HIGHWAY CLASSIFICATION

LAGRANGE ROAD (US 45)
FUNCTIONAL CLASS: OTHER PRINCIPAL ARTERIAL
ADT: 76,200 (2013); 113,587 (2040)
ADTT: 8% 6,096 (2013); 9,087 (2040)
DHV: 7,620 (2 WAY)
DESIGN SPEED: 50 M.P.H.
POSTED SPEED: 45 M.P.H.
TWO-WAY TRAFFIC
DIRECTIONAL DISTRIBUTION: 50%-50%

LEGEND

- REINFORCED SOIL MASS
- MSE WALL PANELS
- SOIL BORINGS
- 4' CHAIN LINK FENCE ON RETAINING WALL
- APPROXIMATE LIMITS OF EXISTING RETAINING WALL REMOVAL
- TEMPORARY SOIL RETENTION SYSTEM



LOCATION SKETCH

CURVE DATA

(PR. ℄ I-294)
PI STA. = 5109+07.24
Δ = 35° 29' 45.91" (RT)
D = 2° 29' 59.34"
R = 2,292.00'
T = 733.59'
L = 1,419.99'
E = 114.54'
e = 6.0%
T.R. = 228.13'
S.E. RUN = 547.50'
PC STA. = 5101+73.66
PT STA. = 5115+93.60

CURVE DATA

(PR.I-294 NB ℄)
PI STA. = 7207+77.83
Δ = 35° 28' 46.35" (RT)
D = 2° 19' 44.75"
R = 2,460.00'
T = 786.97'
L = 1,523.32'
E = 122.81'
e = 5.8%
T.R. = 228.13'
S.E. RUN = 529.25'
PC STA. = 7199+90.86
PT STA. = 7215+14.18

CURVE DATA

(EX. ℄ LAGRANGE RD. SB)
P.I. STA. = 840+98.50
Δ = 2° 45' 27.29" (LT)
D = 0° 57' 40.82"
R = 5,960.00'
T = 143.45'
L = 286.85'
E = 1.73'
e = EXISTING
T.R. = EXISTING
S.E. RUN = EXISTING
P.C. STA. = 839+55.05
P.T. STA. = 842+41.90

NOTES:
WALL STATIONS AND OFFSETS ARE GIVEN TO THE FRONT FACE OF THE WALL AND MEASURED FROM THE SB & NB TRI-STATE TOLLWAY (I-294) ℄.

SEE SHEETS SE-6-8 & 11 FOR SECTIONS.

GENERAL PLAN
I-294 OVER LAGRANGE ROAD (US 45)
TRI-STATE TOLLWAY (I-294)
COOK COUNTY
STA. 5103+50.00 (SB) TO 5116+00.00 (SB)
STRUCTURE NOS. TS20.90R,NB, TS20.87R,SB & TS20.88R,SB

DRAWN BY KWB DATE 01/29/2019
CHECKED BY SCD DATE 01/29/2019

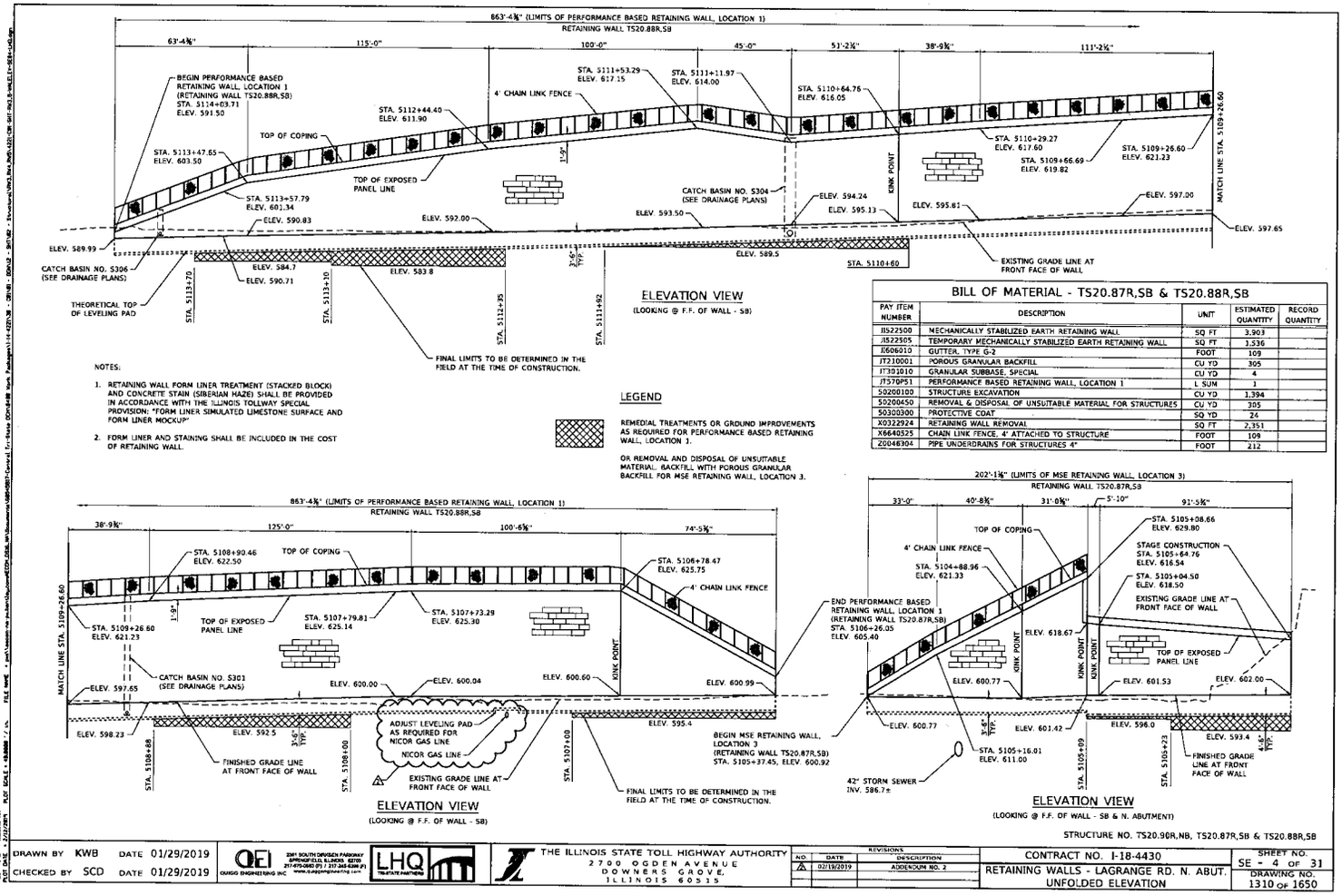
OEI
5361 SOUTH ERIEVIEW PARKWAY SPRINGFIELD, ILLINOIS 62703
217-670-0683 (P) / 217-585-5368 (F)
OHNSTAD ENGINEERING INC
www.ohnstadengineering.com
LHQ CREATIVE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

NO	DATE	REVISIONS DESCRIPTION
1	02/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
RETAINING WALLS - LAGRANGE RD. N. ABUT.
GENERAL PLAN AND ELEVATION

SHEET NO. SE - 1 OF 3
DRAWING NO. 1307 OF 1650



NOTES:

1. RETAINING WALL FORM LINER TREATMENT (STACKED BLOCK) AND CONCRETE STAIN (SIBERIAN HAZE) SHALL BE PROVIDED IN ACCORDANCE WITH THE ILLINOIS TOLLWAY SPECIAL PROVISION: "FORM LINER SIMULATED LIMESTONE SURFACE AND FORM LINER MOCKUP"
2. FORM LINER AND STAINING SHALL BE INCLUDED IN THE COST OF RETAINING WALL.

LEGEND

REMEDIAL TREATMENTS OR GROUND IMPROVEMENTS AS REQUIRED FOR PERFORMANCE BASED RETAINING WALL, LOCATION 1.

OR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL. BACKFILL WITH POROUS GRANULAR BACKFILL FOR MSE RETAINING WALL, LOCATION 3.

BILL OF MATERIAL - TS20.87R,SB & TS20.88R,SB

PAY ITEM NUMBER	DESCRIPTION	UNIT	ESTIMATED QUANTITY	RECORD QUANTITY
11522500	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	3,903	
11522505	TEMPORARY MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	1,536	
11606010	GUTTER, TYPE G-2	FOOT	109	
11710001	POROUS GRANULAR BACKFILL	CU YD	305	
11701010	GRANULAR SUBBASE, SPECIAL	CU YD	4	
11570P51	PERFORMANCE BASED RETAINING WALL, LOCATION 1	L SUM	1	
50200100	STRUCTURE EXCAVATION	CU YD	1,394	
50200450	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	305	
50300300	PROTECTIVE COAT	SQ YD	24	
X0322924	RETAINING WALL REMOVAL	SQ FT	2,351	
X6640525	CHAIN LINK FENCE, 4' ATTACHED TO STRUCTURE	FOOT	109	
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	212	

STRUCTURE NO. TS20.90R,NB, TS20.87R,SB & TS20.88R,SB

DRAWN BY KWB DATE 01/29/2019
CHECKED BY SCD DATE 01/29/2019

QEI OMEGG ENGINEERING INC
2361 SOUTH DRIVEN PARKWAY SPRINGFIELD, ILLINOIS 62703 217-670-0960 (P) / 217-345-6396 (F) www.quiggengineering.com
LHQ TRI-STATE PARTNERS
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE, ILLINOIS 60515

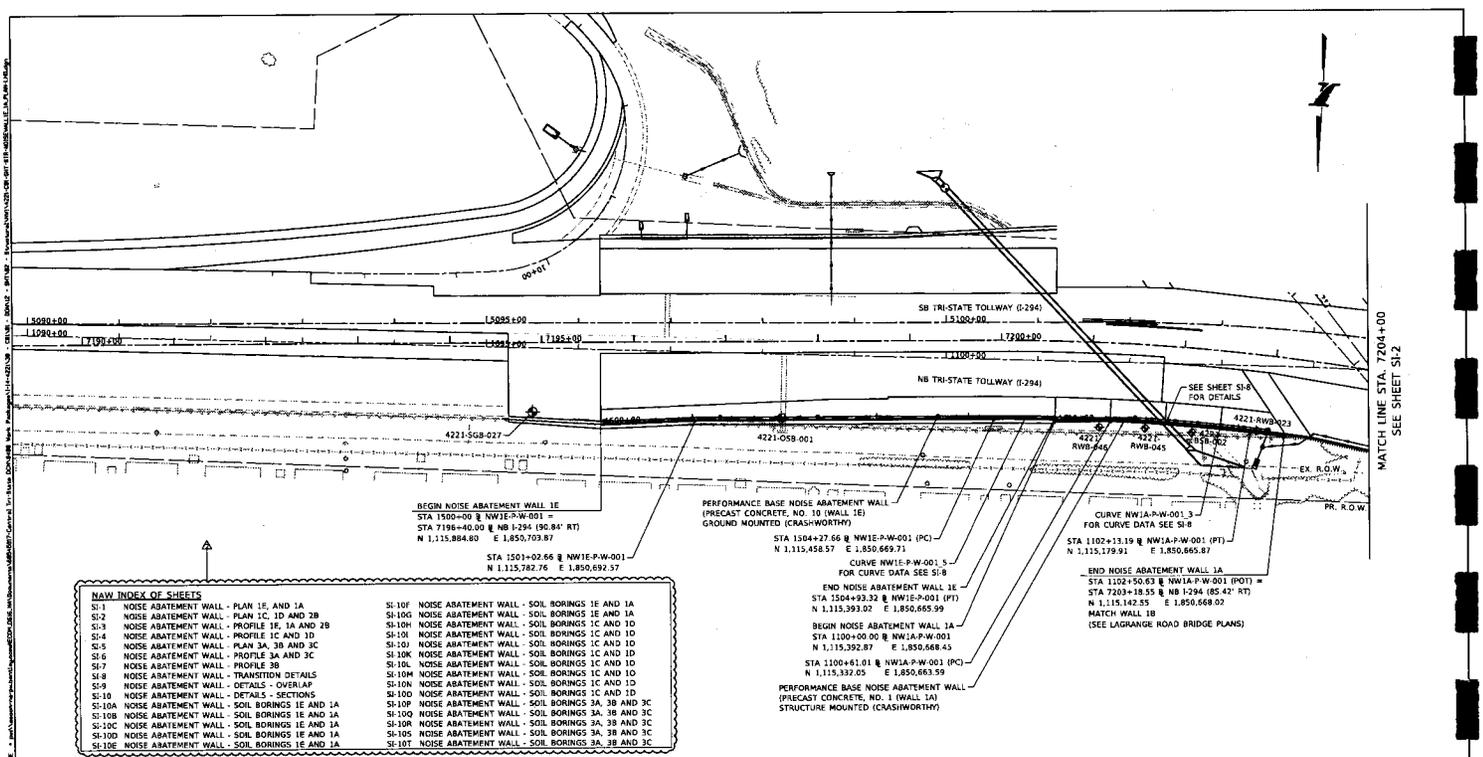
REVISIONS		
NO.	DATE	DESCRIPTION
1	02/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430

RETAINING WALLS - LAGRANGE RD. N. ABUT. UNFOLDED ELEVATION

SHEET NO. SE - 4 OF 31

DRAWING NO. 1310 OF 1650



NAW INDEX OF SHEETS

SI-1	NOISE ABATEMENT WALL - PLAN 1E, AND 1A	SI-10F	NOISE ABATEMENT WALL - SOIL BORINGS 1E AND 1A
SI-2	NOISE ABATEMENT WALL - PLAN 1C, 1D AND 2B	SI-10G	NOISE ABATEMENT WALL - SOIL BORINGS 1E AND 1A
SI-3	NOISE ABATEMENT WALL - PROFILE 1E, 1A AND 2B	SI-10H	NOISE ABATEMENT WALL - SOIL BORINGS 1C AND 1D
SI-4	NOISE ABATEMENT WALL - PROFILE 1C AND 1D	SI-10I	NOISE ABATEMENT WALL - SOIL BORINGS 1C AND 1D
SI-5	NOISE ABATEMENT WALL - PLAN 3A, 3B AND 3C	SI-10J	NOISE ABATEMENT WALL - SOIL BORINGS 1C AND 1D
SI-6	NOISE ABATEMENT WALL - PROFILE 3A AND 3C	SI-10K	NOISE ABATEMENT WALL - SOIL BORINGS 1C AND 1D
SI-7	NOISE ABATEMENT WALL - PROFILE 3B	SI-10L	NOISE ABATEMENT WALL - SOIL BORINGS 1C AND 1D
SI-8	NOISE ABATEMENT WALL - TRANSITION DETAILS	SI-10M	NOISE ABATEMENT WALL - SOIL BORINGS 1C AND 1D
SI-9	NOISE ABATEMENT WALL - DETAILS - OVERLAP	SI-10N	NOISE ABATEMENT WALL - SOIL BORINGS 1C AND 1D
SI-10	NOISE ABATEMENT WALL - DETAILS - SECTIONS	SI-10O	NOISE ABATEMENT WALL - SOIL BORINGS 1C AND 1D
SI-10A	NOISE ABATEMENT WALL - SOIL BORINGS 1E AND 1A	SI-10P	NOISE ABATEMENT WALL - SOIL BORINGS 3A, 3B AND 3C
SI-10B	NOISE ABATEMENT WALL - SOIL BORINGS 1E AND 1A	SI-10Q	NOISE ABATEMENT WALL - SOIL BORINGS 3A, 3B AND 3C
SI-10C	NOISE ABATEMENT WALL - SOIL BORINGS 1E AND 1A	SI-10R	NOISE ABATEMENT WALL - SOIL BORINGS 3A, 3B AND 3C
SI-10D	NOISE ABATEMENT WALL - SOIL BORINGS 1E AND 1A	SI-10S	NOISE ABATEMENT WALL - SOIL BORINGS 3A, 3B AND 3C
SI-10E	NOISE ABATEMENT WALL - SOIL BORINGS 1E AND 1A	SI-10T	NOISE ABATEMENT WALL - SOIL BORINGS 3A, 3B AND 3C

CONSTRUCTION SPECIFICATION

ILLINOIS DEPARTMENT OF TRANSPORTATION GUIDE BRIDGE SPECIAL PROVISIONS.

ILLINOIS TOLLWAY SUPPLEMENTAL SPECIFICATIONS TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ISSUED MARCH 30, 2018.

ILLINOIS DEPARTMENT OF TRANSPORTATION SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2018.

ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED APRIL 1, 2016.

DRAINAGE NOTES:

FOR PIPE UNDERDRAINS SEE DRAINAGE PLANS AND SCHEDULES
FOR PROPOSED DRAINAGE STRUCTURES SEE DRAINAGE PLANS AND SCHEDULES

NOTES

THIS WORK REQUIRES DESIGN BY THE CONTRACTOR AS IT IS INCLUDED IN THIS CONTRACT AS A PERFORMANCE SPECIFICTION. WORK WILL BE PAID FOR UNDER ITEM:
JT599P01 - PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 1 (L SUM) - WALL 1A
JT599P10 - PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 10 (L SUM) - WALL 1E

NOISE ABATEMENT WALL NOS:
WALL 1A = TS20.82N, NB
WALL 1E = TS20.71N, NB

DRAWN BY JTF DATE 01/29/2019
CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING
LHQ PRIVATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION
2	2/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
NOISE ABATEMENT WALL
PLAN 1E AND 1A

SHEET NO. SI – 1
DRAWING NO. 1380 OF 1650

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 1 of 1

Date 12/4/17

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction LOGGED BY TC

SECTION I-294 LOCATION NW 1/4, SEC. 34, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station

BORING NO. 4221-SGB-027 Station 5095+50 Offset 96.66ft Right Ground Surface Elev. 615.10 ft

Surface Water Elev. n/a ft Stream Bed Elev. n/a ft

Groundwater Elev.: First Encounter Dry ft Upon Completion Dry ft After ___ Hrs. ___ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
10.0" ASPHALT 614.27			
CRUSHED STONE-medium dense	10 12		3
616.10			
CLAY LOAM-dark brown, gray & black-very stiff to hard (Fill)	4 5 6	4.1 B	13
	4 4 5	3.9 B	15
becoming brown & gray @ -6.0'	6 9 11	4.5 P	16
	5 6 10	4.0 S	16
	6 8 11	5.3 B	17
End Of Boring @ -15.0'. Boring backfilled with cuttings. 604.10			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 1 of 2

Date 12/6/17

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction LOGGED BY TC

SECTION I-294 LOCATION NW 1/4, SEC. 34, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station

BORING NO. 4221-OSB-001 Station 5098+20 Offset 103.60ft Right Ground Surface Elev. 620.40 ft

Surface Water Elev. n/a ft Stream Bed Elev. n/a ft

Groundwater Elev.: First Encounter 589.4 ft ▼ Upon Completion ___ ft After ___ Hrs. ___ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
10" ASPHALT 619.57			
CRUSHED STONE-dense	18 22 18		4
617.40			
CLAY LOAM-dark brown & gray-stiff to hard (Fill)	4 3 3	1.6 B	16
	3 5 5	4.2 B	19
becoming brown & gray @ -10.5'	3 7 10	5.5 B	15
	6 9 9	7.4 B	17
	5 9 11	4.5 P	18
	4 5 5	2.7 B	21
	3 6 9	3.7 B	16
CLAY LOAM-dark brown & gray-stiff to hard (Fill) *(continued)*	6 7 12 14	6.9 B	18
	6 7 9	5.1 S	18
594.90 SILTY CLAY-dark brown & gray-stiff	6 7 8	4.5 P	17
	4 5 8	2.7 B	29
588.40 SAND & GRAVEL-gray-medium dense to dense	21 15 15		10
	18 13 13		15

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

DRAWN BY JTF DATE 01/29/2019
CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING

LHQ

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION
1	2/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
NOISE ABATEMENT WALL
SOIL BORINGS - 1E AND 1A

SHEET NO. SI – 10A
DRAWING NO. 1389A OF 1650

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 2 of 2

Date 12/8/17

ISTHA Contract: RR-14-4221, I-294 Mile Long

ROUTE Tri-State Tollway I-294 DESCRIPTION Bridge Rehabilitation/Reconstruction LOGGED BY TC

SECTION I-294 LOCATION NW 1/4, SEC. 34, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4221-OSB-001
Station 5096+20
Offset 103.60ft Right
Ground Surface Elev. 620.40 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 589.4 ft
Upon Completion _____ ft
After _____ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SAND & GRAVEL-gray-medium dense to dense *(continued)*			
578.40			
CLAY LOAM with SAND seams-gray-hard	29		
	20 19	4.5 P	14
573.40			
SAND & GRAVEL-gray-dense	7		
	25 40		9
570.40			
End Of Boring @ -56.0'. Boring backfilled with cuttings.			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 1 of 2

Date 11/8/17

ISTHA Contract: RR-14-4221, I-294 Mile Long

ROUTE Tri-State Tollway I-294 DESCRIPTION Bridge Rehabilitation/Reconstruction LOGGED BY AD

SECTION I-294 LOCATION NW 1/4, SEC. 34, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE CME Automatic

STRUCT. NO. TS20.71RNB & TS20.80RSB
Station 51D1+55.00 to 51E1+00.00

BORING NO. 4221-RWB-046
Station 5101+65
Offset 113.90ft Right
Ground Surface Elev. 622.30 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After _____ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
11.8" ASPHALT			
621.38			
CRUSHED STONE-medium dense	15		
	17 9		3
619.30			
CLAY LOAM-brown & gray-very stiff to hard (FIll)	3		
	7 4	1.4 B	19
	3		
	7 7	4.0 P	13
	2		
	6 7	4.3 P	14
611.80			
SILTY CLAY LOAM-brown-very stiff (Fill)	5		
	6 9	2.5 P	22
609.30			
CLAY LOAM-brown & gray-stiff to very stiff (Fill)	4		
	8 13	2.0 B	18
	6		
	5 9	2.1 B	21
	6		
	11 12	3.0 P	19

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CLAY LOAM-brown & gray-stiff to very stiff (Fill) *(continued)*			
	5		
	7 12	2.6 P	22
	6		
	7 7	1.6 B	21
	4		
	6 10	1.1 B	27
	3		
	5 6	3.1 B	19
590.30			
SILTY CLAY LOAM-gray-very dense	22		
	28 35	9.8 S	12
	30		
some fractured rock from -38.5' to -45.0'	50/5"		10

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

DRAWN BY JTF DATE 01/29/2019
CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING

LHQ TREATIVE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO	DATE	DESCRIPTION
2	2/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430

NOISE ABATEMENT WALL
SOIL BORINGS - 1E AND 1A

SHEET NO. SI - 10B

DRAWING NO. 1389B or 1650

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 2 of 2

Date 11/8/17

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction LOGGED BY AD

SECTION I-294 LOCATION NW 1/4, SEC. 34, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE CME Automatic

STRUCT. NO. TS20.71RNB & TS20.80RSB
Station 5101+55.00 to 5101+00.00

BORING NO. 4221-RWB-046
Station 5101+66
Offset 113.90ft Right
Ground Surface Elev. 622.30 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SILTY CLAY LOAM-gray-very dense (continued)			
	46		
	50/3"	4.5 P	13
575.30 CLAY LOAM with Gravel-gray-very stiff			
	20		
	35	3.3 B	11
	35		
	26		
	35	3.8 B	11
	42		
	8		
	16	2.1 B	14
	22		
CLAY LOAM with Gravel-gray-very stiff (continued) 560.30			
CLAY-gray-stiff	8		
	11	1.8 B	24
	16		
555.30 SILTY SAND with Gravel-gray-very dense			
	20		
	33		18
End Of Boring @ -70.0'. Boring backfilled with cuttings. 552.30	39		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 1 of 3

Date 11/20/17

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction LOGGED BY JJ

SECTION I-294 LOCATION NW 1/4, SEC. 34, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE CME Automatic

STRUCT. NO. TS20.71RNB & TS20.80RSB
Station 5101+55.00 to 5101+00.00

BORING NO. 4221-RWB-045
Station 5102+18
Offset 114.80ft Right
Ground Surface Elev. 622.30 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
13.0" ASPHALT			
621.22 CRUSHED STONE-medium dense	15		
	13		4
	5		
619.30 CLAY LOAM with STONE-dark brown & gray-very stiff (Fill)			
	4		
	5	2.5 B	17
	8		
	4		
	8	3.0 P	15
	10		
614.30 CLAY LOAM-brown & gray-medium stiff to hard (Fill)			
	4		
	5	3.5 P	18
	8		
	2		
	5	1.3 B	21
	5		
	3		
	8	2.8 B	18
	10		
	7		
	8	2.5 S	16
	9		
	7		
	10	2.9 B	20
	10		
CLAY LOAM-brown & gray-medium stiff to hard (Fill) (continued)			
	7		
	11	3.4 B	21
	15		
	6		
	7	4.6 B	21
	9		
	5		
	8	2.0 B	21
	11		
	3		
	5	0.9 B	25
	7		
	3		
	5	4.0 P	14
	9		
585.30 SILTY CLAY LOAM with Gravel-gray-dense to very dense			
	50/5"		
		4.5 P	11

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

DRAWN BY JTF DATE 01/29/2019
CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING

LHQ TRI-STATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE, ILLINOIS 60515

NO	DATE	REVISIONS DESCRIPTION
A	2/19/2019	ADDENDUM NO. 3

CONTRACT NO. I-18-4430
NOISE ABATEMENT WALL
SOIL BORINGS - 1E AND 1A

SHEET NO. SI - 10C
DRAWING NO. 1389C OF 1650

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 2 of 3

Date 11/20/17

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction LOGGED BY JJ

SECTION I-294 LOCATION NW 1/4, SEC. 34, TWP. T36N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE CME Automatic

STRUCT. NO. TS20.7 IRNB & TS20.8IRSB
Station 5101+55.00 to 5101+00.00

BORING NO. 4221-RWB-045
Station 5102+18
Offset 114.80ft Right
Ground Surface Elev. 622.30 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	
				SILTY CLAY LOAM with Gravel-gray-dense to very dense *(continued)*
	37			
-45	50/6"	4.5 P	10	
	29			
-50	29	4.5 P	10	
	30			
	50/3"			
-55		4.5 P	12	
	27			
-60	32	2.8 P	13	
	36			
				SILTY CLAY LOAM with Gravel-gray-dense to very dense *(continued)*
-560.30				
				CLAY-gray-stiff to very stiff
	7			
-65	9	2.1 B	14	
	14			
	11			
-70	12	1.9 B	26	
	16			
-550.30				
				CLAY LOAM with Gravel-gray-hard
	19			
-75	26	9.8 B	14	
	29			
	50/2"			
-80		4.5 P	14	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 6-99)

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 3 of 3

Date 11/20/17

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction LOGGED BY JJ

SECTION I-294 LOCATION NW 1/4, SEC. 34, TWP. T36N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE CME Automatic

STRUCT. NO. TS20.7 IRNB & TS20.8IRSB
Station 5101+55.00 to 5101+00.00

BORING NO. 4221-RWB-045
Station 5102+18
Offset 114.80ft Right
Ground Surface Elev. 622.30 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	
				CLAY LOAM with Gravel-gray-hard *(continued)*
-540.30				
				CLAYEY SAND, GRAVEL & FRACTURED ROCK-gray-very dense
	50/3"			
-85			10	
-537.30				
				Unless Observation: Apparent bedrock
-536.30				
				Borehole continued with rock coring.
-90				
-95				
-100				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 6-99)

DRAWN BY JTF DATE 01/29/2019
CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING

LHQ PRIVATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

NO	DATE	REVISIONS DESCRIPTION
2	2/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
NOISE ABATEMENT WALL
SOIL BORINGS - 1E AND 1A

SHEET NO. SI – 10D
DRAWING NO. 1389D OF 1650

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
825 Emerald Court, Suite 204
Naperville, Illinois 60563
(630) 355-2882

GSI Job No. 15064

SOIL BORING LOG

Page 1 of 3

Date 12/4/15

ISTHA Contract: RR-14-4221, I-294 Mile Long

ROUTE Tri-State Tollway I-294 DESCRIPTION Bridge Rehabilitation/Reconstruction LOGGED BY JJ

SECTION I-294 LOCATION NW 1/4, SEC. 34, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE CME Automatic

STRUCT. NO. TS20.71RNB & TS20.80RSB
Station 5101+55.00 to 5101+00.00

BORING NO. 4221-BSB-002
Station 5102+72
Offset 117.80ft Right
Ground Surface Elev. 622.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Soil Description
0				10.0" ASPHALT
				621.17
	14			CRUSHED STONE-medium dense (Fill)
	17		5	
	11			
				519.66
	3			CLAY LOAM-brown & gray-stiff to hard (Fill)
	6	2.5	16	
5	14	P		
	3			
	12	1.4	7	
	50/5"	P		
	5			
	7	2.2	18	
10	8	P		
	4			
	6	1.9	20	
	7	B		
	4			
	8	3.3	16	
15	12	P		
	4			
	8	3.5	16	
	10	B		
	4			
	8	4.9	16	
20	10	B		
				CLAY LOAM-brown & gray-stiff to hard (Fill) (continued)
	4			
	8	2.7	21	
	10	B		
				598.00
	6			CRUSHED STONE SCREENINGS-very dense (Fill)
	50/5"		5	
25				
				596.50
	5			CLAY LOAM-brown & black-medium stiff (Fill)
	5	0.7	26	
	7	B		
				594.00
	6			SILTY CLAY-dark brown, gray & black-very stiff
	8	2.4	22	
30	12	B		
				590.00
				CLAY LOAM-brown-hard
	13			
	31	5.3	13	
	40	B		
35				
				becoming gray @ -37.0'
	50/5"			
		4.5	9	
40		P		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
825 Emerald Court, Suite 204
Naperville, Illinois 60563
(630) 355-2882

GSI Job No. 15064

SOIL BORING LOG

Page 2 of 3

Date 12/4/15

ISTHA Contract: RR-14-4221, I-294 Mile Long

ROUTE Tri-State Tollway I-294 DESCRIPTION Bridge Rehabilitation/Reconstruction LOGGED BY JJ

SECTION I-294 LOCATION NW 1/4, SEC. 34, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE CME Automatic

STRUCT. NO. TS20.71RNB & TS20.80RSB
Station 5101+55.00 to 5101+00.00

BORING NO. 4221-BSB-002
Station 5102+72
Offset 117.80ft Right
Ground Surface Elev. 622.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Soil Description
				CLAY LOAM-brown-hard (continued)
				590.00
				SANDY CLAY LOAM-gray-very dense
	40			
45	40		12	
	50/5"			
				575.00
				CLAY LOAM-gray-very stiff to hard
	33			
	42	4.2	10	
55	40	S		
				563.00
				SAND, GRAVEL & FRACTURED ROCK-gray-very dense
	17			
	22	3.3	12	
60	23	B		
65				
				CLAY-gray-dense
	9			
	17	2.8	17	
70	22	B		
				CLAY-gray-dense (continued)
	15			
	16		23	
75	21			
	11			
	50		11	
80	50			
	50			
	50/5"		10	
85				
	50/5"		9	
90				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

DRAWN BY JTF DATE 01/29/2019
CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING

LHQ The Quality Partnership

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION
2	2/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
NOISE ABATEMENT WALL
SOIL BORINGS - 1E AND 1A

SHEET NO. SI - 10E
DRAWING NO. 1389E OF 1650

Geo Services, Inc.

GSI Job No. 15084

SOIL BORING LOG

Page 3 of 3

Date 12/4/15

ISTHA Contract: RR-14-4221, I-294 Mile Long

ROUTE Tri-State Tollway I-294 DESCRIPTION Bridge Rehabilitation/Reconstruction LOGGED BY JJ

SECTION I-294 LOCATION NW 1/4, SEC. 34, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE CME Automatic

STRUCT. NO. TS20.71RNB & TS20.80RSB
Station 5101+55.00 to 5101+00.00

BORING NO. 4221-BSB-002
Station 5102+72
Offset 117.80ft Right
Ground Surface Elev. 622.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SAND, GRAVEL & FRACTURED ROCK gray-very dense *(continued)*			
539.50			
Drillers Observation: Apparent Bedrock 537.50			
RUN 1 (-84.5' to -94.5') SILURIAN SYSTEM, NIAGARAN SERIES DOLOMITE Light gray & fine grained with horizontal bedding, becoming mottled gray & porous @ -87.4' Vertical fracture from -87.0' to -90.5'.			
527.50			
RUN 2 (-94.5' to -104.5') SILURIAN SYSTEM, NIAGARAN SERIES DOLOMITE Light gray mottled gray & porous with horizontal to vertical bedding. Horizontal fractures throughout with some chert nodules below -103.5			
-105			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
RUN 2 (-94.5' to -104.5') SILURIAN SYSTEM, NIAGARAN SERIES DOLOMITE Light gray mottled gray & porous with horizontal to vertical bedding. Horizontal fractures throughout with some chert nodules below -103.5 *(continued)*			
End Of Boring @ -104.5'. Boring backfilled with cuttings. 517.50			
-120			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Geo Services, Inc.

ROCK CORE LOG

PAGE 1 of 2

DATE 12/4/2015

LOGGED BY JJ

GSI JOB No. 15084

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation

SECTION I-294 LOCATION NW 1/4, SEC. 34, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook CORING METHOD Rotary Wash

STRUCT. NO. TS20.71RNB&TS20.80RSB CORING BARREL TYPE & SIZE NX Double Swivel-10 ft

Station 5101+55.00 to 5101+00.00 Core Diameter 2.0 in

BORING NO. 4221-BSB-002 Top of Rock Elev. 538.6

Northing 1850869.7 Begin Core Elev. 537.6

Easting 1115242.6

Ground Surface Elev. 622.0

DEPTH (ft)	CORE RUN (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
SILURIAN SYSTEM, NIAGARAN SERIES DOLOMITE RUN 1 (-84.5' to -94.5') Light gray & fine grained with horizontal bedding, becoming mottled gray & porous @ -87.4'. Vertical fracture from -87.0' to -90.5'.	1	100.0	60.0	n/a	test @ -90.5'
-10					



Color pictures of the cores Yes Cores will be stored for examination for 5 years after construction.
The "Strength" column represents the unixial compressive strength of the core sample (ASTM D-2938)

DRAWN BY JTF DATE 01/29/2019
CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING

LHQ TREASURE PAYMENTS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO	DATE	DESCRIPTION
1	2/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
NOISE ABATEMENT WALL
SOIL BORINGS - 1E AND 1A

SHEET NO. SI - 10F
DRAWING NO. 1389F OF 1650

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 1 of 2

Date 9/13/17

ISTHA Contract: RR-14-4221, I-294 Mile Long

ROUTE Tri-State Tollway I-294 DESCRIPTION Bridge Rehabilitation/Reconstruction LOGGED BY MM

SECTION I-294 LOCATION SW 1/4, SEC. 27, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. No. 191 & No. 192
Station 5114+47.79 to 5162+72.15

BORING NO. 4221-BSB-085
Station 5113+66
Offset 134.40ft Right
Ground Surface Elev. 594.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 584.5 ft
Upon Completion n/a ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL-black			
	2		18
	1	1.5	33
	2	P	
591.00			
SILTY CLAY-brown, gray & spotted black-stiff to very stiff			
	2		
	3	3.5	24
	3	P	
	2		
	2	1.8	24
	4	P	
586.00			
CLAY-gray-hard			
	5		
	6	4.0	18
	9	B	
583.50			
SAND & GRAVEL-gray-medium dense to very dense			
	22		
	15		7
	14		
	4		
	50/3"		7
	3		
	23		7
	27		
	8		
	30		16
	25		
SAND & GRAVEL-gray-medium dense to very dense *(continued)*			
	13		
	32		7
	24		
571.00			
FRACTURED ROCK-gray-very dense			
	6		
Drillers Observation: Cobbles and Boulders	40		6
	50/3"		
568.50			
SAND-gray-dense			
	15		
	21		16
	32		
	16		
	30		17
	29		
562.00			
	30		
	50/1"		10
	50/1"		17

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 1 of 1

Date 10/26/15

ISTHA Contract: RR-14-4221, I-294 Mile Long

ROUTE Tri-State Tollway I-294 DESCRIPTION Bridge Rehabilitation/Reconstruction LOGGED BY JJ

SECTION I-294 LOCATION NW 1/4, SEC. 34, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. No. 183 & No. 184
Station 7264+21.86 & 5104+36.19

BORING NO. 4221-RWB-023
Station 5103+45
Offset 111.80ft Right
Ground Surface Elev. 622.10 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry ft
Upon Completion Dry ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
7.0" ASPHALT			
621.52			
CRUSHED STONE-medium dense (Fill)			
	11		
	11		5
	6		
619.10			
CLAY to CLAY LOAM-brown & gray-medium stiff to hard (Fill)			
	5		
	5	0.8	19
	3	P	
	2		
	2	0.8	21
	2	P	
	7		
	7	5.0	15
	9	B	
	50/3"		NR
	6		
	8	2.8	20
	10	B	
	2		
	4	4.5	18
	6	P	
	4		
	5	2.2	20
	8	B	
CLAY to CLAY LOAM-brown & gray-medium stiff to hard (Fill) *(continued)*			
	4		
	5	1.6	22
	6	B	
	5		
	5	1.2	26
	6	B	
	4		
	5	1.1	23
	5	B	
	6		
	12	1.0	23
	15	B	
590.10			
CLAY LOAM-gray-very stiff			
	42		
	40	1.7	13
	50/4"	B	
	31		
End Of Boring @ 40.0'. Boring backfilled with cuttings	50/5"	3.8	12
582.10		B	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

DRAWN BY JTF DATE 01/29/2019
CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING

LHQ TREATIVE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

NO	DATE	REVISIONS DESCRIPTION
2	2/13/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
NOISE ABATEMENT WALL
SOIL BORINGS - 1E AND 1A

SHEET NO. SI – 10G
DRAWING NO. 1389G OF 1650

Geo Services, Inc.
Geotechnical Construction QA & Coal Engineering
800 Burlington Court, Suite 204
Naperville, Illinois 60563
(630) 355-0340

GSI Job No. 15064

SOIL BORING LOG

Page 1 of 2

Date 8/30/17

ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction

ROUTE Tri-State Tollway I-294 DESCRIPTION LOGGED BY TC

SECTION I-294 LOCATION SW 1/4, SEC. 27, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE Diedrich Automatic

STRUCT. NO. Noise Abatement Wall 1D
Station 7208+30 to 1212+60

BORING NO. 4221-RWB-054
Station 5107+94
Offset 172.30ft Right
Ground Surface Elev. 600.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 15.0' ft
Upon Completion n/a ft
After ___ Hrs. ___ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
600.75			
3.0" TOPSOIL-dark brown			
CLAY LOAM-dark brown hard (Fill)	11		16
	12	4.5	9
	13	P	
597.00			
SILTY SAND & GRAVEL-brown-dense	10		
	19		2
-5	24		
594.50			
SILTY LOAM-dark brown to brown-dense	12		
	16		14
	16		
	11		
	18		16
-10	20		
589.50			
SANDY LOAM-brown & gray-medium dense	12		
	14		15
	14		
587.00			
SAND-brown & gray-dense	7		
	14		13
-15	17		
becoming gray @ -15.5'			
	14		
	16		16
	18		
	15		
	16		16
-20	18		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SAND-brown & gray-dense *(continued)*	19		
	24		13
	25		
	16		
	16		16
-25	16		
574.50			
SILTY LOAM-gray-dense	34		
	26		16
	24		
572.00			
SAND & GRAVEL-gray-very dense	32		
	32		6
-30	36		
568.00			
GRAVEL-gray-very dense			
	22		
	50/5"		4
-35			
563.00			
SILTY SAND & GRAVEL-gray-very dense			
	37		
	50/1"		9
-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

SBS, from 137 (Rev. 8-99)

Geo Services, Inc.
Geotechnical Construction QA & Coal Engineering
800 Burlington Court, Suite 204
Naperville, Illinois 60563
(630) 355-0340

GSI Job No. 15064

SOIL BORING LOG

Page 2 of 2

Date 8/30/17

ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction

ROUTE Tri-State Tollway I-294 DESCRIPTION LOGGED BY TC

SECTION I-294 LOCATION SW 1/4, SEC. 27, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE Diedrich Automatic

STRUCT. NO. Noise Abatement Wall 1D
Station 7208+30 to 1212+60

BORING NO. 4221-RWB-054
Station 5107+94
Offset 172.30ft Right
Ground Surface Elev. 600.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 15.0' ft
Upon Completion n/a ft
After ___ Hrs. ___ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SILTY SAND & GRAVEL-gray-very dense *(continued)*			
556.00			
CLAY-gray-very stiff			
	27		
	41	2.5	20
-45	50/4"	P	
553.00			
CLAY LOAM with Fractured Rock-gray-very dense			
	50/4"		
			11
-50			
548.00			
FRACTURED ROCK-gray-very dense			
	50/2"		
			6
-55			
544.00			
Drillers Observation: Apparent bedrock			
End Of Boring @ -58.0'. Boring backfilled with cuttings			
542.00			
-60			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

SBS, from 137 (Rev. 8-99)

DRAWN BY JTF DATE 01/29/2019
CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING

LHQ TRI-STATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

NO.	DATE	DESCRIPTION
2	2/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
NOISE ABATEMENT WALL
SOIL BORINGS - 1C AND 1D

SHEET NO. SI – 10H
DRAWING NO. 1389H OF 1650

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
822 Burnett Court, Suite 204
Naperville, Illinois 60563
(630) 355-5868

GSI Job No. 15064

SOIL BORING LOG

Page 1 of 2

Date 8/29/17

ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction

ROUTE Tri-State Tollway I-294 DESCRIPTION Bridge Rehabilitation/Reconstruction LOGGED BY TC

SECTION I-294 LOCATION SW 1/4, SEC. 27, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE Diedrich Automatic

STRUCT. NO. Noise Abatement Wall 1D
Station 7208+30 to 1212+80

BORING NO. 4221-RWB-055
Station 5108+42
Offset 172.20ft Right
Ground Surface Elev. 597.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 585.0 ft
Upon Completion n/a ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
7 (7" TOPSOIL-black 596.42			
CLAY LOAM with Stone-brown-hard (Fill)	1		15
	25	4.5	12
	33	p	
	12		
	26	4.5	8
591.50	28	p	
SAND & GRAVEL-brown-medium dense (Fill)	4		
	6		6
589.00	6		
SANDY CLAY LOAM with Gravel-dark brown-loose (Fill)	4		
	3		9
586.50	3		
SANDY CLAY LOAM-dark brown-very loose (Fill)	7		
	1		11
584.00	1		
SAND-brown-medium dense	9		
	12		20
	13		
becoming gray @ -15.5'	11		
	12		18
579.00	13		
SANDY LOAM-gray-dense	12		
	16		17
	18		
SANDY LOAM-gray-dense *(continued)*	14		
	16		17
574.00	18		
SAND-gray-dense	14		
	17		19
571.50	21		
SILTY LOAM to LOAM-gray-medium dense to dense	19		
	19		20
	20		
	12		
	15		21
	37		
565.00			
SILTY SAND, GRAVEL & FRACTURED ROCK-gray-very dense			
	18		
	31		7
	40		
	50/3"		15

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
822 Burnett Court, Suite 204
Naperville, Illinois 60563
(630) 355-5868

GSI Job No. 15064

SOIL BORING LOG

Page 2 of 2

Date 8/29/17

ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction

ROUTE Tri-State Tollway I-294 DESCRIPTION Bridge Rehabilitation/Reconstruction LOGGED BY TC

SECTION I-294 LOCATION SW 1/4, SEC. 27, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE Diedrich Automatic

STRUCT. NO. Noise Abatement Wall 1D
Station 7208+30 to 1212+80

BORING NO. 4221-RWB-055
Station 5108+42
Offset 172.20ft Right
Ground Surface Elev. 597.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 585.0 ft
Upon Completion n/a ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SILTY SAND, GRAVEL & FRACTURED ROCK-gray-very dense *(continued)*			
	50/2"		10
550.00	48		
GRAVEL & FRACTURED ROCK-gray-very dense			
	50/1"		5
	50		
	50/1"		4
	54		
540.50			
Drillers Observation: Apparent bedrock.			
End Of Boring @ -58.5'. Boring backfilled with cuttings. 538.50	60		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

DRAWN BY JTF DATE 01/29/2019
CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING

LHQ TRI-STATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

NO	DATE	REVISIONS DESCRIPTION
2	2/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
NOISE ABATEMENT WALL
SOIL BORINGS - 1C AND 1D

SHEET NO. SI – 10I
DRAWING NO. 13891 OF 1650

Geo Services, Inc.
Geotechnical Environmental & Civil Engineering
805 Brewster Creek, Suite 204
Naperville, Illinois 60565
(630) 355-5545

GSI Job No. 15054

SOIL BORING LOG

Page 1 of 2

Date 8/28/17

ISTHA Contract: RR-14-4221, I-294 Mile Long

ROUTE Tri-State Tollway I-294 DESCRIPTION Bridge Rehabilitation/Reconstruction LOGGED BY TC

SECTION I-294 LOCATION SW 1/4, SEC. 27, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE Diedrich Automatic

STRUCT. NO. TS20.90RNB & TS20.88RSB
Station 5114+64.08 to 5110+72.72

BORING NO. 4221-RWB-056
Station 5108+91
Offset 171.20ft Right
Ground Surface Elev. 597.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 586.0 ft
Upon Completion n/a ft
After ___ Hrs. ___ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
3.0" TOPSOIL -dark brown 596.75			
SILTY SAND & GRAVEL -dark brown-medium dense (Fill)	13		16
	19		15
	10		
594.00			
SAND-brown-loose to medium dense (A-2-4)	4		
	4		4
-5	3		
	6		
	11		4
	11		
	11		
	14		8
-10	14		
	6		
	12		17
	13		
becoming gray @ -13.0'			
	7		
	11		18
-18	11		
581.50			
SILTY SAND-gray-dense	16		
	16		19
	17		
579.00			
SAND-gray-dense	13		
	15		19
-26	15		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SAND-gray-dense (continued) 576.50			
SILTY LOAM-gray-dense	14		
	15		17
574.00	16		
FRACTURED ROCK-gray-very dense	14		
	34		5
-26	40		
571.50			
CLAY-gray-very stiff	13		
	16	2.4	18
	24	B	
	13		
	20	3.5	21
-30	29	B	
565.00			
SANDY LOAM-gray-dense			
	24		
	21		10
-35	24		
560.00			
FRACTURED ROCK & GRAVEL-gray-very dense			
	50/2"		6
-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

SBS, from 137 (Rev. 8-99)

Geo Services, Inc.
Geotechnical Environmental & Civil Engineering
805 Brewster Creek, Suite 204
Naperville, Illinois 60565
(630) 355-5545

GSI Job No. 15054

SOIL BORING LOG

Page 2 of 2

Date 8/28/17

ISTHA Contract: RR-14-4221, I-294 Mile Long

ROUTE Tri-State Tollway I-294 DESCRIPTION Bridge Rehabilitation/Reconstruction LOGGED BY TC

SECTION I-294 LOCATION SW 1/4, SEC. 27, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE Diedrich Automatic

STRUCT. NO. TS20.90RNB & TS20.88RSB
Station 5114+64.08 to 5110+72.72

BORING NO. 4221-RWB-056
Station 5108+91
Offset 171.20ft Right
Ground Surface Elev. 597.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 586.0 ft
Upon Completion n/a ft
After ___ Hrs. ___ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
FRACTURED ROCK & GRAVEL-gray-very dense (continued)			
556.00			
CLAYEY SAND, GRAVEL & FRACTURED ROCK-gray-very dense			
	50/5"		
-48			12
Drillers Observation: Boulders from -46.5' to -48.0'			
549.00			
FRACTURED ROCK-gray-very dense			
	50/2"		
-58			5
Drillers Observation: Apparent bedrock 544.50			
	50/0"		
End Of Boring @ -55.5'. Boring backfilled with cuttings. 542.00 -55			NR
-60			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

SBS, from 137 (Rev. 8-99)

DRAWN BY JTF DATE 01/29/2019
CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING

LHQ Creative Partners

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE, ILLINOIS 60515

NO	DATE	REVISIONS DESCRIPTION
1	2/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
NOISE ABATEMENT WALL
SOIL BORINGS - 1C AND 1D

SHEET NO. SI – 10J
DRAWING NO. 1389J OF 1650

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 1 of 2

Date 8/25/17

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction LOGGED BY TC

SECTION I-294 LOCATION SW 1/4, SEC. 27, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE Diedrich Automatic

STRUCT. NO. Noise Abatement Wall 1D
Station 7208+30 to 1212+80

BORING NO. 4221-RWB-057
Station 5109+40
Offset 169.60ft Right
Ground Surface Elev. 597.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 584.0 ft
Upon Completion n/a ft
After ___ Hrs. ___ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Soil Description
596.67				4.0" TOPSOIL-black
	8		16	CLAY LOAM-dark brown to black-medium dense (Fill)
	7		16	
594.00	13			
	13			SILTY SAND & GRAVEL-brown-dense (Apparent Fill)
	17		4	
591.50	17			
				GRAVEL-gray-dense
	5			
	10		2	
589.00	14			
				SAND-brown-medium dense to dense
	15			
	15		5	
	17			
	5			
	9		10	
	13			
	10			
	13		211	
	17			
				becoming gray @ -15.5'
	12			
	14		15	
	16			
	14			
	17		15	
	17			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Soil Description
576.50				SILTY SAND-gray-dense
	17			
	21		18	
574.00	26			
				CLAY-gray-very stiff
	12			
	16		19	
	24			
	11			
	17	3.7	19	
569.00	26	8		
				CLAY LOAM-gray-very stiff
	24			
	25	3.2	17	
	31	8		
565.00				
				SAND & GRAVEL-gray-dense
	19			
	19		14	
561.50	31			
560.50				Drillers Observation: Cobbles & boulders
				SILTY SAND, GRAVEL & FRACTURED ROCK-gray-very dense
	50/4"			
			8	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-98)

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 2 of 2

Date 8/25/17

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction LOGGED BY TC

SECTION I-294 LOCATION SW 1/4, SEC. 27, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE Diedrich Automatic

STRUCT. NO. Noise Abatement Wall 1D
Station 7208+30 to 1212+80

BORING NO. 4221-RWB-057
Station 5109+40
Offset 169.60ft Right
Ground Surface Elev. 597.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 584.0 ft
Upon Completion n/a ft
After ___ Hrs. ___ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Soil Description
				SILTY SAND, GRAVEL & FRACTURED ROCK-gray-very dense (continued)
	50/5"		12	
550.00				
				SAND-gray-very dense
	28			
	32		14	
	33			
545.00				
				Drillers Observation: Apparent bedrock
	50/0"			
542.50			NR	End Of Boring @ 54.5'. Boring backfilled with cuttings.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-98)

DRAWN BY JTF DATE 01/29/2019
CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING

LHQ THE LEVEE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION
2	2/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
NOISE ABATEMENT WALL
SOIL BORINGS - 1C AND 1D

SHEET NO. SI – 10K
DRAWING NO. 1389K OF 1650

Geo Services, Inc.
Geotechnical Environmental & Civil Engineering
825 Bonnie Court, Suite 104
Naperville, Illinois 60563
(630) 355-2500

GSI Job No. 15064

SOIL BORING LOG

Page 1 of 2

Date 8/24/17

ISTHA Contract: RR-14-4221, I-294 Mile Long

ROUTE Tri-State Tollway I-294 DESCRIPTION Bridge Rehabilitation/Reconstruction LOGGED BY TC

SECTION I-294 LOCATION SW 1/4, SEC. 27, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE Diedrich Automatic

STRUCT. NO. Noise Abatement Wall 1D
Station 7208+30 to 1212+80

BORING NO. 4221-RWB-058
Station 5109+88
Offset 158.00ft (Right)
Ground Surface Elev. 598.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 15.0' ft
Upon Completion n/a ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material Description
				3.0" TOPSOIL-dark brown 597.75
			14	CLAY LOAM-dark brown-hard (Fill)
	6			
	9	4.5 P	15	
	12			
	11			
	12	4.5 P	13	
-5	11			
	9			
	50/2"	4.5 P	14	
	9			
	12	7.7 S	14	
-10	12			
				SAND with Gravel-brown-dense 587.50
	9			
	13		8	
	22			
				SILT-gray-dense to very dense 585.00
	12			
	28		18	
-15	26			
	29			
	27		17	
	32			
	15			
	22		17	
-20	23			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material Description
				SILT-gray-dense to very dense 577.50 (continued)
				SANDY LOAM-gray-medium dense
	14			
	14		23	
				575.00
				CLAY-gray-hard
	8			
	13	5.3 B	19	
-25	13			
	12			
	17	4.7 B	19	
	24			
				570.00
				SILTY LOAM-gray-very dense
	21			
	25		14	
-30	32			
				566.00
				CLAYEY SAND & GRAVEL-gray-very dense
				50/4"
			15	
-35				
				561.00
				FRACTURED ROCK & GRAVEL-gray-very dense
				50/1"
			3	
-40				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Geo Services, Inc.
Geotechnical Environmental & Civil Engineering
825 Bonnie Court, Suite 104
Naperville, Illinois 60563
(630) 355-2500

GSI Job No. 15064

SOIL BORING LOG

Page 2 of 2

Date 8/24/17

ISTHA Contract: RR-14-4221, I-294 Mile Long

ROUTE Tri-State Tollway I-294 DESCRIPTION Bridge Rehabilitation/Reconstruction LOGGED BY TC

SECTION I-294 LOCATION SW 1/4, SEC. 27, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE Diedrich Automatic

STRUCT. NO. Noise Abatement Wall 1D
Station 7208+30 to 1212+80

BORING NO. 4221-RWB-058
Station 5109+88
Offset 158.00ft (Right)
Ground Surface Elev. 598.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 15.0' ft
Upon Completion n/a ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material Description
				FRACTURED ROCK & GRAVEL-gray-very dense (continued)
				566.00
				GRAVEL-gray-very dense
	50/3"			
			4	
-45				
				551.00
				SILTY SAND, GRAVEL & FRACTURED ROCK gray very dense
	50/4"			
			10	
-50				
				544.00
	50/0"			
			NR	Drillers Observation: Apparent Bedrock
-55				
				End Of Boring @ -56.0'. Boring backfilled with cuttings. 542.00
-60				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

FILE NAME: • path\bottom-to-top\drawing.dwg PLOT SCALE = 0.667 ' / in. PLOT DATE = 1/29/19 PLOT BY = USER

DRAWN BY	JTF	DATE	01/29/2019
CHECKED BY	AJN	DATE	01/29/2019

Bowman CONSULTING
LHQ TRISTATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 QGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION
1	2/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430

NOISE ABATEMENT WALL
SOIL BORINGS - 1C AND 1D

SHEET NO. SI – 10L
DRAWING NO. 1389L or 1650

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 1 of 2

Date 8/22/17

ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction

ROUTE Tri-State Tollway I-294 DESCRIPTION LOGGED BY MM

SECTION I-294 LOCATION SW 1/4, SEC. 27, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE CME Automatic

STRUCT. NO. TS20.90RNB & TS20.88RSB
Station 5114+64.08 to 5110+72.72

BORING NO. 4221-RWB-059
Station 5110+37
Offset 156.10ft (Right)
Ground Surface Elev. 595.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
12.0" TOPSOIL			
586.00			42
CLAY LOAM-brown & gray spotted black-hard (Fill)	7		
	7	4.5	12
	8	P	
	5		
	6	4.5	15
	8	B	
	3		
	6	4.5	17
	8	P	
581.00			
CLAY LOAM with Silt Streaks-brown & gray-hard	4		
	7	4.5	18
	10	P	
588.50			
SANDY CLAY LOAM-brown & gray-dense	6		
	9		26
	27		
586.00			
SILTY SAND & GRAVEL-brown & gray-very dense	30		
	37		12
	44		
583.50			
SAND & GRAVEL-brown & gray-very dense	12		
	30		7
	30		
581.00			
GRAVEL-brown & gray-very dense	15		
	50/5"		5
-35			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
GRAVEL-brown & gray-very dense (continued)			
577.50			
CLAY-gray-hard	12		
	19		21
	28		
	10		
	21	5.3	18
-35	35	B	
573.50			
CLAY LOAM with Sand Seams-gray-very dense	13		
	31		13
	50/4"		
570.00			
SAND-gray-very dense	21		
	26		18
-38	41		
567.00			
GRAVEL-gray-very dense			
	50/5"		4
-38			
-40			
	50/5"		5
-45			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 2 of 2

Date 8/22/17

ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction

ROUTE Tri-State Tollway I-294 DESCRIPTION LOGGED BY MM

SECTION I-294 LOCATION SW 1/4, SEC. 27, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE CME Automatic

STRUCT. NO. TS20.90RNB & TS20.88RSB
Station 5114+64.08 to 5110+72.72

BORING NO. 4221-RWB-059
Station 5110+37
Offset 156.10ft (Right)
Ground Surface Elev. 599.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry to 10.0' ft
Upon Completion n/a ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
GRAVEL-gray-very dense (continued)			
	50/4"		
-45			5
	16		
	50/3"		6
-55			
547.00			
FRACTURED ROCK-gray-very dense			
	50/5"		8
-58			
543.00			
Drillers Observation: Apparent Bedrock			
541.00			
End Of Boring @ -58.0'. Boring backfilled with cuttings.			
-60			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

DRAWN BY JTF DATE 01/29/2019
CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING

LHQ TRI-STATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE, ILLINOIS 60515

REVISIONS		
NO	DATE	DESCRIPTION
2	2/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
NOISE ABATEMENT WALL
SOIL BORINGS - 1C AND 1D

SHEET NO.
SI - 10M
DRAWING NO.
1389M or 1650

Geo Services, Inc.

GSI Job No. 16050

SOIL BORING LOG

Page 1 of 1

Date 3/31/16

ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction

ROUTE Tri-State Tollway I-294 DESCRIPTION LOGGED BY RT

SECTION I-294 LOCATION NW 1/4, SEC. 28, TWP. 138N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Noise Abatement Wall 1D
Station 7208+50 to 7212+80

BORING NO. 4Z21-DH8-006
Station 1112+55
Offset 214.30ft Right
Ground Surface Elev. 508.30 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 589.3 ft ▽
Upon Completion 589.3 ft ▽
After 24 Hrs. 592.3 ft ▽

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SILTY LOAM-black-stiff (A-7)			
			26
	2		
	3	1.8	24
505.30	3	P	
SILTY LOAM-brown & gray-stiff to hard (A-6)			
	4		
	7	4.5	16
-5	7	B	
	4		
	4	1.9	20
	7	B	
	2		
	4	2.5	19
-15	5	B	
	3		
	3	1.8	18
	6	B	
	3		
	5	3.2	18
-25	7	B	
582.80			
LOAM-black-stiff (A-7) ▽			
	4		
	7	1.8	36
590.30	13	P	
SANDY LOAM-brown-dense to very dense (A-2-4)			
	18		
	34		13
▽ -28	37		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SANDY LOAM-brown-dense to very dense (A-2-4) *(continued)*			
	50/4"		
			11
	28		
	22		8
-35	23		
582.80			
SANDY LOAM-brown & gray-medium dense to very dense			
	8		
	11		16
	15		
	13		
	39		17
-45 578.30	50/3"		
End Of Boring @ -30.0'. Boring backfilled with cuttings.			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

DRAWN BY JTF DATE 01/29/2019
CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING

LHQ TRI-STATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE, ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION
2	2/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
NOISE ABATEMENT WALL
SOIL BORINGS - 1C AND 1D

SHEET NO. SI – 10N
DRAWING NO. 1389N OF 1650

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 1 of 2

Date 9/13/17

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction LOGGED BY MM

SECTION I-294 LOCATION SW 1/4, SEC. 27, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. No. 191 & No. 192
Station 5114+47.79 to 5162+72.13

BORING NO. 4721-BSB-085
Station 5113+66
Offset 134.40ft Right
Ground Surface Elev. 594.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 584.5 ft
Upon Completion n/a ft
After ___ Hrs. ___ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL-black			18	SAND & GRAVEL-gray-medium dense to very dense *(continued)*	13		
	2				32		7
	1	1.5	33		24		
591.00	2	P		571.00 FRACTURED ROCK-gray-very dense			
SILTY CLAY-brown, gray & spotted black-stiff to very stiff	2				8		
	3	3.5	24	Drillers Observation: Cobbles and Boulders	40		5
-5	3	P			50/3"		
				568.50 SAND-gray-dense			
	2				15		
	2	1.8	24		21		16
586.00	4	P			32		
CLAY-gray-hard					16		
	5				30		17
	6	4.0	18		29		
-10	9	B		-30			
580.50							
SAND & GRAVEL-gray-medium dense to very dense	22						
	15		7				
	14			562.00			
					30		
	4						
	50/3"		7		50/1"		10
-15				-35			
	3						
	23		7				
	27						
	8				50/1"		
	30		16				17
-20	25			-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 2 of 2

Date 9/13/17

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction LOGGED BY MM

SECTION I-294 LOCATION SW 1/4, SEC. 27, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. No. 191 & No. 192
Station 5114+47.79 to 5162+72.13

BORING NO. 4721-BSB-085
Station 5113+66
Offset 134.40ft Right
Ground Surface Elev. 594.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 584.5 ft
Upon Completion n/a ft
After ___ Hrs. ___ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Drillers Observation: Cobbles and Boulders *(continued)* GRAVEL with SAND-gray-very dense *(continued)*			
549.50			
End Of Boring @ 44.5'. Boring backfilled with cuttings.			
-45			
-50			
-55			
-60			
-65			

Borehole continued with rock

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

DRAWN BY JTF DATE 01/29/2019
CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING

LHQ TRISTATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION
2	2/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
NOISE ABATEMENT WALL
SOIL BORINGS - 1C AND 1D

SHEET NO. SI - 100
DRAWING NO. 13890 OF 1650

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 1 of 1

Date 12/14/17

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction LOGGED BY TZ

SECTION I-294 LOCATION NW 1/4, SEC. 28, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. 4221-CB-007
Station 5170+73
Offset 186.108 Right
Ground Surface Elev. 613.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encountar 594.5 ft
Upon Completion n/a ft
After ___ Hrs. ___ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
4.0" CONCRETE 612.67			
SANDY CLAY LOAM with GRAVEL-dark brown-soft (Fill)			10
	5		
	19	1.8	12
	24	P	
610.00			
CLAYEY SAND & GRAVEL-dark brown to brown-medium dense			
	5		
	5		13
	6		
	5		
	7		10
	8		
605.00			
SILTY SAND, GRAVEL & FRACTURED ROCK-gray-dense	7		
	15		24
	28		
602.50			
FRACTURED ROCK & GRAVEL-gray-dense to very dense	19		
	20		5
	11		
Drillers Observation: Void from -13.5' to -14.0'	50/1"		2
	NR		NR
595.00			
CLAYEY SAND & GRAVEL & FRACTURED ROCK-gray-medium dense	11		
	13		9
	15		

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
592.50			
SAND, GRAVEL & FRACTURED ROCK-gray-medium dense	48		
	10		10
	6		
590.00			
CLAYEY SAND, GRAVEL & FRACTURED ROCK-gray-medium dense	9		
	7		8
	8		
	11		
586.00	26		9
FRACTURED ROCK-gray-very dense	50/3"		
584.00	50/3"		5
Drillers Observation: Apparent bedrock			
582.00			
Borehole continued with rock coring			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 6-99)

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 1 of 1

Date 12/18/17

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction LOGGED BY RT

SECTION I-294 LOCATION NW 1/4, SEC. 28, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger/ Mud Rotary HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. 4221-CB-008
Station 5171+31
Offset 186.708 Right
Ground Surface Elev. 619.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encountar 617.0 ft
Upon Completion n/a ft
After ___ Hrs. ___ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
4.0" CONCRETE 614.67			
SANDY CLAY LOAM with GRAVEL-dark brown-medium dense (Fill)			16
	2		
	3		19
	7		
610.00			
CLAYEY SAND & GRAVEL-dark brown-loose (Fill)	6		
	5		11
	4		
603.50			
SILTY SAND with GRAVEL-dark gray-medium dense (Fill)	4		
	4		11
	5		
611.00			
CLAYEY SAND & GRAVEL-dark brown-dense (Fill)	15		
	33		18
	9		
608.50			
GRAVEL with SAND-brown-medium dense (Fill)	10		
	8		12
	7		
606.00			
SILTY SAND with GRAVEL-dark brown & gray-medium dense (Fill)	13		
	11		11
	6		
603.50			
SAND & GRAVEL-gray-medium dense to very dense	6		
	6		9
	9		
	17		
	30		12
	38		

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
SAND & GRAVEL-gray-medium dense to very dense (continued)	18		
	50/5"		9
595.00			
CLAYEY SAND, GRAVEL & FRACTURED ROCK-gray-medium dense to very dense	14		
	12		7
	9		
	50/5"		
592.00			12
Drillers Observation: Possible bedrock			
590.50			
End Of Boring @ 28.5'. Boring backfilled with cuttings.			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 6-99)

DRAWN BY JTF DATE 01/29/2019
CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING

LHQ THE STATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO	DATE	DESCRIPTION
2	2/15/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
NOISE ABATEMENT WALL
SOIL BORINGS - 3A, 3B AND 3C

SHEET NO. SI – 10P
DRAWING NO. 1389P OF 1650

Geo Services, Inc.

GSI Job No. 15054

SOIL BORING LOG

Page 1 of 1

Date 12/19/17

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction LOGGED BY RT

SECTION I-294 LOCATION NW 1/4, SEC. 28, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4221-CB-009
Station 5171+83
Offset 159.40ft Right
Ground Surface Elev. 617.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 611.0 ft ▼
Upon Completion _____ ft
After ____ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	DESCRIPTION	ELEV.
0				4.0" CONCRETE	616.97
				SANDY CLAY LOAM-dark brown (Fill)	616.00
	4		26		
	4		14	CLAYEY SAND-brown & gray-loose to medium dense	
	6				
	3				
	2		16		
	3				
					611.50
	8			CLAYEY SAND & GRAVEL-brown & gray-medium dense	
	11		9		
	9				609.00
	5			CLAYEY SAND-brown & gray-medium dense	
	5		16		
	6				
	5				
	6		17		
	9				604.00
	3			SILTY SAND-gray-loose	
	3		24		
	6				601.50
	2			SAND & GRAVEL-gray-medium dense	
	5		12		
	9				
	5				
	8		13		
	13				596.50
	5			SAND-gray-medium dense	
	6		24		
	5				594.00
	9			SAND & GRAVEL-gray-medium dense	
	11		5		
	14				591.50
	11			GRAVEL-gray-medium dense	
	4		4		
	7				589.00
	9			SILTY SAND, GRAVEL & FRACTURED ROCK-gray-dense	
	19		8		
	13				586.00
				Drillers Observation: Possible bedrock	
	50/0.5'		4		583.50
				Auger refusal @ -33.5'. End of boring. Boring backfilled with cuttings.	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Geo Services, Inc.

GSI Job No. 15054

SOIL BORING LOG

Page 1 of 1

Date 12/19/17

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction LOGGED BY RT

SECTION I-294 LOCATION NW 1/4, SEC. 28, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4221-CB-010
Station 5172+47
Offset 152.10ft Right
Ground Surface Elev. 618.40 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 605.4 ft ▼
Upon Completion _____ ft
After ____ Hrs. _____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	DESCRIPTION	ELEV.
0				4.0" CONCRETE	618.07
	2		14	SANDY CLAY LOAM with Gravel--dark brown & gray-medium dense (Fill)	
	13		18		
	15				615.40
	4			SILTY SAND & GRAVEL-brown & gray-medium dense	
	5		12		
	6				
	4				
	7		12		
	8				610.40
	4			SILTY SAND-dark brown & gray-medium dense	
	4		15		
	5				607.90
	3			SILTY SAND & GRAVEL-brown-loose to medium dense	
	3		17		
	4				
	4				604.40
	5		17	Drillers Observation: Possible bedrock	
	8				602.90
				Auger refusal @ -34.0'. End of boring. Boring backfilled with cuttings.	
	8			SANDY LOAM-gray-medium dense	
	5		19		
	5				600.40
	3			SILTY LOAM-gray-medium dense	
	3		20		
	9				
				SILTY LOAM-gray-medium dense (continued)	597.90
	2			FRACTURED ROCK & GRAVEL-brown & gray-medium dense to very dense	
	15				
	7		7		
	9				
	21				
	26		4		
	17				
	50/3"		6		
				SILTY SAND, GRAVEL & FRACTURED ROCK-brown-dense to very dense	590.40
	27				
	50		9		
	32				
	39				
	50/0"		8	Drillers Observation: Possible bedrock	
				Auger refusal @ -34.0'. End of boring. Boring backfilled with cuttings.	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

DRAWN BY JTF DATE 01/29/2019
CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING

LHQ

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION
1	2/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
NOISE ABATEMENT WALL
SOIL BORINGS - 3A, 3B AND 3C

SHEET NO. SI - 10Q
DRAWING NO. 1389Q of 1650

Geo Services, Inc.

SOIL BORING LOG

GSI Job No. 15054
Page 1 of 1
Date 12/20/17

ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction

ROUTE Tri-State Tollway I-294 DESCRIPTION LOGGED BY RT
SECTION I-294 LOCATION NW 1/4, SEC. 28, TWP. 138N, RNG. R12E, 3rd PM
COUNTY Cook DRILLING METHOD Hollow Stem Auger/Mud Rotary HAMMER TYPE Kodrich Automatic Automatic

STRUCT. NO.
Station

BORING NO. 4221-CB-011
Station 5173+12
Offset 142.00ft Right
Ground Surface Elev. 620.29 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 606.2 ft
Upon Completion n/a ft
After ___ Hrs. ___ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
4.0" CONCRETE 619.87			
CLAY LOAM with Stone-dark brown spotted black-medium dense (Fill)	3		18
	6		14
	8		
617.29			
CLAYEY SAND & GRAVEL-brown-medium dense (Fill)	3		
	5		10
	8		
	6		
	6		10
	7		
612.29			
SANDY CLAY LOAM with Gravel-dark brown-loose	4		
	4		13
	4		
608.70			
GRAVEL, gray-dense	14		
	50/5"		10
607.29			
SILTY SAND & GRAVEL-gray-very dense	50/4"		6
604.79			
SAND-brown-medium dense	4		
	7		21
	11		
602.29			
SAND, GRAVEL & FRACTURED ROCK-gray-medium dense to dense	50/4"		4

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SAND, GRAVEL & FRACTURED ROCK-gray-medium dense to dense (continued)	40		
	44		7
	7		
	20		
	7		6
594.70	19		
SILTY SAND, GRAVEL & FRACTURED ROCK-gray-dense to very dense	39		
	33		8
	28		
	12		
	19		6
	19		
586.20			
FRACTURED ROCK-gray-very dense	50/1"		
587.20			
RUN 1(-33.0' to -38.0') SILURIAN SYSTEM, NIAGARAN SERIES DOLOMITE Light gray mottled gray & fine grained with horizontal bedding. Weathered fractured @ -35.0'. Some horizontal fractures throughout.			1
End Of Boring @ -38.0'. Boring backfilled with cuttings. 582.20			
Borehole continued with rock			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-85)

Geo Services, Inc.

SOIL BORING LOG

GSI Job No. 15054
Page 1 of 1
Date 12/19/17

ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction

ROUTE Tri-State Tollway I-294 DESCRIPTION LOGGED BY RT
SECTION I-294 LOCATION NW 1/4, SEC. 28, TWP. 138N, RNG. R12E, 3rd PM
COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. 4221-CB-012
Station 5173+76
Offset 132.30ft Right
Ground Surface Elev. 622.80 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 606.8 ft
Upon Completion 607.6 ft
After ___ Hrs. ___ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
4.0" CONCRETE 622.47			
SANDY CLAY LOAM-brown-very loose (Fill)	4		18
	3	4.0 P	14
	4		
619.80			
SAND-brown-medium dense to dense	3		
	5		6
	8		
	4		
	8		4
	8		
	4		
	5		4
	5		
	6		
	6		4
	9		
	5		
	17		7
	15		
607.30			
SANDY LOAM-brown-medium dense	12		
	14		23
	11		
604.80			
SAND-brown-medium dense	8		
	8		22
	11		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SAND-brown-medium dense (continued) 602.30			
SANDY LOAM-brown-medium dense	10		
	12		21
	16		
599.80			
SAND-brown-medium dense to very dense	7		
	7		22
	13		
597.30			
becoming gray @ -25.5'	50/5"		23
	50/4"		
	50/4"		24
	1		
	18		11
	21		
SILTY SAND, GRAVEL & FRACTURED ROCK-gray-dense	50/0"		NR
596.80			
Drillers Observation: Possible bedrock. Auger refusal @ -36.0'. End of boring. Boring backfilled with cuttings.			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

DRAWN BY JTF DATE 01/29/2019
CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING

LHQ Tri-State Partners

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE, ILLINOIS 60515

NO	DATE	REVISIONS DESCRIPTION
2	2/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
NOISE ABATEMENT WALL
SOIL BORINGS - 3A, 3B AND 3C

SHEET NO. SI – 10R
DRAWING NO. 1389R OF 1650

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 1 of 2

Date 12/20/17

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction LOGGED BY RT

SECTION I-294 LOCATION NW 1/4, SEC. 28, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4221-CB-013
Station 5174+51
Offset 143.70ft Right
Ground Surface Elev. 629.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 610.5 ft ▼
Upon Completion 614.0 ft ▽
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
629.67				4.0" CONCRETE
629.00	2		15	SILTY SAND, GRAVEL & STONE-dark brown (Fill)
	2	1.3 P	15	SANDY CLAY LOAM-brown very loose
626.00	3			CLAY-brown & gray-very stiff
	4	3.8 P	15	
623.50	4			SANDY CLAY LOAM-brown-medium dense
	6			
	6		15	
621.00	8			SILTY LOAM-gray-medium dense
	4			
	6		20	
618.50	6			SAND & GRAVEL-brown & gray-medium dense
	4			
	6		7	
	8			
	7			
	8		6	
613.50	10			GRAVEL-brown -medium dense
	7			
	11		5	
611.00	9			FRACTURED ROCK & GRAVEL-gray-medium dense
	7			
	8		6	
608.00	11			FRACTURED ROCK & GRAVEL-gray-medium dense *(continued)*
	6			
	8		4	
606.00	9			SILTY SAND, GRAVEL & FRACTURED ROCK-gray-medium dense to very dense
	6			
	5		10	
	7			
	3			
	4		9	
	7			
	4			
	5		6	
	8			
	50/3"		8	
590.50				Drillers Observation: Possible bedrock
	50/0"		NA	Auger refusal @ 38.5'. End of

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 2 of 2

Date 12/20/17

ROUTE Tri-State Tollway I-294 DESCRIPTION ISTHA Contract: RR-14-4221, I-294 Mile Long Bridge Rehabilitation/Reconstruction LOGGED BY RT

SECTION I-294 LOCATION NW 1/4, SEC. 28, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4221-CB-013
Station 5174+51
Offset 143.70ft Right
Ground Surface Elev. 629.00 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter 610.5 ft ▼
Upon Completion 614.0 ft ▽
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				boring. Boring backfilled with cuttings

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

DRAWN BY JTF DATE 01/29/2019
CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING

LHQ TRI-STATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION
2	2/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430

NOISE ABATEMENT WALL
SOIL BORINGS - 3A, 3B AND 3C

SHEET NO. SI – 10S

DRAWING NO. 13895 OF 1650

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 1 of 1

Date 12/4/17

ISTHA Contract: RR-14-4221, I-294 Mile Long

ROUTE Tri-State Tollway I-294 DESCRIPTION Bridge Rehabilitation/Reconstruction LOGGED BY TC

SECTION I-294 LOCATION NE 1/4, SEC. 29, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4221-SCB-047
Station 5175+15
Offset 131.10ft Right
Ground Surface Elev. 638.50 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry ft
Upon Completion Dry ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL-dark brown to black (Fill) 637.50	14		12
SANDY LOAM-brown & gray-very stiff (A-6) Fill	9 10	3.8 P	13
635.50 CLAY LOAM with Stone-brown & gray-very stiff (Fill)	6 16 25	3.8 P	14
	6 8 12	3.1 B	15
630.50 SILTY CLAY-gray-loose	4 4 5	4.5 P	14
627.00 SILTY SAND-brown-medium dense	4 7 20	5.8 B	17
	8		
End Of Boring @ -15.0'. Boring backfilled with cuttings. 623.50	11 14		2

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 9-99)

Geo Services, Inc.

GSI Job No. 15064

SOIL BORING LOG

Page 1 of 1

Date 1/9/18

ISTHA Contract: RR-14-4221, I-294 Mile Long

ROUTE Tri-State Tollway I-294 DESCRIPTION Bridge Rehabilitation/Reconstruction LOGGED BY RT

SECTION I-294 LOCATION NE 1/4, SEC. 29, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. 4221-SCB-051
Station 5181+50
Offset 111.80ft Right
Ground Surface Elev. 636.20 ft

Surface Water Elev. n/a ft
Stream Bed Elev. n/a ft

Groundwater Elev.:
First Encounter Dry ft
Upon Completion Dry ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
10.0" SANDY TOPSOIL-black 635.37			21
SILTY CLAY LOAM-brown & gray-hard	9 8 10	4.5 P	11
633.20 SAND-brown-medium dense	9 12 13		6
	5 8 10		3
	5 6 8		4
	5 9 9		5
623.20 SILTY LOAM-brown-medium dense	7 7 11		14
621.20 End Of Boring @ -15.0'. Boring backfilled with cuttings.			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 9-99)

DRAWN BY JTF DATE 01/29/2019
CHECKED BY AJN DATE 01/29/2019

Bowman CONSULTING

LHQ TRISTATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

NO	DATE	REVISIONS DESCRIPTION
2	2/19/2019	ADDENDUM NO. 2

CONTRACT NO. I-18-4430
NOISE ABATEMENT WALL
SOIL BORINGS - 3A, 3B AND 3C

SHEET NO. SI – 10T
DRAWING NO. 1389T OF 1650

Capital Program

SIGN-IN SHEET

PURPOSE/PROJECT #: I-18-4430 Optional Pre-Bid Meeting & Networking Event

MEETING DATE/TIME: February 14, 2019 / 1:00 PM – 3:00 PM

CHAIRPERSON: Mo Faraj / Gustavo Giraldo

LOCATION: Aramark Conference Center – Auditorium
2300 Warrenville Road, Downers Grove, IL 60515

ATTENDEES – Illinois Tollway

	Name	Title	Company/Organization	Phone Number	Email
1	Mo Faraj	Project Manager	Illinois Tollway	(630) 241-6800 ext. 4932	mfaraj@getipass.com
2	Mike Zorn	DSE	Lochner	(312) 994-9762	mzorn@hwlochner.com
3	Rick Cholewa	DSE	Lochner	(312) 994-9714	rcholewa@hwlochner.com
4	Lance Peterman	DSE	HDR	(773) 380-7940	Lance.Peterman@hdrinc.com
5	Jason Martin	DCM	SE3	(630) 641-9900	jmartin@se3.us
6	Mike Wiater	CCM PM	Omega	(630) 904-8899	mwiater@omegaassociates.com
7	Chris Kent	CCM	Omega	(312) 907-2252	ckent@omegaassociates.com
8	Richard Young	DCM PM	AECOM	(630) 657-6305	richard.young2@aecom.com
9	Michael Hanneman, P.E.	Senior Vice President	Bowman Consulting Group	(630) 878-2928	mhannemann@bowmancg.com
10	Jeffrey Druckman	Senior Vice President	Bowman Consulting Group	(773) 418-2872	jdruckman@bowmancg.com
11	Jayne Jackson	ConstructionWorks	Chicago Cook Workforce Partnership	(312) 758-5569	jjackson@workforceboard.org
12	Neda Sharp	Tollway Technical Assistance	ChicagoMSDC	(312) 755-2554	nsharp@chicagomsdc.org
13	Rhonda McGowan	Tollway Technical Assistance	Inner City Underwriting Agency	(312) 341-9080	rmcgowan@communityinscenter.net
14	Cynthia Stewart	Tollway Technical Assistance	Construction Business Development Center	(708) 709-3760	castewart@prairiestate.edu
15	Larry Bullock	Tollway Technical Assistance	USMCA	(847) 708-1597	larry.bullock@usminoritycontractors.org

Capital Program

SIGN-IN SHEET

PURPOSE/PROJECT #: I-18-4430 Optional Pre-Bid Meeting & Networking Event

MEETING DATE/TIME: February 14, 2019 / 1:00 PM – 3:00 PM

16	LaVerne Hall	Tollway Technical Assistance	CANDO Corporation	(312) 810-0883	Lhall@candocorp.net
17	Deavay Tyler	Tollway Technical Assistance	Illinois Black Chamber of Commerce	(708) 717-9419	dtyler@ilbcc.org
18	Matthew Cooper	Tollway Technical Assistance	Inner City Underwriting Agency	(312) 341-9080	mcooper@communityinscenter.net
19	Maximiliano Hernandez	Tollway Technical Assistance	Illinois Hispanic Chamber of Commerce	(312) 425-9500	mhernandez@ihccbusiness.net
20	LaTasha Binder	Tollway Technical Assistance	Construction Business Development Center	(815) 483-4384	lbinder@prairiestate.edu
21	Anton Wyler	Tollway Technical Assistance	Technical Assistance	(773) 984-2989	
22	David McGibbon	Engineering	Illinois Tollway	(630) 241-6800	dmcgibbon@getipass.com
23	Jeff Allen	Engineering	Illinois Tollway	(630) 241-6800	jallen@getipass.com
24	Lanyea Griffin	Engineering	Illinois Tollway	(630) 241-6800	lgriffin@getipass.com
25	Pete Foernssler	Engineering	Illinois Tollway	(630) 241-6800	pfoernssler@getipass.com
26	John Stevens	Engineering PMO	Illinois Tollway	(630) 241-6800	jstevens@getipass.com
27	Dan Gancarz	GEC	Illinois Tollway	(630) 241-6800	dgancarz@getipass.com
28	Rick Young	GEC	Illinois Tollway	(630) 241-6800	rjyoung@getipass.com
29	Gustavo Giraldo	Chief of Diversity and Strategic Development	Illinois Tollway	(630) 241-6800	ggiraldo@getipass.com
30	Paul Cerpa	Diversity	Illinois Tollway	(630) 241-6800	pcerpa@getipass.com
31	Marlene Vick	General Manager of Diversity	Illinois Tollway	(630) 241-6800	mvick@getipass.com
32	Kristen Bennett	Diversity	Illinois Tollway	(630) 241-6800	kbennett@getipass.com
33	Tracey Bailey	Diversity	Illinois Tollway	(630) 241-6800	tbailey@getipass.com
34	Deanna Dinkel	Diversity Consultant	Illinois Tollway	(630) 241-6800	ddinekl@getipass.com
35	Michelle Gross	Diversity Consultant	Illinois Tollway	(630) 241-6800	mgross@getipass.com
36	Angela Boyle	Diversity PMO	Illinois Tollway	(630) 241-6800	aboyle@getipass.com
37	Lynnette Robinson	Diversity PMO	Illinois Tollway	(630) 241-6800	lrobinson@getipass.com
38	Roderick Drew	Diversity PMO	Illinois Tollway	(630) 241-6800	rdrew@getipass.com
39	Lorena Ponce	Diversity PMO	Illinois Tollway	(630) 241-6800	lponce@getipass.com

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PURPOSE/PROJECT #: I-18-4430 Optional Pre-Bid Meeting & Networking Event

MEETING DATE/TIME: February 14, 2019 / 1:00 PM – 3:00 PM

40	Diana Hennington	Consultant	Illinois Tollway PMO	(219) 678-8190	Dhennington@comprehensivecc.com
41	Tanya Adams	Vice President	WSP	(312) 803-6543	tanya.adams@wsp.com
42	Val Schiop	PM	Abari Construction	(630) 437-1052	vschiop@abariconstruction.com
43	Adrian Caballero	President	AC Iron LLC	(708) 474-4766	adrian@ac-iron.com
44	PAUL KNUEPPEL	ESTIMATOR	AC Iron LLC	(708) 474-4766	adrian@ac-iron.com
45	Aziz Mirza, P.E.	Project Manager	Acura, Inc.	(630) 766-9979	amirza@acurainc.com
46	Dan Upton	Project Manager/Estimator	Aldridge	(847) 680-5200	dupton@aldridgegroup.com
47	John Corradetti	Lead Estimator	Aldridge	(847) 680-5200	jcorradetti@aldridgegroup.com
48	Tony Greco	General Operations Manager	Aldridge	(847) 680-5200	tgreco@aldridgegroup.com
49	Michael Toney		Aldridge Electric	(847) 247-5237	mtoney@aldridgegroup.com
50	Anne Laredo		ALF Cartage Inc.	(847) 288-0488	alfcartageinc@gmail.com
51	Jessie Arias	PRESIDENT	A-Masonry Group Inc	(708) 656-2400	yriley@amasonrygroup.com
52	Peter Gaitan	Owner/Operator	Architectural Deconstruction Inc	(773) 848-7283	Psgaitan@yahoo.com
53	Jose Suarez	Risk Management Consultant	Assurance	(312) 625-5581	jsuarez@assuranceagency.com
54	Billy Cleveland	Director of Ste Mgmt	Bill Welding & Fabrication, LLC.	(630) 914-0779	billwelderfabrication@outlook.com
55	Tyler James	Project Manager	Case Foundation Company	(630) 529-2911	twjames@casefoundation.com
56	Eric Brown	Director of Field Services	Chicago Testing Laboratory	(630) 405-6594	ebrown@chicagotestinglab.com
57	Michael Boyle	Vice President	Chicago Testing Laboratory Inc.	(708) 259-5452	mboyle@chicagotestinglab.com
58	Tim Seibt	Market Development Coordinator	Chicago Testing Laboratory Inc.	(708) 372-7883	tseibt@chicagotestinglab.com

Capital Program

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PURPOSE/PROJECT #: I-18-4430 Optional Pre-Bid Meeting & Networking Event

MEETING DATE/TIME: February 14, 2019 / 1:00 PM – 3:00 PM

59	Lisa Cockerham	HCCTP Director	City Colleges of Chicago-Dawson Technical Inst.	(773) 487-3692	lcockerham2@ccc.edu
60	Tyrone Cotton	Owner	Cotton Construction	(312) 428-8041	tyrncotton@aol.com
61	Andy Keenan	Sales	County Materials	(815) 341-2049	andy.keenan@countymaterials.com
62	Andy Balhe	PM	DCCI	(219) 240-6353	abalhe@dannysconstruction.com
63	David Wiggins	PM	DCCI	(708) 516-7536	dwiggins@dannysconstruction.com
64	Lawrence Green	President	Divine Cement Inc.	(815) 719-1315	estimating@divinecement.com
65	Mack Brown	Superintendent/Project Manager	Divine Cement Inc.	(815) 719-1315	mbrown@divinecement.com
66	Beau Issleib	Account Manager	Doka USA Ltd.	(574) 309-8906	beau.issleib@doka.com
67	Ed Cox	Estimator	Dunnet Bay	(630) 470-3636	e.cox@dunnetbay.net
68	John Grimm	Estimator	Dunnet Bay	(630) 539-1200	j.grimm@dunnetbay.net
69	Kris Tyler	Project Manager	Electric Conduit Construction	(224) 523-2785	ktyler@electricconduitconstruction.com
70	Shawn Burke	Partner	Elite Fiber Optics	(630) 225-9454	sburke@elitefiberoptics.com
71	John Helliwell		Elite Fiber Optics	(630) 225-9454	jhelliwell@elitefiberoptics.com
72	Dave Krueger	Sales Executive	Environmental Monitoring & Technologies	(800) 246-0663	dkrueger@emt.com
73	Pete Fosnough	Managing Director	Epoxy Interest Group	(630) 380-5876	pfosnough@epoxy.crsi.org
74	Carolyn Quigley	P.E.	F. H. Paschen	(773) 444-3479	cquigley@fhpaschen.com
75	Tim Lingafelter	Project Manager	F. H. Paschen	(847) 313-1577	tlingafelter@fhpaschen.ocm
76	Jose Sanchez	CTO	Fluxee Systems Inc	(630) 290-9516	jose@fluxeeportal.com
77	Arun Tailor	Construction / Lab Manager	Geo Services Inc.	(847) 208-4826	arun@geoservicesinc.net
78	Don Tonissen	Project Geologist	Geo Services, Inc.	(847) 253-3845 x205	dan@geoservicesinc.net

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PURPOSE/PROJECT #: I-18-4430 Optional Pre-Bid Meeting & Networking Event

MEETING DATE/TIME: February 14, 2019 / 1:00 PM – 3:00 PM

79	Brian McPartlin	Executive Vice President	Globetrotters Engineering Corporation	(312) 922-6400	brian.mcpartlin@gec-group.com
80	Michael Naverrete	Project Manager	GSG		mnavarrete@gsg-consultants.com
81	Santiago Garcia	President	GSG Material Testing	(312) 666-2989	sgarcia@gsgtesting.com
82	Alvita Rhone	Business Development	HRSS - High Rise Security Systems, LLC	(708) 699-2151	arhone@hrsschicago.com
83	Atri Kalluri	Principal Engineer	Kalgen Consultants	(630) 516-0901	atri@kalgeninc.com
84	Joe Bodzioch, P.E		K-Five Construction Corporation	(630) 257-5600	joeb@k-five.net
85	Pat Winterberger	Estimator	Kiewit	(775) 458-7189	pat.winterberger@kiewit.com
86	Chuck Phillip	Estimator	Kraemer North America	(608) 546-2511	cphillip@kraemer.com
87	Michael K Nate	Estimator	Kraemer North America	(608) 546-2311	mnate@kraemerna.com
88	Jeff Hejna	Sr. Project Manager	LaGrange Crane	(708) 606-9525	jeff@lagrangecrane.com
89	Kevin Wade	Superintendent	Lindahl Brothers, Inc.	(630) 417-0527	kwade@lindahlbros.com
90	Cassandra J. Matz	Business Development	LiveWire Construction	(708) 537-2211	cmatz@livewire-systems.com
91	Lori Ward	President	Lori Ward Ventures, Ltd.	(847) 791-1396	loriward@gmail.com
92	David Lorig	President	Lorig Construction Company	(847) 774-2767	dlorig@lorigconstruction.com
93	Brian Schifferer	Superintendent	M.A. Rebar	(708) 670-4677	brians@marebarservices.com
94	Theresa Kern	President	MA Rebar Services	(773) 475-7842	TK@MARebarServices.com
95	Alex Mitchell		Metropolitan Steel Inc.	(708) 474-2072	alex@metropolitan-steel.com
96	Tim Caballero	President	Metropolitan Steel Inc.	(708) 474-2072	tim@metropolitan-steel.com
97	Denver Doherty	Senior Project Manager	Michels	(920) 204-9974	ddoherty@michels.us
98	Jay Miller		Millennia Professional Services	(630) 705-0110	jmiller@mps-il.com
99	Mike Neal	President/CEO	MTN & Associates Inc.	(708) 906-4285	mtneal22@gmail.com
100	Umar Ahmad		NASHnal Soil Testing LLC	(314) 587-5391	uahmad@nstengr.com

SIGN-IN SHEET

PURPOSE/PROJECT #: I-18-4430 Optional Pre-Bid Meeting & Networking Event

MEETING DATE/TIME: February 14, 2019 / 1:00 PM – 3:00 PM

101	Mitch Holmer	Estimator/Buyer	Natural Creations Landscaping	(815) 724-0991	mholmer@naturalcreationslandscaping.com
102	William Marrero	President	Newcastle Company	(773) 837-4876	newcastle129@yahoo.com
103	Scott Wheeler		Omega Associates	(630) 470-0268	swheeler@omegaassociates.com
104	John Phlip		Original Concrete Pumping Service, Inc.	(630) 918-8081	www.ocpspumperjohn@yahoo.com
105	Jean-Alix Peralte	President	Peralte-Clark LLC	(847) 485-8069	jean-alix.peralte@peralte-clark.com
106	Bill Madden	Chief Estimator	Plote Construction	(847) 695-9300	bmadden@plote.com
107	Russell Zavala	President	R&E Midwest Sales Co.Inc	(618) 578-9803	waterprf7@yahoo.com
108	Bill Seeman	Estimator	RoadSafe Traffic Systems Inc.	(815) 372-2300	bseeman@roadsafetraffic.com
109	Dan Barton	Vice President - Sales	Royal Crane Service Inc.	(708) 774-0353	danb@royalcrane.us
110	John Mooncotch	President	Royal Crane Service Inc.	(708) 974-0832	johnm@royalcrane.us
111	Blair Pipkin	Sales	Sargents Equipment	(630) 643-3580	blair@sargentsequipment.com
112	Donald D. Pellico	Business Opportunity Specialsit	Small Business Administration	(312) 353-3962	donald.pellico@sba.gov
113	Richard Dobbins	President	South Side Roots	(312) 485-0315	lawson@southsideroots.com
114	Douglas Nichele	Division Manager	Superior Construction Co.	(312) 586-7280	dnichele@superiorconstruction.com
115	EDWARD TAIWO	President	Tabitha Ventures Inc.	(309) 692-1473	edward@tabithainc.com
116	Wynter Susberry	Executive Director of Operations	Tactical Security	(312) 442-0250	wsusberry@tacticalsecure.com
117	JaTony McPherson	Owner	Temporary Traffic	(847) 909-0443	JTMcPh393@gmail.com
118	Christine McCllelan	President/Owner	Tough Cut Concrete Services, Inc.	815-464-8462	toughcuts@sbcglobal.net
11	Matt Boyle	Recycling	United Scrap	(708) 780-6800	mboyle@unitedscrap.co

SIGN-IN SHEET

PURPOSE/PROJECT #: I-18-4430 Optional Pre-Bid Meeting & Networking Event

MEETING DATE/TIME: February 14, 2019 / 1:00 PM – 3:00 PM

9		Consultant			m
120	Mike Pistilli	Sales Manager	Utility Concrete Products LLC	(815) 416-1000	mpistilli@utilityconcrete.com
121	Pat Larson	Director of Sales and Projects	Utility Concrete Products LLC	(815) 416-1000	plarson@utilityconcrete.com
122	Thomas Heraty		Utility Concrete Products LLC	(815) 416-1000	theraty@utilityconcrete.com
123	Joseph Ungari		VCNA Prairie	(708) 912-8514	joe.ungari@vcimentos.com
124	Richard Phillips	EVP	Veritas Steel	(715) 210-6554	rphillips@veritassteel.com
125	Daniel Hendrick	PM	Vision	(708) 417-0889	dhendrick@visionisd.com
126	Tom Woods	Division Manager	Visu-Sewer	(708) 237-0340	twoods@visu-sewer.com
127	Lori Jermyn	Sales	Vulcan Materials Company	(630) 816-6700	jermynl@vmcmail.com
128	Mark A Messaglia	Strategic Accounts Manager	Vulcan Materials Company	(630) 955-8500	messagliam@vmcmail.com
129	Art Hernandez	Strategic Accounts Manager	Vulcan Materials Company	(773) 890-2360	hernandeza@vmcmail.com
130	Emily Dougherty	Assistant Project Manager	Walsh Construction		edougherty@walshgroup.com
131	Philip J. Griffith	Sr. Project Mgr	Walsh Construction	(312) 563-5400	pgriffith@walshgroup.con
132	Terry Gill	Program Manager	Walsh Construction	(312) 563-5400	tgill@walshgroup.com
133	Tim Polk	Chief Estimator	Walsh Construction Company II LLC	(312) 656-5038	tpolk@walshgroup.com
134	Elise Roper				

RESPONSES TO PLAN HOLDERS

QUESTION: We request a copy and status of all the permit applications listed in SP 104.

RESPONSE: The status of the permit applications are indicated in SP 104.1 WORK RESTRICTIONS WITHIN CONTRACT I-18-4430. Copies of permit applications will not be provided.

QUESTION: We request the Sanitary and Ship Canal work restrictions and allowable closures for the strand jacking operation.

RESPONSE: Available information from the US Coast Guard is indicated in S.P. 106.12 UNITED STATES COAST GUARD SERVICE REQUIREMENTS.

QUESTION: Please advise what work would be "determined by the BNSF that could cause delays or interruption of service"? Does this include frame/rebar/pour columns? Does this include frame/rebar/pour caps? Does this include pre-cast girder erection? Does this include frame/rebar/pour bridge deck concrete?

RESPONSE: BNSF work restrictions are indicated in SP 106.9 PROTECTION AND COORDINATION WITH RAILROADS. Revisions to this section are provided in this Addendum No. 2.

QUESTION: Please provide a schedule for the relocation of each billboard and associated utilities within the project limits.

RESPONSE: Billboard relocation schedules are accounted for in the land acquisition process and acquisition dates are indicated in SP 118 RIGHT-OF-WAY.

QUESTION: Will a Stay-In-Place bridge deck forming system be allowed like on past Tollway projects?

RESPONSE: Stay-in-place deck forms will not be allowed on this project in accordance with General Notes in Volume 3 - Drawing 563 and Volume 5 - Drawing 1102.

QUESTION: Drawing No. 634 - Reinforcing steel chart is illegible.

RESPONSE: Revised Reinforcing Bar Schedule provided in Addendum No. 2

QUESTION: Drawing No. 1392 - Total Bill of Materials chart has a pay item JI900222 Temporary Light Pole supports - 20 ea I cannot find a corresponding item in the schedule of prices (Missing Bid Item).

RESPONSE: Pay Item designation revised to JT900222 in Addendum No. 2.

QUESTION: Referencing Design Drawing No. 562 of 1650, or SA-17 of 541, we are requesting that ISTHA remove Structural Steel Note #18 in its entirety.

RESPONSE: Structural General Note 18 in Volume 3 - Drawing 562 deleted in Addendum 2.

QUESTION: On the Contract Diversity Slide (slide 22) of the Optional Contract I-18-4430 Pre-Bid Meeting presentation, are all four of the certifications listed under the DBE Goal of 18% necessary to receive contract DBE credit.

RESPONSE: Only one of the certifications listed is needed for contract DBE credit in accordance with contract special provisions. A link to the Optional Contract I-18-4430 Pre-Bid Meeting presentation is provided within Addendum 2.

QUESTION: Are Owner Controlled Insurance Programs (OCIP) allowed for this contract?

RESPONSE: OCIP are not allowed. The contractor shall be insured in accordance with the contract special provisions.

ADDENDUM NO. 1
TO
CONTRACT REQUIREMENTS
FOR CONTRACT I-18-4430
ILLINOIS STATE TOLL HIGHWAY AUTHORITY

Date: FEBRUARY 8, 2019

For which proposals will be received by the Illinois State Toll Highway Authority at its offices, 2700 Ogden Avenue, Downers Grove, Illinois 60515 until 10:30 A.M. local time, **March 14, 2019.**

NOTICE OF REVISION TO CONTRACT

NOTES:

1. Revised Advertisement Page A-1R accompanies this Addendum and must be inserted into the Contract Proposal by the Bidder.

2. The following revised Special Provision pages are included with this Addendum: J-22R, J-111R, J-284R and J-285R.

3. The following revised Contract Drawings are included with this Addendum:
   Volume 1 – Drawing 8
   Volume 3 – Drawings 583 through 586, 588 and 589

CHANGES TO THE CONTRACT SPECIAL PROVISIONS

Change #1: Contract requirements, Volume I, replace page A-1 with page A-1R (attached). This replacement contains the following revisions:

1.1 Revised location of the optional Pre-Bid meeting.

Change #2: Contract requirements, Volume II, replace page J-22 with J-22R (attached). This replacement contains the following revisions:

2.1 Revised Note 4.

Change #3: Contract Requirements, Volume II, replace page J-111 with J-111R (attached). This replacement includes the following:

3.1 Added requirements for the contractor to demonstrate meeting Buckeye vibration requirements

Change #4: Contract Requirements, Volume II, replace pages J-284 thru J-285 with J-284R thru J-285R (attached). This replacement includes the following:

4.1 Revised text in Description from "...alignment of the pipeline..." to ..."alignment of the pipeline/watermain..."

4.2 Revised text in Corrective Measures section

4.3 Revised Method of Measurement and Basis of Payment to include work described in requirements for the contractor to demonstrate meeting Buckeye vibration requirements

CHANGES TO THE CONTRACT DRAWINGS

Change #5: Contract Plans, Volume 1, Drawing 8 – Suggested Progress Schedule. This drawing contains the following revisions (attached):

5.1 Removed Buckeye relocation Milestone from progress schedule

Change #6: Contract Plans, Volume 3, Drawings 583 and 584 – Mile Long Bridge NB (BR. No. 191) Causeway Plans. These drawings contain the following revisions (attached):

6.1 Revised notes related to Ex. Buckeye Gas line

Change #7: Contract Plans, Volume 3, Drawings 585, 586, 588 and 589 – Mile Long Bridge NB (BR. No. 191) Foundation Layouts. These drawings contain the following revisions (attached):

7.1 Revised notes related to Ex. Buckeye Gas line

7.2 Revised notes related to Construction of Causeways and Foundations

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END OF ADDENDUM CHANGES

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

ADVERTISEMENT FOR SEALED BIDS

Bid Schedule and information for

CONTRACT NO: I-18-4430

Sealed Bids for the above numbered Contract as described below will be received by the Illinois Tollway at its offices, at 2700 Ogden Avenue, Downers Grove, Illinois 60515, until 10:30:00 a.m., local time, March 14, 2019, at which time the Bids will be opened and the bids read aloud.

An **optional pre-bid meeting** is scheduled for February 14, 2019 at the **Aramark Conference Center in Downers Grove, at 2300 Warrenville Road**. The meeting will be held in the Auditorium at 1:00 p.m.

The work to be done under this Contract shall be started on or about May 14, 2019. All work under this Contract shall be completed by November 25, 2020.

The work under this Contract shall consist of: The reconstruction of portions of I-294 mainline, bridge replacement of bridge number 191 carrying northbound I-294 over CNRR, I&M Canal, Chicago Sanitary & Ship Canal, MWRD Property, Cook County Forrest Preserve, Des Plaines River, BNSF RR, Santa Fe Drive, and the 75th Street Ramps, replacement of portions of bridge numbers 183 and 184 carrying I-294 over LaGrange Road, reconstruction of portions of the 75th Street ramps, performance based noise and retaining walls, cofferdams and causeways, detention pond and other drainage improvements, temporary soil retention, fire protection system, demolition of structures, protective shield, temporary erosion and sediment control, and Maintenance of Traffic.

The work under this Contract is to be performed on: Tri-State Tollway (I-294) between Mile Post 20.7 and Mile Post 22.3 in Cook County, Illinois.

Bidders may be required to be pre-qualified by the Illinois Department of Transportation (IDOT).
IDOT Prequalification required: ☒YES ☐NO If 'NO', ignore any reference to IDOT Prequalification within the remainder of this document.

Joint Ventures shall be limited to no more than 3 individually IDOT-pre-qualified members.

Bidders are also required to be registered, or submit evidence of application, with the Illinois Department of Human Rights (IDHR). **There are NO EXCEPTIONS.**

Please note that written or oral communications received by the Illinois Tollway in connection with this solicitation may be required to be reported to the Procurement Policy Board as required by law. This provision is not intended to prohibit communications with State employees regarding a procurement matter, but rather only requires reporting of those communications when they occur.

All bids must be on forms prescribed by the Illinois Tollway and must comply with the terms and conditions set forth in the Contract Documents. Copies of the plans, special provisions, bid forms and other Contract Documents for this Contract are available from BHFX Digital Imaging and can be viewed and/or ordered for purchase by visiting the On-line Plan Room via www.illinoistollwaybidding.com. Copies of the current Illinois Tollway Supplemental Specifications to the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction can be purchased directly from BHFX Digital Imaging. The current Illinois Tollway Supplemental Specifications may also be viewed in the 'Doing Business' section on the Tollway website. Current Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Recurring Special Provisions can be viewed and purchased from the Illinois Department of Transportation website. Electronic copies of the contract documents are also available on compact disk (CD) from BHFX Digital Imaging. Copies are in a portable document format (PDF). **Bidders with questions or in need of assistance in purchasing Contract Documents are to contact a** BHFX Digital Imaging**, Customer Service Representative at 630-393-0777, ask for the Plan Room.**

Questions pertaining to the intent of the Contract Documents may be sent to the Illinois Tollway, attention Mohamad Faraj at mfaraj@getipass.com, to be received no later than 2:00 p.m. local time on February 28, 2019.

A completed Questionnaire and a statement of Current Contractual Obligations on forms supplied by the Illinois Tollway will be required from the apparent low Bidder once the apparent low Bidder is determined. Each Bid must be accompanied by a Bid Guaranty in the amount of five (5%) per cent of the total amount shown in the Bid for the Contract. The Bid Guaranty shall be in the form of an acceptable bid bond or a bank draft, certified check or cashier's check drawn on a solvent bank made payable to the Illinois State Toll Highway Authority.

Award of the above Contract, if any award be made, will be to the lowest responsive and responsible Bidder or Bidders. The Illinois Tollway reserves the right to reject any and all Bids, to waive technicalities, or cancel the solicitation.

COPIES OF PLANS, SPECIAL PROVISIONS, BID FORMS, CONTRACT DOCUMENTS, STANDARD SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATIONS ARE NOT AVAILABLE AT THE TOLLWAY CENTRAL ADMINISTRATION BUILDING.

DATE: January 29, 2019
Addendum No. 1
February 8, 2019

3. Work restrictions provided above only include work restrictions that require an act by an outside party. If the I-18-4430 Contractor is required to perform some action such as a utility relocation, permit submittal, right-of-entry submittal, or other activity in order for other work activities to occur, this item is not included in the table above.

4. Relocation of the Buckeye Pipeline is anticipated to be completed by 3/1/2020. See the Utility Plans for the current pipeline and estimated future relocated pipeline locations. Direct conflicts with the Des Plaines River causeways exist. Direct conflicts are not anticipated for the I&M Canal Causeway, CSS Canal Causeways, Pier 1, and Piers 13 thru 15. Construction of causeways shall be stage constructed to avoid damage to pipeline and meet requirements of S.P. 106.13. Requirements for working adjacent to the pipeline are identified in S.P. 106.13 and shall be adhered to. Any damage caused to the pipeline will be the sole responsibility of the Contractor.

Cost of complying with these requirements shall not be paid for separately but shall be included in the various items of work in this contract.

S.P. 106.13 COOPERATION WITH BUCKEYE PARTNERS

Requirement for Contractor to Demonstrate Meeting Buckeye Vibration Requirements:

Contractor shall demonstrate with in-situ field testing that their means and methods for construction of piers 1, 13, 14 and 15 including foundations can be performed in accordance with the requirements of the Construction Vibration Monitoring special provision and Buckeye Right of Way Restrictions Specification (Revision 5) Section 3.8 Construction-Induced Vibrations and to the satisfaction of the Engineer and Buckeye Representative.

At Piers 1, 13, 14 and 15 drilled shaft "E" as shown on the plans shall be constructed first with an additional seismograph placed no more than five feet away from the edge of the drilled shaft. The monitoring shall be in place throughout the entire drilled shaft construction operation up to and including concrete placement. The contactor must measure and include background vibrations from nearby train and intermodal yard activities when determining the maximum vibration magnitude generated by drilled shaft construction.

If the contractor cannot meet the vibration requirements, the contractor shall adjust means and methods as needed to demonstrate at a subsequent drilled shaft location that the vibration requirements are met. No additional compensation will be provided for subsequent locations.

A Buckeye emergency provision plan will be in place prior to construction of piers 1, 13, 14 and 15. Buckeye staff will be on site per Buckeye Right of Way Restrictions Specification (Revision 5) including manning shutoff valves on both sides of this construction. Buckeye will have material on site prior to construction to immediately respond as needed.

The contractor's work plan, in addition to the requirements specified elsewhere in this special provision, shall include a complete planning, monitoring, mitigation and response plan to address avoiding Buckeye damage, advance work to limit impact of potential breakage/spillage, risk mitigation plan and means of ensuring expedited repair and remediation (which incorporates the Buckeye emergency provision plan).

This work will not be paid separately but shall be considered included in the contract lump sum price for CONSTRUCTION VIBRATION MONITORING.

CONSTRUCTION VIBRATION MONITORING

Description.
This work consists of continuous seismograph monitoring of the existing:

- BP pipeline
- West Shore (Buckeye) pipeline located between the I & M Canal and CSS Canal
- Existing and proposed future Buckeye pipeline
- West Suburban Water Commission watermains
- Village of Burr Ridge watermains
- IL American Water watermains
- MWRD watermains

Monitoring shall be for the complete duration of the contract in accordance with S.P. 106. The monitoring point locations shall be spaced along the entire alignment of the pipeline/watermain within the limits of the right-of-way and easements. In cases where the pipeline/watermain is parallel but outside the limits of the right-of way and easements, the monitoring points shall be along the property line. The Contractor shall coordinate with the Engineer to ensure the proposed monitoring locations are acceptable to the utility owner and the property owners and accessible to both the Contractor and the Engineer. Proposed locations of monitoring points are to be submitted to the Engineer for approval prior to construction.

Requirements.
The Contractor shall furnish, install, calibrate, maintain, and operate instrumentation for measuring and recording vibrations and displacements. The Contractor shall employ the services of a seismic monitoring consultant as approved by the Engineer.
Monitoring readings shall be dated, recorded, and reported to the Engineer the same day the readings are taken. Vibration monitoring shall be a continuous and uninterrupted process during construction operations.

Corrective Measures.
If at any time resulting vibrations and displacements exceed the threshold indicated in SP 106, or are serious in nature or cause damage to facilities or property, the Contractor shall stop work immediately and the necessary corrective measures shall be initiated as directed by the Engineer. In the cases of the BP and Buckeye pipelines, the pipeline within the limits of the monitors indicating vibration values which exceed the threshold value must be exposed and inspected for possible damage and/or product release under the supervision of the pipeline owner before all operations start back up. The Contractor is responsible for all expenses related to the exposure. The Contractor shall reduce the efforts, or otherwise cause appropriate measures to be taken to reduce the resulting vibrations to the acceptable limits. Damage as a result of the work activity of the Contractor will be corrected by the Contractor as determined by the Engineer. No additional compensation will be due the Contractor for repairing these facilities. The Contractor will not be entitled to any claim of delay for stoppage of work to make corrective measures.

Submittals.
The Contractor must submit a Vibration and Displacement Control Plan to the Engineer for Approval. The Plan must be approved by the Engineer and utility owner prior to the commencement of work. The plan must include, but is not limited to the following:

- Locations of all monitoring points (Vibration and displacement).
- Procedure and outline for how the data will be provided to the Engineer.

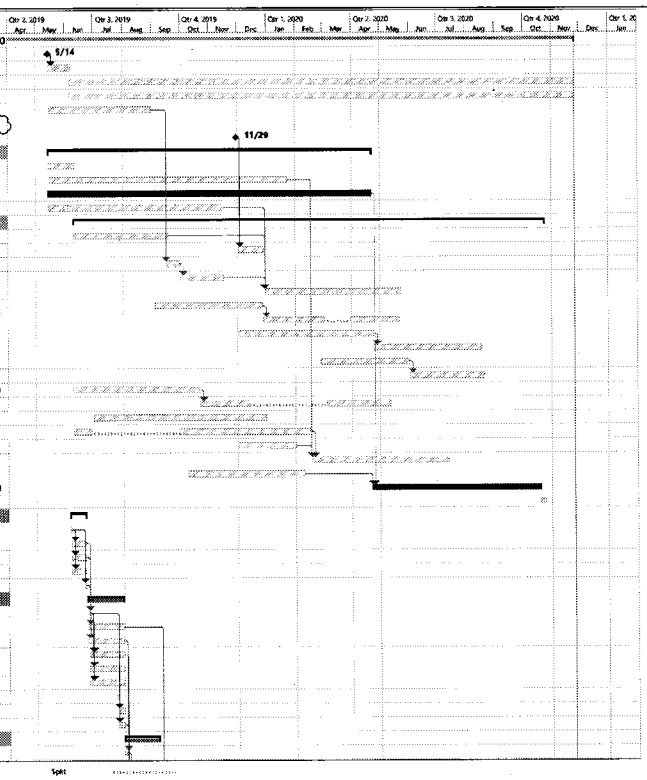
- Type of seismograph to be used (Submit to Engineer for Approval).
- List of Construction equipment to be used.
- Contact information for the Seismic Monitoring consultant.
- Timetable that outlines the duration that each monitoring point will be maintained and checked.
- A "Response Plan" to detail how the Contractor will address any concerns with vibration or displacement.
- Daily monitoring reports

Method of Measurement.
This work and the work described in S.P. 106.13 will not be measured for payment.

Basis of Payment. This work will be paid at the contract unit price per lump sum for CONSTRUCTION VIBRATION MONITORING which payment shall be full compensation for this work and the work described in S.P. 106.13.

Pay Item Number	Designation	Unit of Measure
X0327357	CONSTRUCTION VIBRATION MONITORING	L SUM

ID	Task Name	Duration	Start	Finish
0	Contract Duration, progress schedule	681 days	Thu 4/19/18	Wed 11/25/20
1	Notice to proceed	0 days	Tue 5/14/19	Tue 5/14/19
2	Mobilization	21 days	Tue 5/14/19	Thu 6/6/19
3	Temporary erosion & sediment control for SWPPP	452 days	Thu 6/6/19	Wed 11/25/20
4	MOT	452 days	Thu 6/6/19	Wed 11/25/20
5	Fiber optic handhole relocation (including testing and 30 days of 3rd party splicing)	79 days	Wed 5/15/19	Fri 8/30/19
6				
7	BNSF MOW building relocation			Fri 11/29/19
8	Procurement	247 days	Tue 5/14/19	Tue 4/21/20
9	Piling	21 days	Tue 5/14/19	Mon 6/10/19
10	Structural steel - Unit 1	183 days	Tue 5/14/19	Wed 1/22/20
11	Structural steel - Unit 2	247 days	Tue 5/14/19	Tue 4/21/20
12	Concrete girder - Initial deliveries	135 days	Tue 5/14/19	Fri 11/15/19
13	Mile Long Bridge	396 days	Mon 6/10/19	Sat 10/24/20
14	Unit 7 - Substructures - Piers 22, 23, 25, 26	82 days	Mon 6/10/19	Wed 9/18/19
15	Unit 7 - Substructure - Pier 24	23 days	Mon 12/2/19	Sat 12/28/19
16	Existing Unit 15 - Partial removal	13 days	Mon 9/16/19	Mon 9/30/19
17	Unit 7 - Substructure - North abutment	41 days	Tue 10/1/19	Sat 11/16/19
18	Unit 7 - Superstructure (5 spans)	126 days	Mon 12/30/19	Fri 5/22/20
19	Unit 6 - Substructure - Piers	96 days	Wed 9/4/19	Sat 12/28/19
20	Unit 6 - Superstructure (5 spans)	102 days	Sat 12/28/19	Thu 5/21/20
21	Unit 5 - Substructure - Piers	125 days	Mon 12/2/19	Fri 4/24/20
22	Unit 5 - Superstructure (5 spans)	96 days	Fri 4/24/20	Mon 8/17/20
23	Unit 4 - Substructures - Piers	79 days	Fri 2/28/20	Mon 6/1/20
24	Unit 4 - Superstructure (3 spans)	68 days	Tue 6/2/20	Thu 8/20/20
25	Unit 3 - Substructures - Piers	111 days	Mon 6/10/19	Mon 10/21/19
26	Unit 3 - Superstructure (4 spans)	102 days	Tue 10/22/19	Tue 5/12/20
27	Retaining Wall (TS21.03R, NB) MSE embankment pre-load	150 days	Mon 7/1/19	Tue 12/31/19
28	Unit 1 - Substructure - South abutment and Retaining Wall (TS21.03R, NB)	135 days	Mon 6/10/19	Mon 2/17/20
29	Unit 1 - Substructure - Piers	53 days	Mon 12/2/19	Sat 2/1/20
30	Unit 1 - Superstructure (2 spans)	124 days	Mon 2/17/20	Mon 7/13/20
31	Unit 2 - Substructures - Piers	104 days	Wed 10/9/19	Mon 2/10/20
32	Unit 2 - Superstructure (3 spans)	151 days	Wed 4/22/20	Mon 10/19/20
33	Final punchlist and cleanup	6 days	Mon 10/19/20	Sat 10/24/20
34	Roadway Work - Pre-stage 1	55 days	Thu 6/6/19	Sat 8/24/19
35	Set up traffic control	1 day	Thu 6/6/19	Thu 6/6/19
36	Begin NB I-294 embankment construction South of NB MLB	14 days	Fri 6/7/19	Sat 6/22/19
37	Begin load transfer platform construction at Ramp C	14 days	Fri 6/7/19	Sat 6/22/19
38	Remove I-294 inside shids, median barrier, and place temp pavement North of MLB	14 days	Fri 6/7/19	Sat 6/22/19
39	Remove and pave shoulder rumble strip South and North of MLB. Place Ramp D temp widening	2 days	Fri 6/21/19	Sat 6/22/19
40	Roadway Work - Pre-Stage 2	82 days	Mon 6/24/19	Wed 7/31/19
41	Set up traffic control	2 days	Mon 6/24/19	Tue 6/25/19
42	Continue load transfer platform construction at Ramp C	30 days	Mon 6/24/19	Wed 7/31/19
43	Continue NB I-294 embankment South of NB MLB	30 days	Mon 6/24/19	Wed 7/31/19
44	Begin Ramp D proposed outside shoulder and pavement construction	28 days	Wed 6/26/19	Wed 7/31/19
45	Construct interim Ramp B and reconstruct/widen SB I-294 outside shoulder	28 days	Wed 6/26/19	Wed 7/31/19
46	Perform SB MLB shoulder slope correction and parapet wall modification	28 days	Wed 6/26/19	Wed 7/31/19
47	Reconstruct NB I-294 outside shoulder, remove and temp pave rumble strip South of NB MLB	2 days	Wed 7/24/19	Thu 7/25/19
48	Place Ramp B temp widening	5 days	Fri 7/26/19	Wed 7/31/19
49	Place Ramp C temp widening	5 days	Fri 7/26/19	Wed 7/31/19
50	Roadway Work - Pre-Stage 3	10 days	Thu 8/1/19	Fri 8/16/19
51	Set up traffic control	3 days	Thu 8/1/19	Sat 8/3/19



Project: CONTRACT NO. I-17-4221-C01
Date: Tue 2/5/19

Non-Critical Task | Critical Task | Summary | Milestone | Split

GENERAL NOTES

1. THE PROGRESS SCHEDULE REPRESENTS A SUGGESTED SCHEDULE OF THE OVERALL PROJECT. THE CONTRACTOR SHALL SUBMIT HIS OWN SCHEDULE IN ACCORDANCE WITH THE ARTICLE 108.02 OF THE TOLLWAY SUPPLEMENTAL SPECIFICATIONS.
2. IN CASE OF CONFLICT BETWEEN PLANS AND FIELD OPERATIONS CONCERNING SEQUENCE OF CONSTRUCTION, THE OVERRIDING CONSIDERATION WILL BE THE SAFETY AND CONVENIENCE OF THE MOTORING PUBLIC. THE ENGINEER SHALL HAVE THE FINAL AUTHORITY IN MAKING THESE NECESSARY RELATED DECISIONS.
3. EASTER WEEKEND, MEMORIAL DAY WEEKEND, THE INDEPENDENCE DAY, LABOR DAY WEEKEND, THANKSGIVING, AND CHRISTMAS-NEW YEAR'S DAY HOLIDAY PERIODS OCCUR DURING THE PROJECT DURATION. REFER TO THE "MAINTENANCE OF TRAFFIC" SPECIAL PROVISION FOR THE HOLIDAY REQUIREMENTS.
4. THE CONTRACTOR SHALL REFER TO SECTION 108- "PROSECUTION AND PROGRESS" IN THE TOLLWAY SUPPLEMENTAL SPECIFICATIONS AND TO SP 109 "WORKING HOURS AND PROSECUTION OF THE WORK" FOR ADDITIONAL REQUIREMENTS.
5. WINTER WORK BREAK INDICATED FOR SUPERSTRUCTURE AND PROPOSED PAVEMENT ACTIVITIES ARE BASED ON RESTRICTING CONCRETE DECK AND CONCRETE PAVEMENT PLACEMENT FROM OCCURING DURING WINTER MONTHS.
6. THIS PROGRESS SCHEDULE IS BASED ON A SIX-DAY WORK WEEK AND MULTIPLE WORK SHIFTS PER DAY.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE MANPOWER AND EQUIPMENT TO MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS WITHOUT UNDUE DELAYS OR EXTENDED TIME INTERVALS BETWEEN ACTIVITIES.

DRAWN BY NSA DATE 01/29/2019
CHECKED BY DJP DATE 01/29/2019

HDR ENGINEERING, INC.
8410 W. BRYN MAWR AVE
ROSEMONT, IL 60018

LHQ TOLLWAY PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

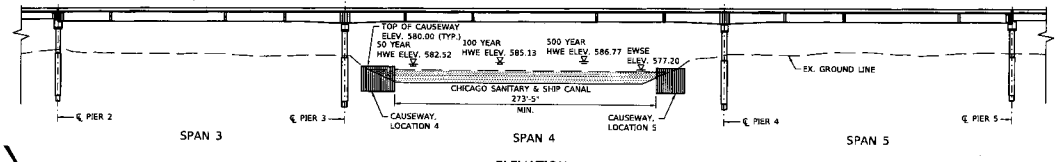
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NO.	DATE	DESCRIPTION
1	02-08-19	ADDENDUM NO. 1

CONTRACT NO. I-18-4430

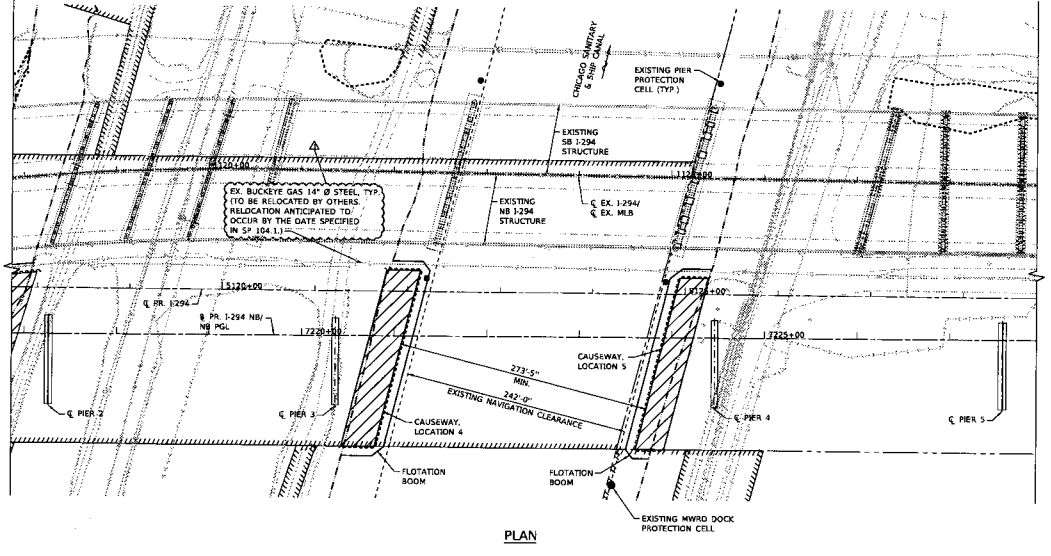
SUGGESTED PROGRESS SCHEDULE

SHEET NO. PRG – 1

DRAWING NO. 8 OF 1650



ELEVATION
ALONG EAST FACE OF NB STRUCTURE
LOOKING WEST



PLAN

LEGEND

- ROCK FILL CAUSEWAY
- WOUS (WATERS OF THE UNITED STATES)
- WETLANDS OR ENVIRONMENTAL SENSITIVE AREA
- RETENTION SYSTEM

DRAWN BY MQ DATE 01/29/2019
CHECKED BY RH DATE 01/29/2019

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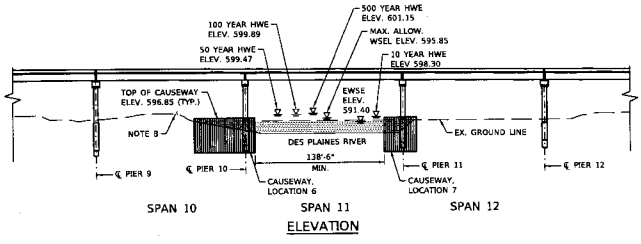
LHQ TRI-STATE PARTNERS

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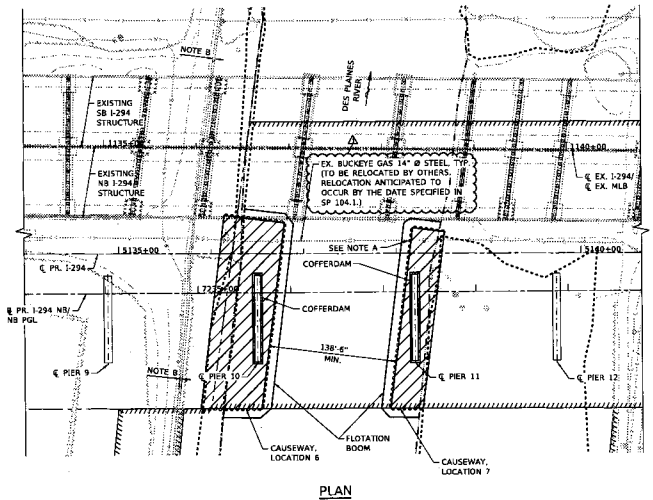
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NO	DATE	DESCRIPTION
1	02/08/2019	ADDENDUM NO. 1

CONTRACT NO. I-18-4430
MILE LONG BRIDGE NB (BR. NO. 191)
CAUSEWAY PLAN - CSS CANAL

SHEET NO.
SA - 38 OF 541
DRAWING NO.
583 OF 1650



ELEVATION



PLAN

CONTINGENCY PLAN:

1. THE CONTRACTOR WILL MONITOR THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) ADVANCED HYDROLOGIC PREDICTION SERVICE WEBSITE AND CHECK AT LEAST EVERY 12 HOURS, INCLUDING HOLIDAYS, FOR THE DURATION OF TIME THAT THE TEMPORARY FACILITIES ARE IN THE WATERWAYS.
2. THE CAUSEWAY SHALL BE CONFIGURED TO ALLOW PARTIAL REMOVAL OF THE CAUSEWAY SHOULD THE FORECAST WATER SURFACE ELEVATION (WSEL) APPROACH THE 10-YEAR DESIGN WATER SURFACE ELEVATION. IF THE WSEL IS TO EXCEED THE MAXIMUM ALLOWABLE WSEL, THE TEMPORARY FACILITIES SHALL BE APARTIALLY REMOVED. REMOVAL OF THE TEMPORARY FACILITIES WILL BE COMPLETED PRIOR TO THE FORECAST TIME OF THE WSEL EXCEEDANCE, WHICH MAY REQUIRE REMOVAL OPERATIONS OUTSIDE NORMAL WORKING HOURS.
3. THE CAUSEWAY PLAN SHOWN WAS ANALYZED AND SHOWN TO NOT INCREASE THE 100-YEAR WSEL MORE THAN 0.1' PER IDNR REQUIREMENTS WITH REMOVAL OF THE TOP OF CAUSEWAY TO ELEVATION 594.35' BASED ON VARIOUS CAUSEWAY CONFIGURATIONS. FOR THE CAUSEWAY CONFIGURATION SHOWN, THE MAXIMUM WATER SURFACE ELEVATION IS CONSIDERED TO BE 595.85' (WHEN A 10-YEAR WSEL IS FORECAST) AT WHICH TIME THE CONTRACTOR SHALL REMOVE ALL CAUSEWAY ELEMENTS TO AN ELEVATION OF 594.35'.
4. ALL REMOVED MATERIAL MUST BE LOCATED OUTSIDE OF THE FLOOD PLAIN IDENTIFIED ON THE PLANS UNTIL AFTER WATER ELEVATION HAS RETURNED TO NORMAL WATER LEVEL.

LEGEND

- ROCK FILL CAUSEWAY
- WOUS (WATERS OF THE UNITED STATES)
- WETLANDS OR ENVIRONMENTAL SENSITIVE AREA
- RETENTION SYSTEM

NOTE A: THE RETENTION SYSTEM AT BOTH PIERS SHALL BE CONSTRUCTED TO STRADDLE THE EXISTING, ABANDONED BUCKEYE PIPELINE.

NOTE B: EX PRECAST CONCRETE INVASIVE SPECIES BARRIER TO BE MAINTAINED BY CONTRACTOR. SEE "CAUSEWAY" AND "FISH BARRIER ACCESS MANAGEMENT" SPECIAL PROVISIONS.

PLOT TIME = 14:26:05
PLOT DATE = 1/29/2019
FILE NAME = J:\active\1430\ROW\Survey\Drawings\Plan Sheets\I-294_Causeway_Plan_Sheets.dgn

DRAWN BY MQ DATE 01/29/2019
CHECKED BY RH DATE 01/29/2019

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LHQ
TRISTATE PARTNERS

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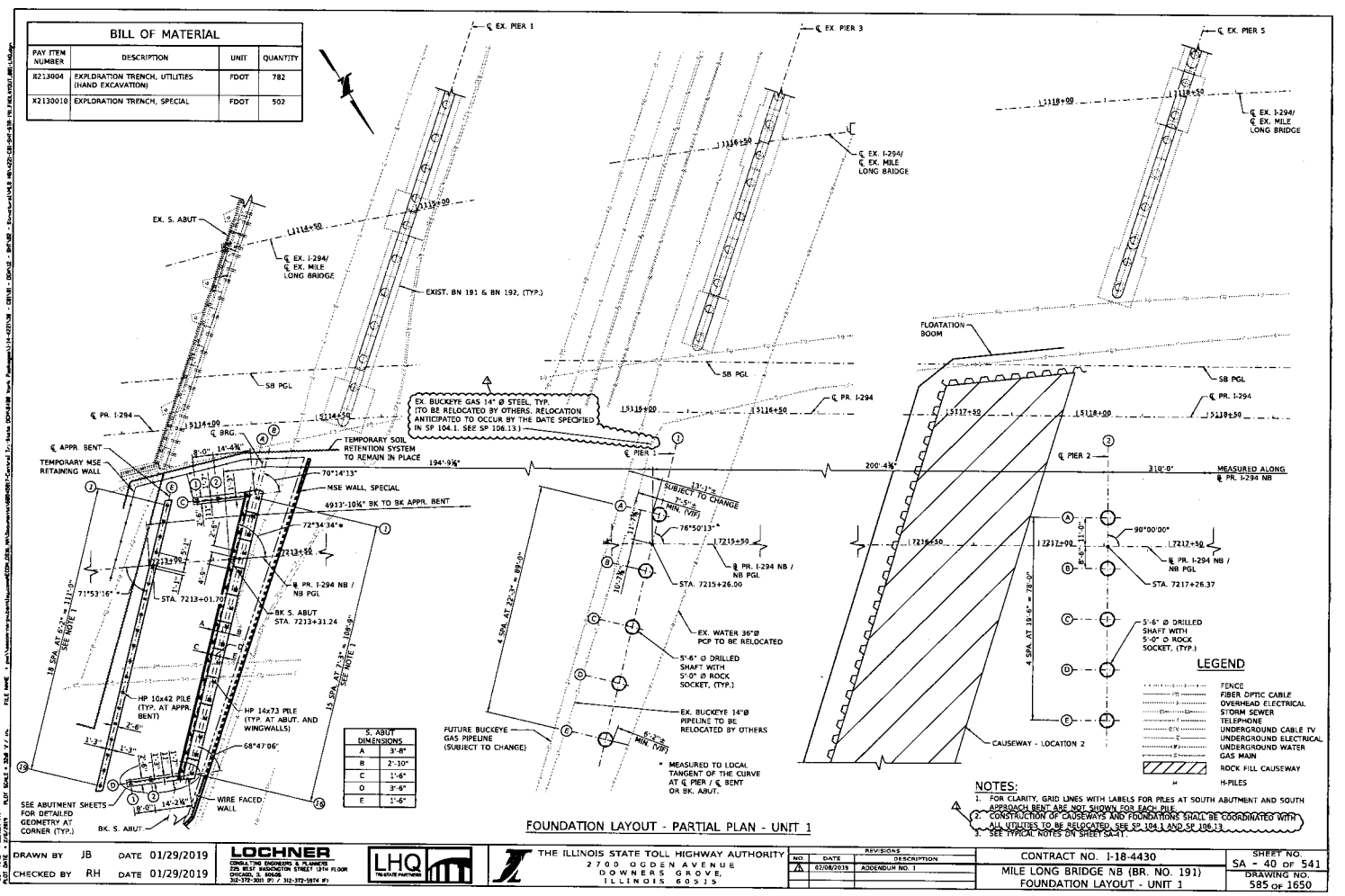
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1	02/08/2019	ADDENDUM NO. 1

CONTRACT NO. I-18-4430
MILE LONG BRIDGE NB (BR. NO. 191)
CAUSEWAY PLAN - DES PLAINES RIVER

SHEET NO.
SA - 39 OF 54
DRAWING NO.
584 OF 1650

BILL OF MATERIAL

PAY ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
X213004	EXPLORATION TRENCH, UTILITIES (HAND EXCAVATION)	FOOT	782
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	502



NOTES:
1. FOR CLARITY, GRID LINES WITH LABELS FOR PILES AT SOUTH ABUTMENT AND SOUTH APPROACH BENT ARE NOT SHOWN FOR EACH PILE.
2. CONSTRUCTION OF CAUSEWAYS AND FOUNDATIONS SHALL BE COORDINATED WITH ALL UTILITIES TO BE RELOCATED. SEE SP 104.1 AND SP 108.13.
3. SEE TYPICAL NOTES ON SHEET SA-41.

FOUNDATION LAYOUT - PARTIAL PLAN - UNIT 1

DRAWN BY JB DATE 01/29/2019
CHECKED BY RH DATE 01/29/2019

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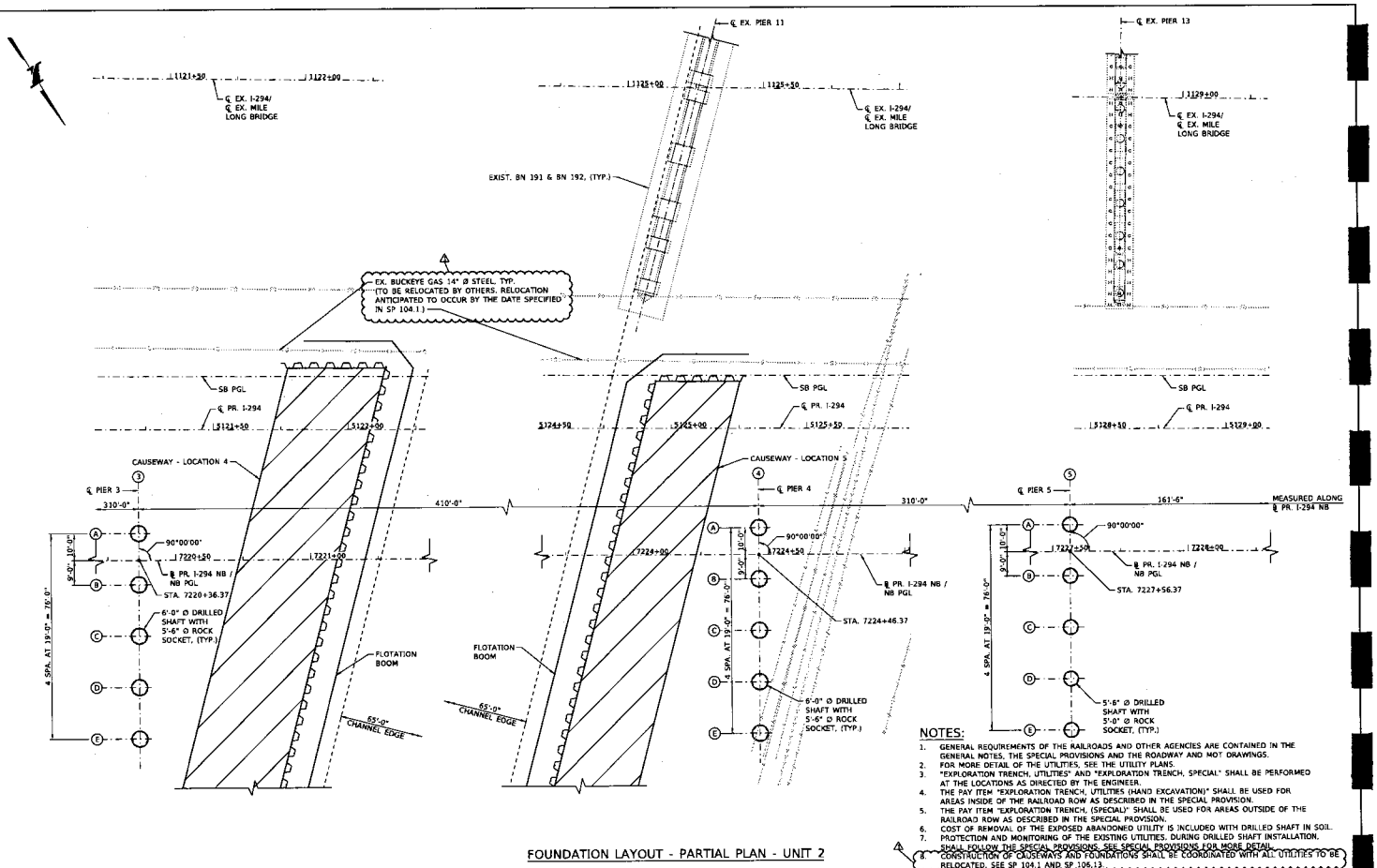
LHQ
THE KEYSTONE PARTNERSHIP

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
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DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO	DATE	DESCRIPTION
1	02/08/2019	ADDENDUM NO. 1

CONTRACT NO. I-18-4430
MILE LONG BRIDGE NB (BR. NO. 191)
FOUNDATION LAYOUT - UNIT 1

SHEET NO. SA - 40 OF 541
DRAWING NO. 585 OF 1650



FOUNDATION LAYOUT - PARTIAL PLAN - UNIT 2

NOTES:

1. GENERAL REQUIREMENTS OF THE RAILROADS AND OTHER AGENCIES ARE CONTAINED IN THE GENERAL NOTES, THE SPECIAL PROVISIONS AND THE ROADWAY AND MOT DRAWINGS.
2. FOR MORE DETAIL OF THE UTILITIES, SEE THE UTILITY PLANS.
3. "EXPLORATION TRENCH, UTILITIES" AND "EXPLORATION TRENCH, SPECIAL" SHALL BE PERFORMED AT THE LOCATIONS AS DIRECTED BY THE ENGINEER.
4. THE PAY ITEM "EXPLORATION TRENCH, UTILITIES (HAND EXCAVATION)" SHALL BE USED FOR AREAS INSIDE OF THE RAILROAD ROW AS DESCRIBED IN THE SPECIAL PROVISION.
5. THE PAY ITEM "EXPLORATION TRENCH, (SPECIAL)" SHALL BE USED FOR AREAS OUTSIDE OF THE RAILROAD ROW AS DESCRIBED IN THE SPECIAL PROVISION.
6. COST OF REMOVAL OF THE EXPOSED ABANDONED UTILITY IS INCLUDED WITH DRILLED SHAFT IN SOIL.
7. PROTECTION AND MONITORING OF THE EXISTING UTILITIES, DURING DRILLED SHAFT INSTALLATION, SHALL FOLLOW THE SPECIAL PROVISIONS. SEE SPECIAL PROVISIONS FOR MORE DETAIL.
8. CONSTRUCTION OF CAUSEWAYS AND FOUNDATIONS SHALL BE COORDINATED WITH ALL UTILITIES TO BE RELOCATED. SEE SP 104.1 AND SP 106.13.

DRAWN BY	JB	DATE	01/29/2019
CHECKED BY	RH	DATE	01/29/2019

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CHICAGO, IL 60606
312-372-3011 (PH) / 312-372-6674 (FX)

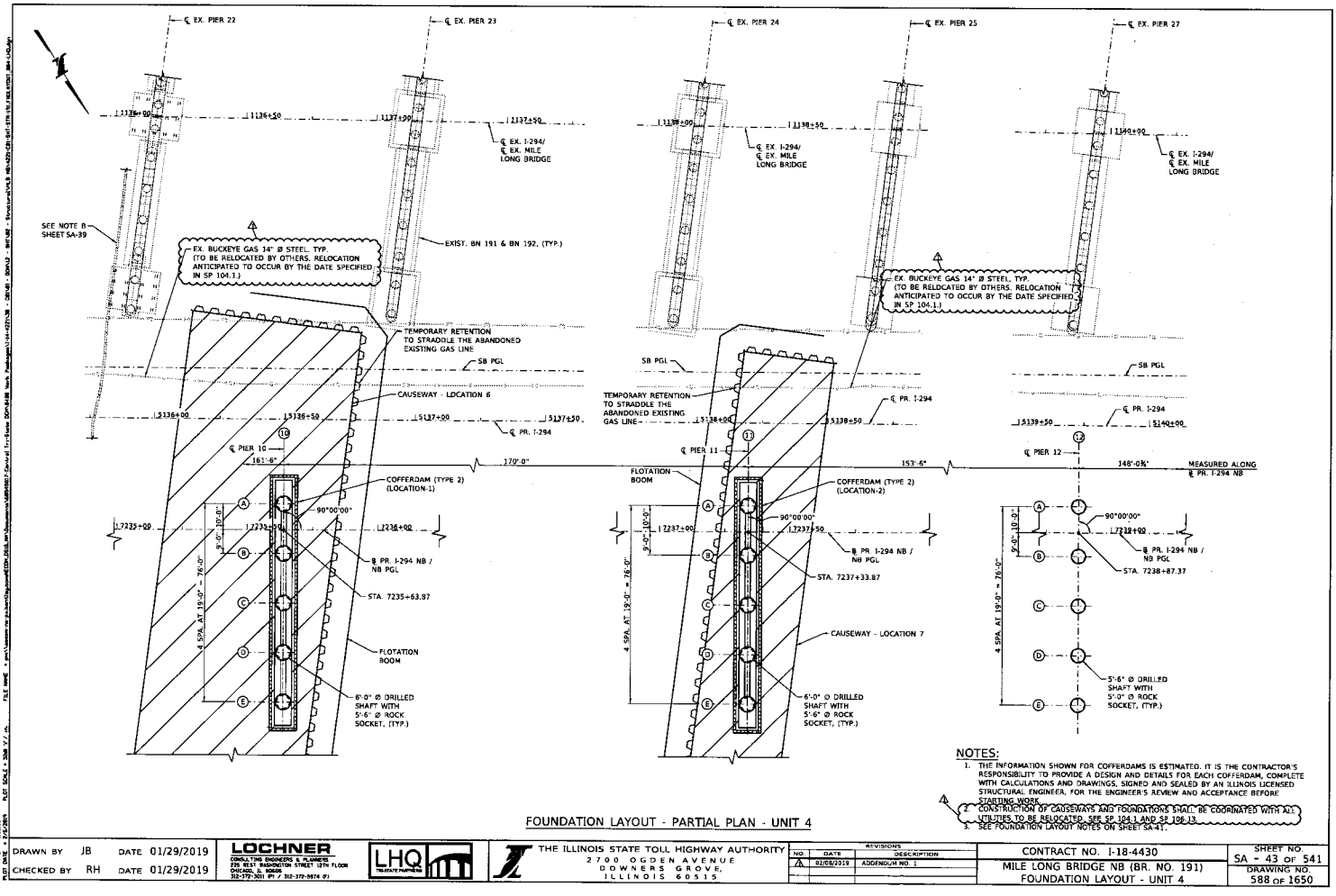
LHQ
TRISTATE PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION
1	02/08/2019	ADDENDUM NO. 1

CONTRACT NO. I-18-4430
MILE LONG BRIDGE NB (BR. NO. 191)
FOUNDATION LAYOUT - UNIT 2

SHEET NO.
SA - 41 OF 54
DRAWING NO.
586 OF 1650



NOTES:

1. THE INFORMATION SHOWN FOR COFFERDAMS IS ESTIMATED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE A DESIGN AND DETAILS FOR EACH COFFERDAM, COMPLETE WITH CALCULATIONS AND DRAWINGS, SIGNED AND SEALED BY AN ILLINOIS LICENSED STRUCTURAL ENGINEER, FOR THE ENGINEER'S REVIEW AND ACCEPTANCE BEFORE STARTING WORK.
2. CONSTRUCTION OF CAUSEWAYS AND FOUNDATIONS SHALL BE COORDINATED WITH ALL UTILITIES TO BE RELOCATED. SEE SP 104.1 AND SP 107.13.
3. SEE FOUNDATION LAYOUT NOTES ON SHEET SA-41.

FOUNDATION LAYOUT - PARTIAL PLAN - UNIT 4

DRAWN BY JB DATE 01/29/2019
CHECKED BY RH DATE 01/29/2019

LOCHNER
CONSULTING ENGINEERS & PLANNERS
200 WEST WASHINGTON STREET 12TH FLOOR
CHICAGO, IL 60606
312-372-3011 (P) / 312-372-9874 (F)

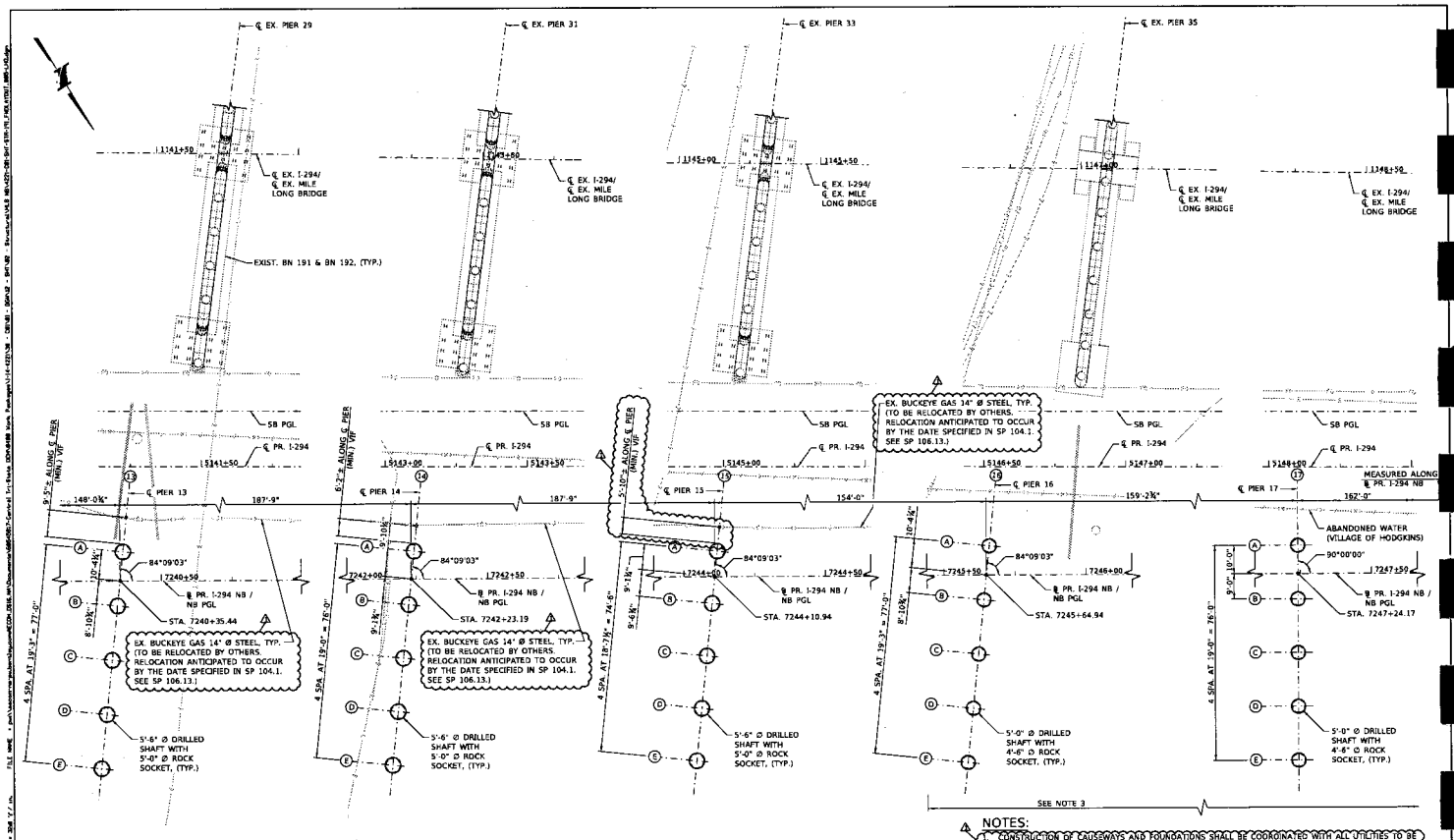
LHQ TRANSIT PARTNERS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION
1	02/08/2019	ADDENDUM NO. 1

CONTRACT NO. I-18-4430
MILE LONG BRIDGE NB (BR. NO. 191)
FOUNDATION LAYOUT - UNIT 4

SHEET NO. SA - 43 OF 541
DRAWING NO. 588 OF 1650



FOUNDATION LAYOUT - PARTIAL PLAN - UNIT 5

NOTES:

1. CONSTRUCTION OF CAUSEWAYS AND FOUNDATIONS SHALL BE COORDINATED WITH ALL UTILITIES TO BE RELOCATED. SEE SP 104.1 AND SP 106.13.
2. SEE FOUNDATION LAYOUT NOTES ON SHEET SA 44.
3. EXISTING UPS BUILDING REMOVED BY OTHERS AND NOT IN CONTRACT. LOCATION AND DEPTH OF REMOVAL OF SLAB-ON-GRADE, UTILITIES AND/OR FOUNDATIONS UNKNOWN. SEE ROADWAY PLANS FOR APPROXIMATE BUILDING OUTLINE. EXTANT BUILDING ELEMENTS THAT MAY BE ENCOUNTERED DURING DRILLED SHAFT EXCAVATIONS AT PIER 16 AND 17, OR EXCAVATION FOR CRASH WALL AT PIER 16, WILL BE PAID FOR IN ACCORDANCE WITH SPECIAL PROVISION 'ALLOWANCE FOR UNIDENTIFIED OBSTRUCTIONS'.

DRAWN BY JB	DATE 01/29/2019	LOCHNER CONSULTING ENGINEERS & PLANNERS 225 WEST WASHINGTON STREET 12TH FLOOR CHICAGO, IL 60606 312-372-3011 (P) / 312-372-5874 (F)	LHQ TRISTATE PARTNERS
CHECKED BY RH	DATE 01/29/2019	THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY 2700 OGDEN AVENUE DOWNERS GROVE, ILLINOIS 60515	

REVISIONS		
NO	DATE	DESCRIPTION
1	02/08/2019	ADDENDUM NO. 1

CONTRACT NO. I-18-4430	SHEET NO. SA - 44 OF 54
MILE LONG BRIDGE NB (BR. NO. 191) FOUNDATION LAYOUT - UNIT 5	DRAWING NO. 589 OF 1650

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Construction Bid Checklist	**CL-1 – CL-3**
Instruction and information to Bidders	**I-1 – I-10**

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

ADVERTISEMENT FOR SEALED BIDS

Bid Schedule and information for

CONTRACT NO: I-18-4430

Sealed Bids for the above numbered Contract as described below will be received by the Illinois Tollway at its offices, at 2700 Ogden Avenue, Downers Grove, Illinois 60515, until 10:30:00 a.m., local time, April 5, 2019, at which time the Bids will be opened and the bids read aloud.

An **optional pre-bid meeting** is scheduled for February 14, 2019 at the **Aramark Conference Center in Downers Grove, at 2300 Warrenville Road**. The meeting will be held in the Auditorium at 1:00 p.m.

The work to be done under this Contract shall be started on or about June 12, 2019. All work under this Contract shall be completed by December 21, 2020.

The work under this Contract shall consist of: The reconstruction of portions of I-294 mainline, bridge replacement of bridge number 191 carrying northbound I-294 over CNRR, I&M Canal, Chicago Sanitary & Ship Canal, MWRD Property, Cook County Forrest Preserve, Des Plaines River, BNSF RR, Santa Fe Drive, and the 75th Street Ramps, replacement of portions of bridge numbers 183 and 184 carrying I-294 over LaGrange Road, reconstruction of portions of the 75th Street ramps, performance based noise and retaining walls, cofferdams and causeways, detention pond and other drainage improvements, temporary soil retention, fire protection system, demolition of structures, protective shield, temporary erosion and sediment control, and Maintenance of Traffic.

The work under this Contract is to be performed on: Tri-State Tollway (I-294) between Mile Post 20.7 and Mile Post 22.3 in Cook County, Illinois.

Bidders may be required to be pre-qualified by the Illinois Department of Transportation (IDOT).

IDOT Prequalification required: ☒ YES ☐ NO If 'NO', ignore any reference to IDOT Prequalification within the remainder of this document.

Joint Ventures shall be limited to no more than 3 individually IDOT-pre-qualified members.

Bidders are also required to be registered, or submit evidence of application, with the Illinois Department of Human Rights (IDHR). **There are NO EXCEPTIONS.**

Please note that written or oral communications received by the Illinois Tollway in connection with this solicitation may be required to be reported to the Procurement Policy Board as required by law. This provision is not intended to prohibit communications with State employees regarding a procurement matter, but rather only requires reporting of those communications when they occur.

All bids must be on forms prescribed by the Illinois Tollway and must comply with the terms and conditions set forth in the Contract Documents. Copies of the plans, special provisions, bid forms and other Contract Documents for this Contract are available from BHFX Digital Imaging and can be viewed and/or ordered for purchase by visiting the On-line Plan Room via www.illinoistollwaybidding.com. Copies of the current Illinois Tollway Supplemental Specifications to the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction can be purchased directly from BHFX Digital Imaging. The current Illinois Tollway Supplemental Specifications may also be viewed in the 'Doing Business' section on the Tollway website. Current Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Recurring Special Provisions can be viewed and purchased from the Illinois Department of Transportation website. Electronic copies of the contract documents are also available on compact disk (CD) from BHFX Digital Imaging. Copies are in a portable document format (PDF). **Bidders with questions or in need of assistance in purchasing Contract Documents are to contact a** BHFX Digital Imaging, **Customer Service Representative at 630-393-0777, ask for the Plan Room.**

Questions pertaining to the intent of the Contract Documents may be sent to the Illinois Tollway, attention Mohamad Faraj at mfaraj@getipass.com, to be received no later than 2:00 p.m. local time on March 15, 2019.

A completed Questionnaire and a statement of Current Contractual Obligations on forms supplied by the Illinois Tollway will be required from the apparent low Bidder once the apparent low Bidder is determined. Each Bid must be accompanied by a Bid Guaranty in the amount of five (5%) per cent of the total amount shown in the Bid for the Contract. The Bid Guaranty shall be in the form of an acceptable bid bond or a bank draft, certified check or cashier's check drawn on a solvent bank made payable to the Illinois State Toll Highway Authority.

Award of the above Contract, if any award be made, will be to the lowest responsive and responsible Bidder or Bidders. The Illinois Tollway reserves the right to reject any and all Bids, to waive technicalities, or cancel the solicitation.

COPIES OF PLANS, SPECIAL PROVISIONS, BID FORMS, CONTRACT DOCUMENTS, STANDARD SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATIONS ARE NOT AVAILABLE AT THE TOLLWAY CENTRAL ADMINISTRATION BUILDING.

DATE: January 29, 2019

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

ADVERTISEMENT FOR SEALED BIDS

Bid Schedule and information for

CONTRACT NO: I-18-4430

Sealed Bids for the above numbered Contract as described below will be received by the Illinois Tollway at its offices, at 2700 Ogden Avenue, Downers Grove, Illinois 60515, until 10:30:00 a.m., local time, March 14, 2019, at which time the Bids will be opened and the bids read aloud.

An **optional pre-bid meeting** is scheduled for February 14, 2019 at the Central Administration Building in Downers Grove, at 2700 Ogden Avenue. The meeting will be held in Conference Room 175 at 1:00 pm.

The work to be done under this Contract shall be started on or about May 14, 2019. All work under this Contract shall be completed by November 25, 2020.

The work under this Contract shall consist of: The reconstruction of portions of I-294 mainline, bridge replacement of bridge number 191 carrying northbound I-294 over CNRR, I&M Canal, Chicago Sanitary & Ship Canal, MWRD Property, Cook County Forrest Preserve, Des Plaines River, BNSF RR, Santa Fe Drive, and the 75th Street Ramps, replacement of portions of bridge numbers 183 and 184 carrying I-294 over LaGrange Road, reconstruction of portions of the 75th Street ramps, performance based noise and retaining walls, cofferdams and causeways, detention pond and other drainage improvements, temporary soil retention, fire protection system, demolition of structures, protective shield, temporary erosion and sediment control, and Maintenance of Traffic.

The work under this Contract is to be performed on: Tri-State Tollway (I-294) between Mile Post 20.7 and Mile Post 22.3 in Cook County, Illinois.

Bidders may be required to be pre-qualified by the Illinois Department of Transportation (IDOT).
IDOT Prequalification required: ☒YES ☐NO If 'NO', ignore any reference to IDOT Prequalification within the remainder of this document.

Joint Ventures shall be limited to no more than 3 individually IDOT-pre-qualified members.

Bidders are also required to be registered, or submit evidence of application, with the Illinois Department of Human Rights (IDHR). **There are NO EXCEPTIONS.**

Please note that written or oral communications received by the Illinois Tollway in connection with this solicitation may be required to be reported to the Procurement Policy Board as required by law. This provision is not intended to prohibit communications with State employees regarding a procurement matter, but rather only requires reporting of those communications when they occur.

All bids must be on forms prescribed by the Illinois Tollway and must comply with the terms and conditions set forth in the Contract Documents. Copies of the plans, special provisions, bid forms and other Contract Documents for this Contract are available from BHFX Digital Imaging. and can be viewed and/or ordered for purchase by visiting the On-line Plan Room via www.illinoistollwaybidding.com. Copies of the current Illinois Tollway Supplemental Specifications to the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction can be purchased directly from BHFX Digital Imaging. The current Illinois Tollway Supplemental Specifications may also be viewed in the 'Doing Business' section on the Tollway website. Current Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Recurring Special Provisions can be viewed and purchased from the Illinois Department of Transportation website. Electronic copies of the contract documents are also available on compact disk (CD) from BHFX Digital Imaging. Copies are in a portable document format (PDF). **Bidders with questions or in need of assistance in purchasing Contract Documents are to contact a** BHFX Digital Imaging, **Customer Service Representative at 630-393-0777, ask for the Plan Room.**

Questions pertaining to the intent of the Contract Documents may be sent to the Illinois Tollway, attention Mohamad Faraj at mfaraj@getipass.com, to be received no later than 2:00 p.m. local time on February 28, 2019.

A completed Questionnaire and a statement of Current Contractual Obligations on forms supplied by the Illinois Tollway will be required from the apparent low Bidder once the apparent low Bidder is determined. Each Bid must be accompanied by a Bid Guaranty in the amount of five (5%) per cent of the total amount shown in the Bid for the Contract. The Bid Guaranty shall be in the form of an acceptable bid bond or a bank draft, certified check or cashier's check drawn on a solvent bank made payable to the Illinois State Toll Highway Authority.

Award of the above Contract, if any award be made, will be to the lowest responsive and responsible Bidder or Bidders. The Illinois Tollway reserves the right to reject any and all Bids, to waive technicalities, or cancel the solicitation.

COPIES OF PLANS, SPECIAL PROVISIONS, BID FORMS, CONTRACT DOCUMENTS, STANDARD SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATIONS ARE NOT AVAILABLE AT THE TOLLWAY CENTRAL ADMINISTRATION BUILDING.

DATE: January 29, 2019

April 8, 2019

Mr. Roland Schneider, Authorized Agent & VP
F.H. Paschen, S.N. Nielsen & Associates LLC
5515 N. East River Road
Chicago, IL 60656

Subject: Illinois Tollway Contract I-18-4430
Roadway and Bridge Reconstruction
Tri-State Tollway (I-294) Mile Long Bridge
Mile Post 20.7 to Mile Post 22.3
STA 5096+23.33 to STA 1176+62.01
Apparent Low Bidder - Additional Required Bid Documents

Dear Mr. Roland Schneider:

Congratulations! This letter is to inform you that F.H. Paschen, S.N. Nielsen & Associates LLC has been determined to be the apparent low bidder on this solicitation. To complete your bid package, the Tollway is requesting the documents listed below. The required document list can be found in Volume I of the solicitation on the page titled "Documents Required from Apparent Low Bidder Upon Request from the Tollway to Complete Bid Package". In accordance with the solicitation, please provide the following documents in hard copy or electronic format no later than **5:00:00 PM on April 15th, 2019** to:

Contract Services – I-18-4430
Illinois State Toll Highway Authority
2700 Ogden Ave.
Downers Grove, IL 60515
constructionbid@getipass.com

Required Documents:

- Disadvantaged Business Enterprise Participation and Utilization (See DBE Special Provision)
  DBE 2025(s)
- Veterans Small Business Participation and Utilization (See VOSB Special Provision)
  VOSB 2025(s)
- Equal Employment Opportunity Workforce Projection (See EEO Special Provision)
  EEO 1256(s)

- Term and Conditions is incomplete, please complete page 8, attachment was not included.

Diversity Information	DBE	Veteran
(1) Advertised Goal (percentage)	18%	0.5%
(2) Core Bid Amount, as verified by Tollway review of P-Pages	$173,311,677.19	
(3) Commitment in dollars, as verified by Tollway review of Form 2026	$31,257,687.99	$1,122,818.64
(4) Commitment in percent, as calculated from (3)/(2)	18.03%	0.64%
The DBE Commitment calculated	__X__meets/exceeds the advertised goal _____has approved waiver request	
The Veteran Commitment calculated	__X__meets/exceeds the advertised goal _____has approved waiver request	

Nothing in this letter shall be construed as a determination of responsiveness or responsibility. The Tollway is still reviewing bids and will need time to review the supplemental documentation provided in response to this letter. This letter is not a guarantee of award, and acceptance of your bid is still subject to the approval of the Tollway and the State. F.H. Paschen, S.N. Nielsen & Associates LLC is not to commence work on the above referenced solicitation until it receives an Authorization to Proceed from the Tollway. Thank you for your prompt attention to this matter.

In addition please be aware that once the determination of responsiveness and responsibility has been made, per the Illinois Procurement Code, section (30 ILCS 500/50-35) the Tollway will be requesting financial disclosures for all subcontractors with participation in excess of $50,000 that have been identified in your bid package including DBE 2025, VOSB 2025 and Page 8 of the Standard Business Terms and Conditions. Delay in submitting the required financial disclosures may result in a delay in issuing Notice to Proceed.

Should you have any questions, please do not hesitate to contact me

Sincerely,

[redacted]

Laura Durkin
General Manager of Engineering
630-241-6800 Extension 4802
ldurkin@getipass.com
CC:
Paul Kovacs
Lanyea Griffin
Mohamad Faraj
Shanel Bailey
Paul Lanzo
Audra Degonia
File: LT_Tollway_LD_4430_PostBidDocumentRequest_04052019_03_01_10

LD:snb

F.H. Paschen, S.N. Nielsen & Associates LLC

I-18-4430

Documents Required with the Bid

Bidder should use this checklist to ensure that all required documents are completed and included with its bid.

Required Documents	Reference Volume I	Comments and Important Information		Included with Bid ✓
Forms A (22 pages) or Forms B (3 or more pages)	Section N	Forms A or Forms B must be submitted with the bid or the bid will be considered non-responsive.	If a Joint Venture, must be submitted for each Joint Venture Partner	Form B ✓
Disadvantaged Business Enterprise • **DBE 2026-Utilization Plan** • **DBE 2023 if needed**	Section I #27 DBE Special Provision	Required for all solicitations with DBE goals. See DBE Special Provision for additional information. If goal is 0% the forms are not required.		✓ 2026
Veteran Small Business Participation and Utilization • **VOSB 2026-Utilization Plan** • **VOSB 2023 if needed**	Section I #28 VOSB Special Provision	Required for all solicitations with Veteran goals. See Veterans Special Provision for additional information. If goal is 0% the form is not required.		✓ 2026
Optional Bid Credit Incentive Program Certificates	Section I #30 Bid Credit Incentive Programs Special Provision	If Bid Credit is utilized, Bid Credit Certificates are required in bid submittal See Bid Credit Incentive Programs Special Provision for additional information		✓
Page P-1 with Addendum noted, Page P-2 with Bid Guaranty completed, Page P-3 completed with signatures, P-4	Section I-#4 P-Pages	Fill in all available pay item prices with values of $0.01 or greater.		✓
Bid Bond, Signature and Corporate Seal	Page 2 and 3 of the "P" Pages	If a Joint Venture, Bid Bond must be in the name of the Joint Venture. Signature and Corporate Seal page (last) must be submitted for each Joint Venture Partner.		✓

Preferences, Contacts and Affidavit	Section R	If a Joint Venture, must be submitted for each Joint Venture Partner.	✓
IDOT Certificate of Eligibility (If required—See Page A-1)	A-1 & Section I #9	If a Joint Venture, required from each Joint Venture Partner (If required)	✓
Non-Collusion Affidavit	Page R-4	If a Joint Venture, must be submitted for each Joint Venture Partner	✓
Tollway Standard Terms & Conditions	Section TC	If a Joint Venture, must be submitted for each Joint Venture Partner	✓

Documents Required from Apparent Low Bidder Upon Request from the Tollway to Complete Bid Package

Once the apparent low Bidder is determined, the Tollway will request these documents

Disadvantaged Business Enterprise DBE 2025(s)	Section I #27 & DBE Special Provision	Required for all solicitations with DBE goals. See DBE Special Provision for additional information
Veteran Small Business Participation and Utilization • **VOSB 2025(s)**	Section I #28 & VOSB Special Provision	Required for all solicitations with Veteran goals. See Veterans Special Provision for additional information
Equal Employment Opportunity • **EEO 1256**	Section I #29 & EEO Special Provision	Required for solicitations when included on the notice to Apparent Low Bidder
Plant and Equipment Questionnaire and Current Contractual Obligations	Section I #9 & Section S	If a Joint Venture, submit for each Joint Venture partner. REC W/ Bid
Responsible Bidder Affidavit PA-1 signed and Notary Seal	Section I #37	If a Joint Venture, must be submitted for each Joint Venture Partner REC W/ Bid

The Following Will Be Verified by the Tollway for the Low Apparent Bidder

Authority to Transact Business in Illinois - Secretary of State Certificate of Good Standing	Section I #10	If a Joint Venture, will be verified for each Joint Venture Partner. REC W/ Bid
Illinois Dept. of Human Rights	Section I #9 & #26	If a Joint Venture, will be verified for each Joint Venture Partner REC W/ Bid
State Board of Elections	Section I #25	If a Joint Venture, Will be verified for each Joint Venture Partner REC W/ Bid

7 pages - REC W/ Bid

Documents Required from Lowest Responsive/Responsible Bidder Upon Request from the Tollway

(Notice of Intent e-mail will be sent requesting these items

Agreement	Section T	If a Joint Venture, must be signed by both Joint Venture Partners
Performance Bond	Section U	If a Joint Venture, must be executed by both Joint Venture Partners
Payment Bond	Section V	If a Joint Venture, must be executed by both Joint Venture Partners
Insurance	Section I #17	If a Joint Venture insurance must be in the name of both Joint Venture Partners
Evidence of authority of company representatives to execute the Contract, such as Board of Directors' Minutes, or a resolution authorizing officers of the firm to execute the Contract Documents		
Certificates showing authorization to do business in Illinois if your firm is not an Illinois corporation.		
Any supplemental financial or experience information if requested by the Illinois Tollway.		
A completed Signature Authority Form designating any and all individuals to execute on behalf of the company any and all contract modifications or documentation		
If a Joint Venture, a copy of the executed Joint Venture Agreement between all partners that identifies the Managing Partner. Unless specifically directed otherwise in writing by the joint venture, the Managing Partner's FEIN will be used for payment and tax purposes		
A completed W-9 form if this is the first time the company is conducting business with the Tollway as a Prime Contractor. Please refer to the following link for the most current IRS W-9 form: http://www.irs.gov/pub/irs-pdf/fw9.pdf		
A copy of your IRS Assignment/Acceptance Letter if this is the first time the company is conducting business with the Tollway as a Prime Contractor, or if it has been a long time since you have done work with the Tollway and have never provided the document.		
As applicable to the Contract, Proof of Certification from each firm listed on DBE Form(s) 2025 and or VOSB Form(s) 2025. Please refer to the Special Provision for Disadvantaged Business Enterprise Participation and the Veteran Small Business Participation and Utilization Plan for a list of Certifying Agencies accepted by the Tollway. Proof of Certification includes Original letter of Certification, Certification Certificate, or the company listing in the Certifying Agency's database.		

INSTRUCTIONS AND INFORMATION TO BIDDERS

1. ADVERTISEMENT FOR BIDS

Bids will be received by the Illinois State Toll Highway Authority for constructing a portion of the Illinois Toll Highway System, as described in the Advertisement for Sealed Bids.

2. EXAMINATION OF CONTRACT DOCUMENTS AND WORK SITE

Before submitting a Sealed Bid, the Bidder shall carefully examine the provisions of the contract bid documents. The Bidder shall also inspect in detail the site of the proposed work, investigate and become familiar with all conditions affecting the contract, and the detailed requirements of construction. Bidders will be held responsible for having done so.

3. CONTRACT DOCUMENTS (TO BE COMPLETED IN INK)

The Contract Documents for this Contract shall be as defined in Section 101 of the Tollway Supplemental Specifications.

4. SCHEDULE OF PRICES

All blank spaces for Bid prices must be filled in, in ink, with the unit price, or lump sum price, and the total price for each and every item (which prices must be more than $0.00). Bids which do not contain a price for every item listed in the Schedule of Prices for the Contract being bid, will not be considered, unless alternate bids are requested.

5. INQUIRIES RELATIVE TO INTERPRETATION OF PLANS & SPECIFICATIONS

Any inquiries by Bidders relative to interpretation of any provisions of any of the Contract Documents will not be answered verbally, and to be given consideration must be submitted in writing to the Illinois Tollway no later than the date shown in the "Advertisement for Sealed Bids" (Page A-1). Answers, if any are given to such inquiries, will be in the form of Addenda and will be furnished to all Bidders in conformance with the Tollway Supplemental Specifications.

6. BID GUARANTY

The Bidder is required to furnish a Bid Guaranty in accordance with the provisions of Article 102.09 of the Tollway Supplemental Specifications.

7. WAGE STIPULATIONS

This contract calls for the construction of a "public work," within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/01 et seq. ("the Act") or is a service contract subject to the prevailing wage requirement of the Illinois Procurement Code, 30 ILCS 500/25-60 (the "Code"). The Act requires contractors and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the current "prevailing rate of wages" (hourly cash wages plus amount for fringe benefits) in the county where the work is performed. The Code requires vendors awarded certain service contracts to pay service workers no less than the general prevailing wage rate of hourly wages (hourly cash wages plus amount for fringe benefits in the county where the work is performed. The Illinois Department of Labor publishes the prevailing wage rates on its website https://www.illinois.gov/idol/Laws-Rules/CONMED/Pages/Rates.aspx. The Illinois Department of Labor revises the prevailing wage rates and the contractor/subcontractor has an obligation to check the Illinois Department of Labor's website for revisions to prevailing wage rates. For information regarding current

prevailing wage rates, please refer to the Illinois Department of Labor's website. All contractors and subcontractors rendering services under this contract must comply with all requirements of the Act and Code, including but not limited to all wage requirements and notice and record keeping duties.

The contractor to whom the contract is awarded shall insert into each subcontract and into the project specifications for each subcontract a written stipulation to the effect that not less than the prevailing rate of wages shall be paid to all laborers, workers, and mechanics performing work under the contract. Each subcontractor shall insert into each lower tiered subcontract and into the project specifications for each lower tiered subcontract a stipulation to the effect that not less than the prevailing rate of wages shall be paid to all laborers, workers, and mechanics performing work under the contract.

A list of prevailing wages for the counties in which work under this contract is to be performed is included within this contract as an attachment.

AMENDMENTS TO PREVAILING WAGE LAW

Effective July 16, 2014, the Prevailing Wage Act has been amended. Below is a summary of some of the important changes that may affect you:

- For each calendar month construction on a Tollway project occurs, a certified payroll must be filed **no later than the 15th** of the following month.
- Payroll records must be kept for 5 years from the date of last payment on a contract or subcontract.
- Any person who willfully files a false payroll is guilty of a Class A misdemeanor.
- Any person who willfully fails to create, keep, maintain, or **produce records as or when** required by the Act is guilty of a Class A misdemeanor.
- Any contractor or subcontractor convicted or found guilty of the above is subject to **automatic and immediate debarment** and prohibited from participating in any public works project for 4 years with no right to a hearing.

The full text of the Prevailing Wage Act can be found here:

http://www.ilga.gov/legislation/ilcs/ilcs3.asp?ActID=2405&ChapterID=68

8. NON-COLLUSION AFFIDAVIT

Once the apparent low Bidder is determined, the apparent low Bidder must complete the Non-Collusion Affidavit furnished with the Solicitation. In the event said Affidavit is found to be false in any respect, the Illinois Tollway may, at its option, void this Contract without liability on the part of the Illinois Tollway and in addition, the contractor and its surety or sureties shall be liable to the Illinois Tollway for any and all damages of every nature and description sustained, directly or indirectly, by the Illinois Tollway as a result of entering into Contracts based upon, among other things, the execution of such false affidavit.

9. **QUALIFICATIONS OF BIDDER**

The Illinois Tollway follows the procurement rules set by the Illinois Department of Transportation (IDOT) for the procurement of construction and professional services. The Bidder must be prequalified by the Illinois Department of Transportation if required by the solicitation. See Page A-1 to determine if IDOT Prequalification is required.

IDOT Contractor's Financial Statements will be acceptable if not more than 18 months old.

Illinois Department of Human Rights Public Contracts Number: Bidder shall complete and return the IDHR Public Contract Number form in Forms A, Part 2, or in the Illinois Procurement Gateway.

Each Bidder authorizes the Illinois Tollway to obtain and examine any and all financial data and experience information heretofore submitted by the Bidder to any Federal, State or local unit of government without further notice.

The Illinois Tollway will analyze the division of work to verify the weakest joint venture member is capable of performing, and analyze the others to be able to complete the project if the weakest firm defaults.

The individual partners of any joint venture must be jointly and severally liable for the obligations of the joint venture under the contracts.

Only one person will be designated managing partner for the joint venture and will speak for all joint venture partners and act as project manager.

Once the apparent low Bidder is determined, the apparent low Bidder shall submit the forms "Plant and Equipment Questionnaire" and "Current Contractual Obligations", to supplement the information contained in the qualifications questionnaire required in the paragraph above.

The Illinois Procurement Code provides, in part, that no person or business shall bid, offer, make a submission to a vendor portal, or enter into a contract under the Code if the person or business assisted an employee of the State of Illinois, who, by the nature of his or her duties, has the authority to participate personally and substantially in the decision to award a State contract, by reviewing, drafting, directing, or preparing any invitation for bids, a request for proposal, or request for information or provided similar assistance except as part of a publicly issued opportunity to review drafts of all or part of these documents. See certifications section of the Contract for the required certifications prior to entering into a contract with the State of Illinois

10. **AUTHORITY TO TRANSACT BUSINESS UNDER AN ASSUMED NAME**

If the apparent low Bidder is doing business under an assumed name, it shall be required to furnish, once the apparent low Bidder is determined, a certificate of registration and authorization showing that such individual or partnership is registered and authorized to conduct business in Illinois under such assumed name in accordance with Assumed Business Name Act, 805 ILCS 405/1, as amended from time to time.

11. **SECRETARY OF STATE CERTIFICATE OF GOOD STANDING**

A person, other than an individual acting as a sole proprietor, must be a duly constituted legal entity and authorized to transact business or conduct affairs in Illinois prior to execution of the contract. 30 ILCS 500/20-43. The Secretary of State Certification will be verified by the Tollway for the apparent low Bidder.

12. **TAX EXEMPTIONS**

Any material which is to be incorporated in The Work and any equipment required therefore may be consigned to the Illinois State Toll Highway Authority in care of the Contractor. If the shipping papers show clearly that any such material or equipment is so consigned, the shipment may be exempt from the tax on the transportation of property under the provisions of Section 4292, Title 26, U.S.C.A. (1954). All transportation charges shall be paid by the Contractor.

The Illinois Tollway is currently exempted from the payment of Illinois Retailer's Occupational Tax, Use Tax, Service Tax, Municipal Taxes and Federal Excise Tax.

The tax exempt number and form will become a part of the contract with the successful Bidder.

13. **HAUL ROADS**

Attention of the Contractor is directed to the probable use of public roads and streets (State, County and Municipal) for hauling loads in excess of present permitted allowance. It is the responsibility of the Contractor to make proper arrangements with officials having jurisdiction for any use of public roads and streets beyond that permitted by present regulations.

14. **ACKNOWLEDGMENT OF RECEIPT OF ADDENDA**

The Bidder is required to acknowledge receipt of any Addenda issued to the Bidder by inserting the Addendum number and the issuing date in the space provided in the Solicitation.

15. **AUTHORITY POWER AND FUNDS**

The Illinois Tollway has been created and derives its power and authority under and pursuant to "An Act in relation to the construction, operation, regulation and maintenance of a system of toll highways, and to create the Illinois State Toll Highway Authority, and to define its powers and duties, approved August 7, 1967," (Illinois Compiled Statutes, 605 ILCS 10/1 to 605 ILCS 10/35, as amended from time to time, hereinafter called the "Act").

No payment or other obligations under this Contract are or shall ever be construed to be obligations of the State of Illinois.

16. **PAYMENT OF TOLLS**

The Contractor shall be required to pay the full amount of tolls, if any, incurred by it during the duration of the contract. Said tolls will not be refunded by the Illinois Tollway. Furthermore, in the event that a final determination is made by the Tollway that the Contractor has failed to pay any required tolls and associated fines, the Tollway is authorized to take steps necessary to withhold the amounts of unpaid tolls and fines from any payment due the Contractor by the Tollway and/or other State of Illinois office, department, commission, board or agency.

17. **INSURANCE**

The Contractor shall not commence any work under the Contract until all the insurance as specified in Article 107.27 of the Tollway Supplemental Specifications or any special provisions has been provided and approved, and Notice to Proceed is issued to the Contractor.

18. **ILLINOIS HUMAN RIGHTS ACT**

The Contractor is advised that the Illinois State Toll Highway Authority has heretofore by resolution

adopted all of the applicable requirements and provisions of the Illinois Fair Employment Practices Act, now the Illinois Human Rights Act (Illinois Compiled Statutes, 775 ILCS 5/1 -101, *et sequitur*, as amended from time to time) and all of the applicable rules and regulations promulgated thereunder, and that all such applicable requirements, provisions and rules and regulations are deemed to be a part of the Contract and to apply to the Contractor as if fully set out herein.

19. **MULTI-PROJECT LABOR AGREEMENT**

The Multi-Project Labor Agreement is not in effect for this contract.

20. ***RESERVED***

21. **COMPUTER GENERATED PAY ITEM PRICE PAGES FOR BIDS SUBMITTED IN HARD COPY FORMAT**

The schedule of prices for this contract is available for download in spreadsheet format on the Tollway's Online Plan Room hosted by BHFX DIGITAL IMAGING at: www.illinoistollwaybidding.com.

The schedule of prices is published in spreadsheet format only once when the contract is advertised, and is published as a tool to assist Bidders with preparation of their bid. Any revisions to the schedule of prices, including addenda, are the responsibility of the Bidder and must be included in the bid. It is the Bidder's responsibility to provide an accurate bid, which includes verification that the spreadsheet version of the schedule of prices matches the final contract book P-Pages. When submitting a hard copy bid, in the event of a discrepancy between the spreadsheet schedule of prices from the online plan room, and the contract book P-Pages, the contract book P-Pages and Addenda control and take precedence over the spreadsheet schedule of prices.

If you intend to submit a computer generated bid, it must be in a printed form similar to the contract P-Pages and must be legible. See Page I-1, Item 4 for additional pay item pricing requirements.

22. **PUBLISHED PROCUREMENT INFORMATION:**

The State publishes procurement information, including updates on the General Services eProcurement System BidBuy (https://bidbuy.illinois.gov), referred to as "BidBuy". Procurement information may not be available in any other form or location. Bidder is responsible for monitoring BidBuy. The State will not be held responsible if Bidder fails to monitor BidBuy, or to fully complete their vendor registration in BidBuy.

23. **PROTEST REVIEW OFFICE**

Vendors may submit a written protest to the Protest Review Office following the requirements of the IDOT Standard Procurement Rules 44 ILL ADM 6.390 through 6.440. All protests shall be in writing and filed with the CPO within 7 calendar days after the protester knows or should have known of the facts giving rise to the protest. Protests filed after the 7 calendar day period will not be considered. In addition, protests that raise issues of fraud, corruption or illegal acts affecting specifications, special provisions, supplemental specifications and plans must be received by the CPO no later than 14 calendar days before the date set for opening of bids. The Protest Review Office information is as follows:

Chief Procurement Office
Attn: Protest Review Office
401 S. Spring Street
Suite 515 Stratton Office Building
Springfield, IL 62706

Email: eec.legalstaff@illinois.gov

Facsimile: (217) 558-1399
Illinois Relay: (800) 526-0844

24. **SUBSTANCE ABUSE PREVENTION PROGRAM (SAPP) PUBLIC ACT 95-0635**

This Public Act requires that all contractors/subcontractors have a SAPP in place, with certain requirements, **before** starting work. The requirements of this Public Act are material to the contract, and the contractor shall require the same of all approved subcontractors.

25. **STATE BOARD OF ELECTIONS REGISTRATION PUBLIC ACT 95-0971**

State Board of Elections Registration: Vendor or Bidder may be prohibited from making political contributions and be required to register with the State Board of Elections. For more information, see State Board of Elections in Forms A, Part 5.

26. **DEPARTMENT OF HUMAN RIGHTS (DHR) PUBLIC CONTRACT NUMBER**

Any Bidder who bids on public contracts must register with the IDHR to be eligible to be awarded public contracts. Any Bidder who registered previously but has a DHR number of 89999-00-0 or lower must re-register to maintain eligibility. Any IDHR number of 90000-00-0 or higher is valid for five years from the date of issue. The IDHR website link is below.

http://www2.illinois.gov/dhr/PublicContracts/Pages/IDHR_Number.aspx

27. **DISADVANTAGED BUSINESS PARTICIPATION**

See Special Provision for Disadvantaged Business Participation

28. **VOSB/SDVOSB PARTICIPATION**

See Special Provision for VOSB/SDVOSB Participation

29. **EQUAL EMPLOYMENT OPPORTUNITY**

See Special Provision for Equal Employment Opportunity.

30. **BID CREDIT INCENTIVE PROGRAMS**

Tollway Bid Credit Incentive Programs allow contractors or subcontractors/fabricators to earn bid credits to be used toward future Tollway construction bids. A Bidder can then apply its bid credits to a maximum Bid Credit Cap assigned to each construction contract to lower their bid amount and increase the chances of winning the contract as the low Bidder. Use of bid credits from the Bid Credit Incentive Programs is applicable only to construction projects advertised by the Tollway for public bidding.

See Special Provision for Bid Credit Incentive Programs included in Volume 1.

Current Tollway Bid Credit Programs:

- CONSTRUCTIONWORKS PROGRAM

The ConstructionWorks (CW) Program offers contractors and subcontractors/fabricators a chance to earn bid credits toward future Tollway construction bids when they hire workers from a pool of qualified and eligible ConstructionWorks individuals including minorities, women, ex-offenders and exonerated individuals, veterans and other traditionally underserved populations.

See the Operational Guide for ConstructionWorks Program at https://www.illinoistollway.com/doing-

business/diversity-development#BidCreditIncentives

- EARNED CREDIT PROGRAM

The Earned Credit Program (ECP) offers contractors and subcontractors/fabricators a chance to earn bid credits toward future Tollway construction bids when they hire workers from a pool of qualified and eligible Workforce Innovation and Opportunity Act (WIOA) individuals including minorities, women, ex-offenders and exonerated individuals, veterans and other traditionally underserved populations.

See the Operational Guide for Earned Credit Program at https://www.illinoistollway.com/doing-business/construction-engineering#Earned%20Credit%20Program.

- PARTNERING FOR GROWTH - CONSTRUCTION for DISADVANTAGED BUSINESS ENTERPRISE OR VETERAN-OWNED SMALL BUSINESS BID CREDIT INCENTIVE PROGRAM

A firm performing as a mentor in an approved Partnering for Growth (P4G) – Construction relationship, providing assistance to and training of a DBE or Veteran firm can earn Bid Credits that may be used toward future Tollway construction bids.

See the Operational Guide for Partnering For Growth - Construction For Disadvantaged Business Enterprise Bid Credit Incentive Program and the Operational Guide For Partnering For Growth – Construction For Veteran-owned Small Business Bid Credit Incentive Program at https://www.illinoistollway.com/doing-business/diversity-development/programs#Mentor

31. **REPORTING OF COMMUNICATIONS WITH VENDORS**

Please note that written or oral communications received by the Tollway that imparts or requests material information or makes a material argument regarding potential action concerning this procurement may require reporting to the Procurement Policy Board as required by the Procurement Code. When an oral communication is made by a person required to register under the Lobbyist Registration Act (25 ILCS 170) and received by a State employee, all individuals who initiate or participate in the communication shall submit a written report to that State employee memorializing the communication and for reporting to the Procurement Policy Board. This provision is not intended to prohibit communications with State employees regarding procurement matter, but rather only requires reporting of those communications when they occur.

32. **INITIAL CONTACT INFORMATION**

The Initial Contact Person named on Page A-1 shall be familiar with assembling or obtaining the duly executed documents constituting the contract between the Illinois Tollway and the contractor.

33. **WEB-BASED PROJECT MANAGEMENT**

The Illinois Tollway will manage this project using the Tollway's web-based project management system. The primary goal of using the web-based project management system is to create a complete project record and serve as a project archive.

Once the apparent low Bidder is determined, all project correspondence occurring with the apparent low Bidder will be addressed to the Initial Contact person via e-mail from Contract Services and via the

web-based project management system. Initial correspondence is expected to consist of requests for information and responses related to DBE and subcontractor related items.

34. SUBCONTRACTOR DISCLOSURE

The Bidder must identify, to the extent the information is known, the names, addresses and type of work for all sub-contractors that will be utilized in the performance of this Contract together with the anticipated contract value each sub-contractor is expected to receive pursuant to this Contract. The State may request updated information at any time. For purposes of this section, sub-contractor means a person or entity that enters into a contractual agreement with a person or entity who has a contract with the Illinois Tollway pursuant to which the person or entity provides some or all of the goods, services, real property, remuneration, or other monetary forms of consideration that are the subject of the primary Illinois Tollway contract. A person or entity is not a sub-contractor if that person only provides goods or supplies that are incidental to the performance of a contract by a person who holds the contract with the Illinois Tollway. In no event shall a sub-contractor be allowed to start work prior to approval by the Tollway.

35. PROCUREMENT COMPLIANCE MONITORS

Under Public Acts 96-0795, 96-0920 and 97-0895, Agency Procurement Compliance Monitors may review contract documents and any files or records related to procurements, and will report to the Chief Procurement Officer on procurement issues that may require action, and to further report on corrective action not taken by state personnel. Additionally, the Procurement Compliance Monitors may monitor the procurement process for appropriate actions and transparency.

36. PUBLICITY

Contractor shall not, in any advertisement, including but not limited to Contractor's website or any other type of solicitation for business, state, indicate or otherwise imply that it has been endorsed by or is currently or has previously been under contract with the Illinois Tollway nor shall the Illinois Tollway's name be used in any such advertisement or solicitation without the prior written approval of the Illinois Tollway.

37. RESPONSIBLE BIDDER AFFIDAVIT

Public Act 97-0369 amended the Illinois Procurement Code to require a "responsible Bidder" to submit a signed affidavit stating that the Bidder shall maintain an Illinois office as the primary place of employment for persons employed in the construction authorized by the contract. Therefore, in accordance with the Act the Illinois Tollway will request the "Responsible Bidder Affidavit" from the apparent low Bidder, once the apparent low Bidder has been determined.

38. REPORT OF A CHANGE IN CIRCUMSTANCES

The Contractor agrees to report to the Tollway as soon as practically possible, but no later than 21 days following any change in facts or circumstances that might impact the Contractor's ability to satisfy its legal or contractual responsibilities and obligations under this contract. Required reports include, but are not limited to changes in the Contractor's Certification/Disclosure Forms, the Contractor's IDOT pre-qualification status, or certification or licensing required for this project. Additionally, the Contractor agrees to report to the Tollway within the above timeframe any arrests, indictments, convictions or other

matters involving the Contractor, or any of its principals, that might occur while this contract is in effect. The reporting requirement does not apply to common offenses, including but not limited to minor/traffic offenses.

Further, the Contractor agrees to incorporate substantially similar reporting requirements into the terms of any and all subcontractors relating to work performed under this agreement. The Contractor agrees to forward or relay to the Tollway any reports received from subcontractors pursuant to this paragraph within 21 days.

Finally, the Contractor acknowledges and agrees that the failure of the Contractor to comply with this reporting requirement shall constitute a material breach of contract which may result in this contract being declared void.

39. **RECORD RETENTION AND AUDIT**

The CONTRACTOR shall maintain in the State of Illinois, for a minimum of five years from the latter of the date of completion of the CONTRACT or the date of final payment under the CONTRACT, adequate books, records, and supporting documents from an accounting system maintained in accordance with generally accepted accounting principles to verify the amounts, recipients, uses and methods of all disbursements of funds passing in conjunction with the CONTRACT. The five year record maintenance period shall be extended for the duration of any audit in progress at the time of that period's expiration. The CONTRACTOR shall at its own expense make such records available in a timely manner for inspection and audit (including copies and extracts of records) as required by the Auditor General and other State Auditors, Chief Procurement Officer, the Illinois Department of Transportation, and the TOLLWAY's Inspector General, Internal Audit or other TOLLWAY agents at all reasonable times and without prior notice.

The obligations of this Section shall be explicitly included in any subcontracts or agreements formed between the CONTRACTOR and any subcontractors or suppliers of goods and services to the extent that those subcontracts or agreements relate to fulfillment of the CONTRACTOR's obligations to the TOLLWAY. Such subcontractor shall be required to comply with the terms and conditions of this Section and the TOLLWAY shall be entitled to enforce a breach of that contract.

Any audit adjustment will be submitted on a final invoice for any underpayment or overpayment to the CONTRACTOR or its subcontractors. The CONTRACTOR shall promptly reimburse the TOLLWAY for any overpayment, or the TOLLWAY at its option may deduct any overpayment from any funds due the CONTRACTOR, whether those funds are due under this contract or other contracts to which the CONTRACTOR is a party either directly with the TOLLWAY or as a subcontractor. In the event the CONTRACTOR fails or refuses to reimburse the TOLLWAY for an overpayment, the CONTRACTOR shall be responsible for all costs, including attorney fees, incurred by the TOLLWAY to collect such overpayment.

Failure to maintain or make available the books, records, and supporting documents required by this Section shall establish a presumption in favor of the TOLLWAY for recovery of any funds paid by the TOLLWAY under the contract for which adequate books, records and supporting documentation are not available to support their purported disbursement.

The CONTRACTOR shall reimburse the TOLLWAY for the total costs of an audit that identifies

significant findings that would benefit the TOLLWAY, including but not limited to reasonable attorney's fees and other expenses. Significant findings for the purposes of this provision shall be identified as an amount in excess of $50,000 in aggregate of the audit report or findings of material performance or compliance deficiencies.

If the CONTRACTOR fails to comply with these requirements, the CONTRACTOR may be disqualified or suspended from bidding on or working on future contracts.

40. INSPECTOR GENERAL

The Vendor/Contractor hereby acknowledges that pursuant to Section 8.5 of the Toll Highway Act (605 ILCS 10/8.5) the Inspector General of the Illinois State Toll Highway Authority has the authority to conduct investigations into certain matters including but not limited to allegations of fraud, waste and abuse, and to conduct reviews. The Vendor/Contractor shall fully cooperate in any OIG investigation or review. Cooperation includes providing access to all information and documentation related to the goods/services described in this Agreement, and disclosing and making available all personnel involved or connected with these goods/services or having knowledge of these goods/services. All subcontracts must inform Subcontractors of this provision and their duty to comply.

41. ACCEPTANCE OF SCANNED SIGNATURES

Unless otherwise specified, the parties agree that bids, contracts, certifications and disclosures, and other contract related documents to be entered into in connection with the resulting contract will be considered signed when the signature of a party is delivered by scanned image (e.g. .pdf or .tiff file extension name) as an attachment to electronic mail (email). Such scanned signature will be treated in all respects as having the same effect as an original wet ink signature.

42. EXPATRIATED ENTITIES

Except in limited circumstances, no business or member of a unitary business group, as defined in the Illinois Income Tax Act, shall submit a bid for or enter into a contract with a State agency if that business or any member of the unitary business group is an expatriated entity.

PART II: Bid Requirements

Bid	Return with Bid
Bid Listing All Addenda	Return with Bid
Bid Bond	Return with Bid
Forms A or Forms B Disclosures	Return with Bid
Disadvantaged Business Enterprise DBE 2026 and DBE 2023 (if required) (Additional details including form DBE 2025(s) will be requested from the apparent low Bidder.)	Return with Bid
Veteran Small Business Participation VOSB 2026 and VOSB 2023 (if required) (Additional details including form VOSB 2025(s) will be requested from the apparent low Bidder.)	Return with Bid
Equal Employment Opportunity Program	Return with Bid
Bid Credit Program, if applicable	Return with Bid
I.D.O.T. Certificate of Eligibility (if required)	Return with Bid
Affidavit	Return with Bid
Responsible Bidder Affidavit	Will be Requested from the Apparent Low Bidder
Bidder Preferences	Return with Bid
Bidder List of Individual Contacts	Return with Bid
Plant and Equipment Questionnaire	Will be Requested from the Apparent Low Bidder
Illinois Tollway Standard Terms and Conditions	Return with Bid
Secretary of State Certificate of Good Standing	Will be Verified by the Tollway
State Board of Elections	Will be verified by the Tollway
Illinois Department of Human Rights	Will be verified by the Tollway

Prevailing Wage rates for Cook County effective Sept. 1, 2017												
Trade Title	**Region**	**Type**	**Class**	**Base Wage**	**Fore-man Wage**	**M-F OT**	**OSA**	**OSH**	**H/W**	**Pension**	**Vacation**	**Training**
ASBESTOS ABT-GEN	ALL	ALL		41.20	42.20	1.5	1.5	2	14.65	12.32	0.00	0.50
ASBESTOS ABT-MEC	ALL	BLD		37.46	39.96	1.5	1.5	2	11.62	11.06	0.00	0.72
BOILERMAKER	ALL	BLD		48.49	52.86	2	2	2	6.97	19.61	0.00	0.90
BRICK MASON	ALL	BLD		45.38	49.92	1.5	1.5	2	10.45	16.68	0.00	0.90
CARPENTER	ALL	ALL		46.35	48.35	1.5	1.5	2	11.79	18.87	0.00	0.63
CEMENT MASON	ALL	ALL		44.25	46.25	2	1.5	2	14.00	17.16	0.00	0.92
CERAMIC TILE FNSHER	ALL	BLD		[redacted]	[redacted]	1.5	1.5	2	[redacted]	[redacted]	0.00	[redacted]
COMM. ELECT.	ALL	BLD		43.10	45.90	1.5	1.5	2	8.88	13.22	1.00	0.85
ELECTRIC PWR EQMT OP	ALL	ALL		50.50	55.50	1.5	1.5	2	11.69	16.69	0.00	3.12
ELECTRIC PWR GRNDMAN	ALL	ALL		39.39	55.50	1.5	1.5	2	9.12	13.02	0.00	2.43
ELECTRIC PWR LINEMAN	ALL	ALL		50.50	55.50	1.5	1.5	2	11.69	16.69	0.00	3.12
ELECTRICIAN	ALL	ALL		47.40	50.40	1.5	1.5	2	14.33	16.10	1.00	1.18
ELEVATOR CONSTRUCTOR	ALL	BLD		51.94	58.43	2	2	2	14.43	14.96	4.16	0.90
FENCE ERECTOR	ALL	ALL		39.58	41.58	1.5	1.5	2	13.40	13.90	0.00	0.40
GLAZIER	ALL	BLD		42.45	43.95	1.5	1.5	2	14.04	20.14	0.00	0.94
HT/FROST INSULATOR	ALL	BLD		50.50	53.00	1.5	1.5	2	12.12	12.96	0.00	0.72
IRON WORKER	ALL	ALL		47.33	49.33	2	2	2	14.15	22.39	0.00	0.35
LABORER	ALL	ALL		41.20	41.95	1.5	1.5	2	14.65	12.32	0.00	0.50
LATHER	ALL	ALL		46.35	48.35	1.5	1.5	2	11.79	18.87	0.00	0.63
MACHINIST	ALL	BLD		[redacted]	[redacted]	1.5	1.5	2	7.05	8.95	1.85	[redacted]
MARBLE FINISHERS	ALL	ALL		33.95	33.95	1.5	1.5	2	10.45	15.52	0.00	0.47
MARBLE MASON	ALL	BLD		44.63	49.09	1.5	1.5	2	10.45	16.28	0.00	0.59
MATERIAL TESTER I	ALL	ALL		31.20	31.20	1.5	1.5	2	14.65	12.32	0.00	0.50
MATERIALS TESTER II	ALL	ALL		36.20	36.20	1.5	1.5	2	14.65	12.32	0.00	0.50
MILLWRIGHT	ALL	ALL		46.35	48.35	1.5	1.5	2	11.79	18.87	0.00	0.63

OPERATING ENGINEER	ALL	BLD	1	50.10	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	2	48.80	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	3	46.25	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	4	44.50	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	5	53.85	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	6	51.10	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	7	53.10	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	FLT	1	55.90	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	2	54.40	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	3	48.40	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	4	40.25	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	5	57.40	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	6	38.00	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	HWY	1	48.30	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	2	47.75	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	3	45.70	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	4	44.30	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	5	43.10	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	6	51.30	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	7	49.30	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
ORNAMNTL IRON WORKER	ALL	ALL		46.75	49.25	2	2	2	13.90	19.79	0.00	0.75
PAINTER	ALL	ALL		45.55	51.24	1.5	1.5	1.5	11.56	11.44	0.00	1.87
PAINTER SIGNS	ALL	BLD		37.45	42.05	1.5	1.5	2	2.60	3.18	0.00	0.00
PILEDRIVER	ALL	ALL		46.35	48.35	1.5	1.5	2	11.79	18.87	0.00	0.63
PIPEFITTER	ALL	BLD		47.50	50.50	1.5	1.5	2	[redacted]	17.85	0.00	[redacted]
PLASTERER	ALL	BLD		42.75	45.31	1.5	1.5	2	14.00	15.71	0.00	0.89
PLUMBER	ALL	BLD		49.25	52.20	1.5	1.5	2	14.34	13.35	0.00	1.28
ROOFER	ALL	BLD		42.30	45.30	1.5	1.5	2	9.08	12.14	0.00	0.58
SHEETMETAL WORKER	ALL	BLD		43.50	46.98	1.5	1.5	2	11.03	23.43	0.00	0.78
SIGN HANGER	ALL	BLD		31.31	33.81	1.5	1.5	2	4.85	3.28	0.00	0.00

SPRINKLER FITTER	ALL	BLD		47.20	49.20	1.5	1.5	2	12.25	11.55	0.00	0.55
STEEL ERECTOR	ALL	ALL		42.07	44.07	2	2	2	13.45	19.59	0.00	0.35
STONE MASON	ALL	BLD		45.38	49.92	1.5	1.5	2	10.45	16.68	0.00	0.90
TERRAZZO FINISHER	ALL	BLD		40.54	40.54	1.5	1.5	2	10.65	12.76	0.00	0.73
TERRAZZO MASON	ALL	BLD		44.38	47.88	1.5	1.5	2	10.65	14.15	0.00	0.82
TILE MASON	ALL	BLD		[redacted]	[redacted]	1.5	1.5	2	[redacted]	[redacted]	0.00	[redacted]
TRAFFIC SAFETY WRKR	ALL	HWY		33.50	[redacted]	1.5	1.5	2	6.00	7.25	0.00	0.50
TRUCK DRIVER	E	ALL	1	35.60	36.25	1.5	1.5	2	8.56	11.50	0.00	0.15
TRUCK DRIVER	E	ALL	2	35.85	36.25	1.5	1.5	2	8.56	11.50	0.00	0.15
TRUCK DRIVER	E	ALL	3	36.05	36.25	1.5	1.5	2	8.56	11.50	0.00	0.15
TRUCK DRIVER	E	ALL	4	36.25	36.25	1.5	1.5	2	8.56	11.50	0.00	0.15
TRUCK DRIVER	W	ALL	1	35.98	36.53	1.5	1.5	2	8.25	10.14	0.00	0.15
TRUCK DRIVER	W	ALL	2	36.13	36.53	1.5	1.5	2	8.25	10.14	0.00	0.15
TRUCK DRIVER	W	ALL	3	36.33	36.53	1.5	1.5	2	8.25	10.14	0.00	0.15
TRUCK DRIVER	W	ALL	4	36.53	36.53	1.5	1.5	2	8.25	10.14	0.00	0.15
TUCKPOINTER	ALL	BLD		45.42	46.42	1.5	1.5	2	8.32	15.42	0.00	0.80

Legend

M-F OT Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.

OSA Overtime pay required for every hour worked on Saturdays

OSH Overtime pay required for every hour worked on Sundays and Holidays

H/W Health/Welfare benefit

Explanations COOK COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

TRUCK DRIVERS (WEST) - That part of the county West of Barrington Road.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date. ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS ELECTRICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice sound vision production and reproduction, telephone and telephone interconnect, facsimile, data apparatus, coaxial, fibre optic and wireless equipment, appliances and systems used for the transmission and reception of signals of any nature, business, domestic, commercial, education, entertainment, and residential purposes, including but not limited to, communication and telephone, electronic and sound equipment, fibre optic and data communication systems, and the performance of any task directly related to such installation or service whether at new or existing sites, such tasks to include the placing of wire and cable and electrical power conduit or other raceway work within the equipment room and pulling wire and/or cable through conduit and the installation of any incidental conduit, such that the employees covered hereby can complete any job in full.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under: Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum;

Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines: ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane: Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.;

Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000 pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

Class 6. ROV Pilot, ROV Tender

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

TRAFFIC SAFETY

Effective November 30, 2018, the description of the traffic safety worker trade in this County is as follows: Work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary, non-temporary or permanent lane, pavement or roadway markings, and the installation and removal of temporary road signs.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - EAST & WEST

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

BID

CONTRACT NO. I-18-4430

Bids will be received by The Illinois State Toll Highway Authority at its offices, 2700 Ogden Avenue, Downers Grove, Illinois, 60515 until 10:30:00 a.m., local time, April 5, 2019 and immediately thereafter publicly opened and read aloud.

TO THE CHAIRMAN OF THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY:

The undersigned hereby proposes to perform: The reconstruction of portions of I-294 mainline, bridge replacement of bridge number 191 carrying northbound I-294 over CNRR, I&M Canal, Chicago Sanitary & Ship Canal, MWRD Property, Cook County Forrest Preserve, Des Plaines River, BNSF RR, Santa Fe Drive, and the 75th Street Ramps, replacement of portions of bridge numbers 183 and 184 carrying I-294 over LaGrange Road, reconstruction of portions of the 75th Street ramps, performance based noise and retaining walls, cofferdams and causeways, detention pond and other drainage improvements, temporary soil retention, fire protection system, demolition of structures, protective shield, temporary erosion and sediment control, and Maintenance of Traffic.

The services will be performed within the: Tri-State Tollway (I-294) between Mile Post 20.7 and Mile Post 22.3 in Cook County, Illinois.

The undersigned declares that the Advertisement for Sealed Bids, Instructions to Bidders, this Bid Form, IDOT Standard Specifications, Tollway Supplemental Specifications, Special Provisions, Plans, Addenda to the foregoing (if any), form of Agreement, forms of Contract Bonds, and other exhibits (if any), on file at the office of The Illinois State Toll Highway Authority have been carefully examined, and that the undersigned has inspected in detail the site of the proposed Work, and familiarized itself with all of the conditions affecting the Contract, and that has satisfied itself as to The Work to be done and the conditions under which it must be carried out, and understands that in submitting this Bid waives all rights to plead any misunderstanding regarding the same.

The undersigned hereby tenders this Bid to construct and complete said Work in accordance with the Plans, IDOT Standard Specifications, Tollway Supplemental Specifications (if any), and the accompanying Special Provisions now on file in the office of The Illinois State Toll Highway Authority, and the following addenda issued thereto:

Addendum No. 1 Date February 8, 2019
Addendum No. 2 Date February 19, 2019
Addendum No. 3 Date March 1, 2019
Addendum No. 4 Date March 12, 2019
Addendum No. 5 Date March 22, 2019
Addendum No. 6 Date April 1, 2019

The undersigned further agrees to furnish all necessary transportation, machinery, equipment, tools, labor and other means of construction; and to do all the work and to furnish all of the materials specified in the Contract in the manner and at the times prescribed under the supervision and direction of the Authority or its authorized representatives, for the lump sums and unit prices quoted in the following Schedule of Prices:

Accompanying this Bid is a Bid Guaranty:

(a) Evidence by a bank draft, cashier's check or certified check on ___, Bank, for $_____, payable to The Illinois State Toll Highway Authority, or

(b) A Bid Bond in favor of the Authority for $ 5% of Amount Bid , with a corporate surety authorized to do business in the State of Illinois.

In the event that this Bid shall be accepted by The Illinois State Toll Highway Authority, and the undersigned should fail to execute a Contract with and furnish the security required by the Authority, as set forth in the Standard Specifications, within ten (10) days after receipt of notice of the acceptance of the Bid, such draft or check shall become the property of the Authority, or if a Bid Bond has been submitted, the principal amount of said Bid Bond shall become immediately due and payable to the Authority; otherwise the Bid Guaranty will be returned to the Bidder upon written request, as soon as the Contract and Contract Bonds have been executed. If a bid guaranty is secured by a check, the check will be returned to the Bidder.

Pursuant to the provisions of the Prevailing Wage Act, 820 ILCS 130, the undersigned, as part of its Bid for the construction of The Illinois State Toll Highway **Contract I-18-4430,** hereby stipulates that, if awarded a Contract on said Bid, it will pay the laborers, mechanics and other workers who are employed in the performance of such work hourly wages not less than the minimum hourly wages stated in the instructions to Bidders; and that its computations in arriving at said Bid are based on hourly wages not less than those stated in the instructions to Bidders; and that if a Contract be entered into under said Bid, the minimum hourly wage rates stated in the instructions to Bidders shall become and be a part of said Contract as provided by law.

It is understood that the quantities of work and material shown herein in the Schedule of Prices of the Bid are approximate only, and are subject to increase or decrease as provided in the Standard Specifications. Such increase or decrease shall in no manner affect the validity of the Contract.

On the acceptance of this Bid for said work, the undersigned will furnish and deliver the Performance and Payment Bonds, in the forms required and furnished by the Authority and included in the Contract Documents, with a corporate surety acceptable to the Authority and authorized to do business in the State of Illinois, conditioned as stated in said bonds.

The undersigned has also properly executed or caused to be executed by an officer thereof, if a corporation, the non-collusion affidavit filed with this Bid.

Unless otherwise specified, a current Illinois Department of Transportation "Certificate of Eligibility" shall be included with this bid, or shall be submitted within twenty-four (24) hours after the bid opening. **Failure to meet this requirement shall be grounds for rejection of the bid, per Article 102.13 of the Tollway Supplemental Specifications.**

The undersigned is aware that, completely filled out forms of the Authority entitled "Plant and Equipment Questionnaire" and "Current Contractual Obligations," will be requested from the apparent low Bidder once the apparent low Bidder is determined as required by the Tollway Supplemental Specifications.

It is agreed that time is of the essence of this Contract and that I (we) will, in the event of my (our) failure to complete the Contract within the time limit named above, pay to The Illinois State Toll Highway Authority liquidated damages in the amount stated in the Special Provision, based on the price(s) shown in the Schedule of Prices of the Bid.

The undersigned is (check one)
an individual ☐
a Partnership ☒
a Corporation ☐ under the laws of the State of _____

having principal office at Cook County, Illinois and has furnished to the Authority the necessary evidence of authority to transact business in the State of Illinois, in accordance with Paragraph 10 of the Instructions to Bidders.

Signed and sealed this 4th day of April, 2019, by its Authorized Agent & VP, thereunto duly authorized.

F.H. Paschen, S.N. Nielsen & Associates LLC (SEAL)

(SEAL)

Affix Corporate Seal BY:

or Power of Attorney Where Applicable

Roland Schneider, Authorized Agent & VP

Information below to be typed or printed where applicable.

INDIVIDUAL:

Name	Address

PARTNERSHIP - NAME AND ADDRESS OF GENERAL PARTNERS:

Name	Address
See Attached	

INCORPORATED:

President	Address
Vice-President	Address
Secretary	Address
Treasurer	Address

Bid Notes

Each bid solicitation will have a contract-specific Bid Credit cap on the amount of Bid Credit that can be applied to the contract. This particular solicitation has a Bid Credit cap of $500,000.00. Any Bid Credits applied above and beyond the Bid Credit cap will not be considered.

A. Core Work shall be the sum of the unit prices supplied by the Bidder multiplied by the pay item quantity.
B. Unit prices for Contractor's Quality Program and Contingency Work will be supplied by the Illinois Tollway with the sum total of this work completed by the Illinois Tollway and included in the P-pages.
C. Base Bid will be calculated as: Total Amount of Core Work + Contractor's Quality Program + Total Amount of Contingency Work
D. Bid Credit is to include the total amount of Bid Credits applied to the bid
E. Award Criteria will be calculated by the Illinois Tollway and will be calculated as follows: Base Bid minus Bid Credit.

All Bid Credit Certificates used to arrive at the bid credit included on Bid Credit Line must be included in the original bid package. All Bid Credit Certificates applied to a successful bid will become null and void at the time the Bidder's award criteria figure is deemed the lowest most responsible and responsive bid and the bid is awarded by the Illinois Tollway's Board of Directors, at which time the Bid Credit Certificate shall not be available for inclusion in any other bid.

All blank spaces for bid prices must be filled in with the unit price, or lump sum price, and the total price for each and every item (which prices must be more than $0.00). Bids which do not contain a price for every item listed in the Schedule of Prices for the Contract being bid, will not be considered, unless alternate bids are requested.
The Contractor shall complete all work under this Agreement for the performance of Contract No. I-18-4430 as specified in S.P. 103.1

Contractor Name ====>>>>>>>>>>> **F.H. Paschen, S.N. Nielsen & Assoc., LLC**

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	571.0	8.00	4,568.00
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	649.0	9.00	5,841.00
*	20100500	TREE REMOVAL, ACRES	ACRE	10.0	2,400.00	24,000.00
	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	500.0	15.00	7,500.00
	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	250.0	25.00	6,250.00
*	20200100	EARTH EXCAVATION	CU YD	67,644.0	18.00	1,217,592.00
*	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	6,725.0	35.00	235,375.00
	20400800	FURNISHED EXCAVATION	CU YD	115,900.0	0.01	1,159.00
	20700220	POROUS GRANULAR EMBANKMENT	CU YD	8,934.0	38.00	339,492.00
	20800150	TRENCH BACKFILL	CU YD	6,676.0	27.75	185,259.00
	21400100	GRADING AND SHAPING DITCHES	FOOT	1,790.0	7.00	12,530.00
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,071.0	3.00	3,213.00
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	3,213.0	3.00	9,639.00
	25000750	MOWING	ACRE	61.3	500.00	30,650.00
	25100127	MULCH, METHOD 3A	ACRE	61.3	1,600.00	98,080.00
	30201500	LIME	TON	200.0	92.00	18,400.00
	30201600	FLY ASH	TON	200.0	92.00	18,400.00
	31100200	SUBBASE GRANULAR MATERIAL, TYPE A	CU YD	857.0	40.00	34,280.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	1,972.0	28.00	55,216.00
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	2,641.0	7.00	18,487.00
	35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	7,116.0	23.59	167,866.44
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	3,767.0	32.36	121,900.12
	35800100	PREPARATION OF BASE	SQ YD	7,368.0	3.00	22,104.00
	35800200	AGGREGATE BASE REPAIR	TON	55.0	20.00	1,100.00
	40200500	AGGREGATE SURFACE COURSE, TYPE A 6"	SQ YD	7,395.0	9.00	66,555.00
	40200700	AGGREGATE SURFACE COURSE, TYPE A 8"	SQ YD	274.0	12.00	3,288.00
	40300400	BITUMINOUS MATERIALS (COVER AND SEAL COATS)	TON	1.0	6,000.00	6,000.00
	40300600	SEAL COAT AGGREGATE	TON	3.0	6,000.00	18,000.00
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1,186.0	0.95	1,126.70
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5.0	0.95	4.75
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,460.0	10.00	14,600.00
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	503.0	83.68	42,091.04
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1,673.0	92.93	155,471.89
	42001300	PROTECTIVE COAT	SQ YD	20,987.0	0.01	209.87
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	167.0	90.49	15,111.83
	44000100	PAVEMENT REMOVAL	SQ YD	29,677.0	16.00	474,832.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	60.0	41.00	2,460.00
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	188.0	9.00	1,692.00
	44000400	GUTTER REMOVAL	FOOT	2,850.0	11.00	31,350.00
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	613.0	18.00	11,034.00
	44001980	CONCRETE BARRIER REMOVAL	FOOT	77.0	47.00	3,619.00
	44004000	PAVED DITCH REMOVAL	FOOT	1,460.0	16.00	23,360.00
	44004250	PAVED SHOULDER REMOVAL	SQ YD	29,926.0	13.00	389,038.00
	44200569	CLASS A PATCHES, TYPE III, 11 INCH	SQ YD	76.0	750.00	57,000.00
	44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	67.0	95.28	6,383.76
	44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	118.0	95.28	11,243.04
	48100300	AGGREGATE SHOULDERS, TYPE A 4"	SQ YD	453.0	10.00	4,530.00
	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	209.0	25.00	5,225.00
	50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1.0	1,272,000.00	1,272,000.00
	50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1.0	1,795,000.00	1,795,000.00
	50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1.0	2,325,000.00	2,325,000.00
	50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1.0	125,000.00	125,000.00
	50102400	CONCRETE REMOVAL	CU YD	93.0	1,500.00	139,500.00
	50104400	CONCRETE HEADWALL REMOVAL	EACH	14.0	1,109.00	15,526.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	50105220	PIPE CULVERT REMOVAL	FOOT	65.0	20.00	1,300.00
	50157300	PROTECTIVE SHIELD	SQ YD	46,334.0	60.00	2,780,040.00
	50200100	STRUCTURE EXCAVATION	CU YD	26,530.0	37.00	981,610.00
	50200300	COFFERDAM EXCAVATION	CU YD	340.0	150.00	51,000.00
	50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	5,697.0	35.00	199,395.00
	50201121	COFFERDAM (TYPE 2) (LOCATION - 1)	EACH	1.0	300,000.00	300,000.00
	50201122	COFFERDAM (TYPE 2) (LOCATION - 2)	EACH	1.0	300,000.00	300,000.00
	50201123	COFFERDAM (TYPE 2) (LOCATION - 3)	EACH	1.0	200,000.00	200,000.00
	50300225	CONCRETE STRUCTURES	CU YD	4,792.0	550.00	2,635,600.00
	50300255	CONCRETE SUPERSTRUCTURE	CU YD	1,718.0	750.00	1,288,500.00
	50300265	SEAL COAT CONCRETE	CU YD	193.0	250.00	48,250.00
	50300300	PROTECTIVE COAT	SQ YD	63,040.0	0.90	56,736.00
	50500505	STUD SHEAR CONNECTORS	EACH	36,528.0	5.00	182,640.00
	50800105	REINFORCEMENT BARS	POUND	932,690.0	1.44	1,343,073.60
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,930,360.0	1.41	2,721,807.60
	50800515	BAR SPLICERS	EACH	412.0	40.04	16,496.48
	50800530	MECHANICAL SPLICERS	EACH	1,180.0	132.23	156,031.40
	51100100	SLOPE WALL 4 INCH	SQ YD	660.0	85.00	56,100.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	51201400	FURNISHING STEEL PILES HP10X42	FOOT	4,961.0	16.00	79,376.00
	51201800	FURNISHING STEEL PILES HP14X73	FOOT	2,092.0	28.00	58,576.00
	51201900	FURNISHING STEEL PILES HP14X89	FOOT	3,816.0	30.00	114,480.00
	51202000	FURNISHING STEEL PILES HP14X102	FOOT	4,849.0	51.00	247,299.00
	51202305	DRIVING PILES	FOOT	15,718.0	1.00	15,718.00
	51203400	TEST PILE STEEL HP10X42	EACH	6.0	1.00	6.00
	51203800	TEST PILE STEEL HP14X73	EACH	1.0	1.00	1.00
	51203900	TEST PILE STEEL HP14X89	EACH	2.0	1.00	2.00
	51204000	TEST PILE STEEL HP14X102	EACH	4.0	1.00	4.00
	51204650	PILE SHOES	EACH	369.0	120.00	44,280.00
	51602000	PERMANENT CASING	FOOT	2,391.0	300.00	717,300.00
GBSP	51603000	DRILLED SHAFT IN SOIL	CU YD	3,574.0	925.00	3,305,950.00
GBSP	51604000	DRILLED SHAFT IN ROCK	CU YD	952.0	3,250.00	3,094,000.00
	52000110	PREFORMED JOINT STRIP SEAL	FOOT	231.0	125.00	28,875.00
	52100520	ANCHOR BOLTS, 1"	EACH	1,120.0	180.20	201,824.00
	52100540	ANCHOR BOLTS, 1 1/2"	EACH	88.0	94.50	8,316.00
	52100560	ANCHOR BOLTS, 2"	EACH	80.0	131.00	10,480.00
	52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	3,338.0	100.00	333,800.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2.0	7,719.00	15,438.00
	54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	1.0	15,000.00	15,000.00
	54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	1.0	10,000.00	10,000.00
	54010603	PRECAST CONCRETE BOX CULVERTS 6' X 3'	FOOT	354.0	422.25	149,476.50
	54010604	PRECAST CONCRETE BOX CULVERTS 6' X 4'	FOOT	47.0	603.00	28,341.00
	54215460	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 60"	EACH	1.0	15,912.82	15,912.82
	54248510	CONCRETE COLLAR	CU YD	2.0	6,551.00	13,102.00
	5425A066	PIPE CULVERTS, CLASS A, TYPE 5 66" (TEMPORARY)	FOOT	110.0	264.65	29,111.50
BDE	54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	78.0	115.15	8,981.70
BDE	54263272	CONCRETE END SECTION, STANDARD 542011, 72", 1: 2	EACH	1.0	22,400.00	22,400.00
	542A3415	PIPE CULVERTS, CLASS A, TYPE 5 60"	FOOT	38.0	430.80	16,370.40
	542C5497	PIPE CULVERTS, CLASS C, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	116.0	227.00	26,332.00
*	542JA048	PIPE CULVERTS, CLASS A 48" (JACKED)	FOOT	498.0	1,435.00	714,630.00
*	542JA060	PIPE CULVERTS, CLASS A 60" (JACKED)	FOOT	352.0	1,535.00	540,320.00
*	542JC048	PIPE CULVERTS, CLASS C 48" (JACKED)	FOOT	90.0	755.00	67,950.00
	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	237.0	66.00	15,642.00
	550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	11.0	75.45	829.95
	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	89.0	53.40	4,752.60

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	170.0	52.45	8,916.50
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	68.0	42.15	2,866.20
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	669.0	48.65	32,546.85
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	1,051.0	49.30	51,814.30
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	773.0	52.65	40,698.45
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	373.0	87.90	32,786.70
	550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	417.0	177.05	73,829.85
	550A0490	STORM SEWERS, CLASS A, TYPE 2 54"	FOOT	235.0	218.50	51,347.50
	550A0680	STORM SEWERS, CLASS A, TYPE 3 18"	FOOT	58.0	90.05	5,222.90
	550A1000	STORM SEWERS, CLASS A, TYPE 4 21"	FOOT	101.0	111.05	11,216.05
	550A1010	STORM SEWERS, CLASS A, TYPE 4 24"	FOOT	205.0	101.25	20,756.25
	550A4750	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 72"	FOOT	239.0	336.85	80,507.15
	55100200	STORM SEWER REMOVAL 6"	FOOT	45.0	5.85	263.25
	55100300	STORM SEWER REMOVAL 8"	FOOT	56.0	14.10	789.60
	55100500	STORM SEWER REMOVAL 12"	FOOT	1,615.0	3.70	5,975.50
	55100700	STORM SEWER REMOVAL 15"	FOOT	1,188.0	4.85	5,761.80
	55100900	STORM SEWER REMOVAL 18"	FOOT	486.0	1.05	510.30
	55101200	STORM SEWER REMOVAL 24"	FOOT	566.0	1.40	792.40

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	55101600	STORM SEWER REMOVAL 36"	FOOT	42.0	6.25	262.50
	55101800	STORM SEWER REMOVAL 42"	FOOT	64.0	8.20	524.80
	55102000	STORM SEWER REMOVAL 54"	FOOT	267.0	11.80	3,150.60
	55102400	STORM SEWER REMOVAL 78"	FOOT	233.0	41.80	9,739.40
*	55201500	STORM SEWERS JACKED IN PLACE, 42"	FOOT	438.0	1,320.00	578,160.00
*	55201600	STORM SEWERS JACKED IN PLACE, 48"	FOOT	421.0	1,435.00	604,135.00
*	56105000	WATER VALVES 8"	EACH	1.0	553.00	553.00
*	56105410	WATER VALVES 20"	EACH	2.0	4,240.00	8,480.00
*	56400825	FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE	EACH	7.0	5,153.00	36,071.00
	58000100	MEMBRANE WATERPROOFING	SQ FT	4,270.0	4.38	18,702.60
	58700300	CONCRETE SEALER	SQ FT	64,962.0	1.40	90,946.80
	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	844.0	25.00	21,100.00
	60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME , CLOSED LID	EACH	4.0	4,223.00	16,892.00
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	6.0	4,078.00	24,468.00
	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1.0	3,666.00	3,666.00
*	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	25.0	2,717.00	67,925.00
*	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1.0	9,115.00	9,115.00
*	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	10.0	6,329.00	63,290.00

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*	60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5.0	8,504.00	42,520.00
*	60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4.0	14,454.00	57,816.00
*	60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME , CLOSED LID	EACH	1.0	3,166.00	3,166.00
*	60249010	VALVE VAULTS, TYPE A, 6'-DIAMETER, TYPE 1 FRAME , CLOSED LID	EACH	2.0	5,220.00	10,440.00
	60253000	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	16.0	1,503.00	24,048.00
	60253100	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4.0	1,506.00	6,024.00
	60500040	REMOVING MANHOLES	EACH	15.0	263.00	3,945.00
	60500050	REMOVING CATCH BASINS	EACH	4.0	263.00	1,052.00
	60500060	REMOVING INLETS	EACH	10.0	263.00	2,630.00
	60500105	FILLING MANHOLES	EACH	3.0	184.00	552.00
*	60603900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)	FOOT	178.0	39.02	6,945.56
	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2.0	3,282.94	6,565.88
	63200310	GUARDRAIL REMOVAL	FOOT	4,740.0	6.35	30,099.00
	64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2.0	27,867.92	55,735.84
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	14,070.0	0.01	140.70
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	492.0	1.00	492.00
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	1,080.0	23.00	24,840.00
BDE	70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	187.0	3.50	654.50

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BDE	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	176,833.0	0.90	159,149.70
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1,875.0	10.00	18,750.00
	70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1.0	3,000.00	3,000.00
	70600280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3	EACH	3.0	13,688.69	41,066.07
	70600370	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, NARROW), TEST LEVEL 3	EACH	7.0	3,258.69	22,810.83
	73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	5.0	10,750.00	53,750.00
	73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	8.0	710.00	5,680.00
	73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	8.0	710.00	5,680.00
	73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	10.0	2,150.00	21,500.00
	78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	83.0	10.00	830.00
	78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	143,130.0	0.58	83,015.40
	78200006	GUARDRAIL REFLECTORS, TYPE B	EACH	2.0	8.71	17.42
	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	52.0	12.50	650.00
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	41.0	52.50	2,152.50
	81028720	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.	FOOT	525.0	8.00	4,200.00
	81100800	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., GALVANIZED STEEL	FOOT	20.0	84.00	1,680.00
	81200215	CONDUIT EMBEDDED IN STRUCTURE, 1 1/4" DIA., PVC	FOOT	4,922.0	2.00	9,844.00
	81300900	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 20" X 16" X 6"	EACH	6.0	4,200.00	25,200.00

Contractor Name ====>>>>>>>>>>> **F.H. Paschen, S.N. Nielsen & Assoc., LLC**

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	81603081	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	775.0	14.00	10,850.00
	81800150	AERIAL CABLE, 3-1/C NO. 3/0 WITH MESSENGER WIRE	FOOT	162.0	7.00	1,134.00
	81800340	AERIAL CABLE, 3-1/C NO. 8 WITH MESSENGER WIRE	FOOT	1,871.0	4.00	7,484.00
	81800400	AERIAL CABLE, 4-1/C NO. 2 WITH MESSENGER WIRE	FOOT	11,638.0	5.50	64,009.00
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	401.0	220.00	88,220.00
	83700300	LIGHT TOWER FOUNDATION, 48" DIAMETER	FOOT	27.0	1,025.00	27,675.00
	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	3.0	662.00	1,986.00
	84200804	REMOVAL OF POLE FOUNDATION	EACH	7.0	299.00	2,093.00
	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	5.0	1,226.00	6,130.00
	87900200	DRILL EXISTING HANDHOLE	EACH	19.0	187.00	3,553.00
*	89000200	TEMPORARY TRAFFIC SIGNAL INSTALLATION	L SUM	1.0	48,156.00	48,156.00
	89502380	REMOVE EXISTING HANDHOLE	EACH	14.0	680.00	9,520.00
GBSP	X0320051	CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	6,014.0	5.25	31,573.50
GBSP	X0320052	CROSSHOLE SONIC LOGGING TESTING	EACH	157.0	734.90	115,379.30
*	X0322916	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	5.0	1,079.00	5,395.00
*	X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	5.0	1,079.00	5,395.00
*	X0322918	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	15.0	1,053.00	15,795.00
*	X0322924	RETAINING WALL REMOVAL	SQ FT	6,388.0	3.00	19,164.00
*	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	13.0	20.00	260.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	X0323814	SANITARY SEWER REMOVAL, 18"	FOOT	137.0	23.00	3,151.00
*	X0323868	DRAINAGE RESTRICTOR	EACH	1.0	6,305.00	6,305.00
*	X0325349	TEMPORARY CONCRETE BARRIER (TO REMAIN PERMANENTLY)	FOOT	1,887.5	25.00	47,187.50
*	X0325815	REMOVE EXISTING CABLE	FOOT	12,886.0	1.00	12,886.00
*	X0326358	STORM WATER TREATMENT SYSTEM	EACH	4.0	56,090.00	224,360.00
*	X0326458	PAVEMENT REPLACEMENT, SPECIAL	SQ YD	276.0	198.50	54,786.00
*	X0326659	CURED-IN-PLACE PIPE LINER, 18"	FOOT	326.0	90.00	29,340.00
*	X0326661	CURED-IN-PLACE PIPE LINER, 21"	FOOT	66.0	150.00	9,900.00
*	X0327357	CONSTRUCTION VIBRATION MONITORING	L SUM	1.0	300,000.00	300,000.00
*	X0327786	CURED-IN-PLACE PIPE LINER, 15"	FOOT	232.0	350.00	81,200.00
*	X0487800	SANITARY SEWER REMOVAL 12"	FOOT	92.0	17.15	1,577.80
*	X0900029	TEMPORARY SUPPORT SYSTEM (TO REMAIN IN PLACE)	EACH	1.0	9,000.00	9,000.00
*	X1200042	MANHOLES, TYPE A, 9'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	EACH	1.0	27,654.00	27,654.00
*	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	502.0	60.00	30,120.00
GBSP	X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	47,526.0	10.00	475,260.00
*	X5030290	STAINING CONCRETE STRUCTURES	SQ FT	898.0	25.50	22,899.00
*	X5041800	CONCRETE ANCHORS	EACH	16.0	42.25	676.00
*	X5210130	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 300K	EACH	22.0	3,090.00	67,980.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	X5210140	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 350K	EACH	49.0	4,285.00	209,965.00
*	X5210150	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 400K	EACH	84.0	4,365.00	366,660.00
*	X5210160	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 450K	EACH	57.0	4,305.00	245,385.00
*	X5210380	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 900K	EACH	11.0	4,725.00	51,975.00
*	X5210790	HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 300K	EACH	12.0	2,925.00	35,100.00
*	X5428860	CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 60" (SPECIAL)	EACH	2.0	18,216.74	36,433.48
*	X5538700	STORM SEWERS TO BE CLEANED 42"	FOOT	148.0	18.00	2,664.00
*	X5538900	STORM SEWERS TO BE CLEANED 54"	FOOT	600.0	21.00	12,600.00
*	X5610706	WATER MAIN REMOVAL, 6"	FOOT	90.0	11.70	1,053.00
*	X5630006	CUT AND CAP EXISTING 6" WATER MAIN	EACH	1.0	4,888.00	4,888.00
*	X5630008	CUT AND CAP EXISTING 8" WATER MAIN	EACH	1.0	9,880.00	9,880.00
*	X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	2.0	8,716.00	17,432.00
*	X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3.0	6,368.00	19,104.00
*	X6026622	VALVE VAULTS TO BE REMOVED	EACH	4.0	1,856.00	7,424.00
*	X6640525	CHAIN LINK FENCE, 4' ATTACHED TO STRUCTURE	FOOT	1,000.0	40.05	40,050.00
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1.0	32,000.00	32,000.00
BDE	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	50,925.0	0.25	12,731.25
*	X7330091	CONDUIT CONNECTION CAP	EACH	28.0	245.00	6,860.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	X8130125	REMOVE EXISTING JUNCTION BOX	EACH	21.0	166.00	3,486.00
*	X8211000	UNDERPASS LUMINAIRE (SPECIAL)	EACH	18.0	2,100.00	37,800.00
*	X8420111	REMOVAL OF UNDERPASS LIGHTING UNIT, NO SALVAGE	EACH	14.0	970.00	13,580.00
*	X8951011	REMOVE AERIAL CABLE	FOOT	570.0	3.00	1,710.00
*	Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	5.0	1,115.00	5,575.00
GBSP	Z0021908	SILICONE JOINT SEALER, 2"	FOOT	21.0	25.00	525.00
*	Z0023500	FILLING EXISTING CULVERTS	CU YD	552.0	252.55	139,407.60
*	Z0026400	FURNISHING AND PLACING SAND FILL	CU YD	150.0	75.00	11,250.00
D1	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	103.0	20.00	2,060.00
D1	Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	19.0	600.00	11,400.00
*	Z0034212	MECHANICALLY STABILIZED EARTH RETAINING WALL , SPECIAL	SQ FT	6,860.0	40.00	274,400.00
GBSP	Z0034396	MODULAR EXPANSION JOINT 12"	FOOT	368.0	1,550.00	570,400.00
GBSP	Z0034398	MODULAR EXPANSION JOINT 15"	FOOT	184.0	2,400.00	441,600.00
*	Z0044298	PRESSURE CONNECTION TO EXISTING WATER MAIN	EACH	3.0	14,367.00	43,101.00
GBSP	Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	1,632.0	25.00	40,800.00
*	Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	44.0	1,224.80	53,891.20
*	Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	24.0	114.30	2,743.20

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	253.0	106.15	26,855.95
*	Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	235.0	211.70	49,749.50
*	Z0056631	STORM SEWER (WATER MAIN REQUIREMENTS) EQUIVALENT ROUND-SIZE 24 INCH	FOOT	137.0	211.70	29,002.90
*	Z0057300	SANITARY SEWER 18"	FOOT	231.0	96.20	22,222.20
*	Z0062456	TEMPORARY PAVEMENT	SQ YD	3,170.0	47.25	149,782.50
*	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1.0	1,000.00	1,000.00
*	XX003453	REMOVAL OF EXISTING AERIAL CABLE ASSEMBLY, NO SALVAGE	FOOT	9,694.0	2.00	19,388.00
*	JA000113	BUTTERFLY VALVE AND VAULT, 20"	EACH	1.0	20,533.00	20,533.00
*	JA000125	BUTTERFLY VALVE AND VAULT, 36"	EACH	3.0	41,135.00	123,405.00
*	JA000150	DUCTILE IRON WATER MAIN CAP, 8"	EACH	1.0	4,878.00	4,878.00
*	JA000153	DUCTILE IRON WATERMAIN CAP, 14"	EACH	4.0	3,867.00	15,468.00
*	JA000155	DUCTILE IRON WATER MAIN CAP, 20"	EACH	3.0	5,689.00	17,067.00
*	JA000169	NON-PRESSURE CONNECTION TO EXISTING WATER MAIN, 20"	EACH	3.0	15,903.00	47,709.00
*	JA000210	DUCTILE IRON WATER MAIN, 6", RESTRAINED JOINT PIPE	FOOT	50.0	193.65	9,682.50
*	JA000218	DUCTILE IRON WATER MAIN, 14", RESTRAINED JOINT PIPE	FOOT	349.0	233.80	81,596.20
*	JA000222	DUCTILE IRON WATER MAIN, 20", RESTRAINED JOINT PIPE	FOOT	575.0	515.05	296,153.75
*	JA000265	STEEL CASING PIPE, 54"	FOOT	551.0	630.30	347,295.30
*	JA000425	REMOVAL OF EXISTING WATER MAIN, 36"	FOOT	340.0	60.00	20,400.00
*	JA000477	ABANDON EXISTING WATER MAIN IN PLACE, 8"	FOOT	56.0	77.55	4,342.80

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*	JA000481	ABANDON EXISTING WATER MAIN IN PLACE, 14"	FOOT	379.0	56.35	21,356.65
*	JA000485	ABANDON EXISTING WATER MAIN IN PLACE, 20"	FOOT	646.0	34.60	22,351.60
*	JA000500	ABANDON EXISTING WATER MAIN IN PLACE, 36"	FOOT	777.0	86.20	66,977.40
*	JA000595	STEEL STORM SEWER, 18"	FOOT	143.0	110.50	15,801.50
*	JA000670	FIRE HYDRANTS REMOVAL	EACH	2.0	648.00	1,296.00
*	JA000830	PVC WATER MAIN, 20"	FOOT	16.0	538.00	8,608.00
*	JA000840	PVC WATER MAIN, 36"	FOOT	1,136.0	728.70	827,803.20
*	JA000850	PVC WATER MAIN CAP, 20"	EACH	1.0	2,515.00	2,515.00
*	JA000860	PVC WATER MAIN CAP, 36"	EACH	2.0	2,514.00	5,028.00
*	JI209030	POROUS GRANULAR EMBANKMENT	CU YD	5.0	100.00	500.00
*	JI211110	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	53,525.0	0.01	535.25
*	JI213004	EXPLORATION TRENCH, UTILITIES (HAND EXCAVATION)	FOOT	3,802.0	45.00	171,090.00
*	JI213006	EXPLORATION TRENCH, UTILITIES (VACUUM EXCAVATION)	FOOT	3,020.0	60.00	181,200.00
*	JI251010	EROSION CONTROL BLANKET, BIODEGRADABLE NETTING	SQ YD	165,548.0	1.30	215,212.40
*	JI251015	HEAVY DUTY EROSION CONTROL BLANKET, BIODEGRADABLE NETTING	SQ YD	7,957.0	1.60	12,731.20
*	JI282010	SUBGRADE FILTER FABRIC	SQ YD	29,688.0	1.40	41,563.20
*	JI312022	STABILIZED SUBBASE – WMA, 3"	SQ YD	22,508.0	14.33	322,539.64
*	JI406037	MATERIAL TRANSFER DEVICE	TON	3,951.0	6.00	23,706.00
*	JI406041	STONE MATRIX WARM MIX ASPHALT BINDER COURSE, IL-9.5, N80	TON	1,451.0	149.00	216,199.00
*	JI406043	STONE MATRIX WARM MIX ASPHALT SURFACE FRICTION COURSE, IL9.5 N80	TON	131.0	149.00	19,519.00
*	JI406048	STONE MATRIX WARM MIX ASPHALT SURFACE FRICTION COURSE, IL12.5 N80	TON	2,448.0	149.00	364,752.00
*	JI406107	ASPHALT TACK COAT	POUND	47,356.0	0.01	473.56

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*	JI406510	WARM-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	985.0	85.00	83,725.00
*	JI406900	CONSTRUCTING WARM MIX ASPHALT TEST STRIP	EACH	2.0	15,000.00	30,000.00
*	JI420040	BRIDGE APPROACH SLAB	SQ YD	1,657.0	500.00	828,500.00
*	JI420041	TRANSITION APPROACH SLAB	SQ YD	3,293.0	150.00	493,950.00
*	JI420046	TRANSITION APPROACH SHOULDER SLAB	SQ YD	144.0	250.00	36,000.00
*	JI440010	CONCRETE MEDIAN BARRIER AND BASE REMOVAL	FOOT	4,862.0	30.00	145,860.00
*	JI440022	SHOULDER RUMBLE STRIP REMOVAL	SQ YD	572.0	30.00	17,160.00
*	JI481070	AGGREGATE SHOULDERS SPECIAL, TYPE C	TON	186.0	40.00	7,440.00
*	JI481130	AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 4"	SQ YD	1,792.0	10.00	17,920.00
*	JI482104	WARM-MIX ASPHALT SHOULDERS (6 IN.)	SQ YD	1,816.0	38.70	70,279.20
*	JI482128	WARM-MIX ASPHALT SHOULDERS, SPECIAL (9 IN.)	SQ YD	5,818.0	55.13	320,746.34
*	JI485010	TEMPORARY PAVEMENT, CLASS 1	SQ YD	2,226.0	32.21	71,699.46
*	JI485020	TEMPORARY PAVEMENT, CLASS 2	SQ YD	20,092.0	36.00	723,312.00
*	JI485030	TEMPORARY PAVEMENT, CLASS 3	SQ YD	22,432.0	67.30	1,509,673.60
DSE	JI501030	REMOVAL OF EXISTING CONCRETE PIER PROTECTION BARRIER	FOOT	60.0	45.00	2,700.00
*	JI503006	REMOVAL OF EXISTING TRANSITION APPROACH SLABS	SQ YD	1,486.0	35.57	52,857.02
*	JI503010	HIGH PERFORMANCE CONCRETE SUPERSTRUCTURE	CU YD	17,868.0	670.00	11,971,560.00
*	JI503020	HIGH PERFORMANCE CONCRETE MOMENT SLAB STRUCTURES	CU YD	787.0	700.00	550,900.00
*	JI503230	MASS CONCRETE STRUCTURES	CU YD	7,248.0	950.00	6,885,600.00

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*	JI504810	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE WIDE FLANGE BEAMS, 72", 8.5 KSI	FOOT	7,643.0	559.18	4,273,812.74
*	JI504812	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE WIDE FLANGE BEAMS, 84", 8.5 KSI	FOOT	6,021.0	602.37	3,626,869.77
*	JI504814	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE WIDE FLANGE BEAMS, 90", 8.5 KSI	FOOT	19,229.0	567.03	10,903,419.87
*	JI504816	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE WIDE FLANGE BEAMS, 90", 10.0 KSI	FOOT	9,123.0	529.06	4,826,614.38
*	JI505231	FURNISHING AND ERECTING STRUCTURAL STEEL NO. 1	L SUM	1.0	25,250,000.00	25,250,000.00
*	JI505232	FURNISHING AND ERECTING STRUCTURAL STEEL NO. 2	L SUM	1.0	25,725.00	25,725.00
*	JI505233	FURNISHING AND ERECTING STRUCTURAL STEEL NO. 3	L SUM	1.0	194,909.00	194,909.00
*	JI505234	FURNISHING AND ERECTING STRUCTURAL STEEL NO. 4	L SUM	1.0	174,000.00	174,000.00
*	JI505240	FURNISHING AND ERECTING MISCELLANEOUS STEEL	POUND	7,740.0	8.15	63,081.00
*	JI505920	SAFTEY CABLE SYSTEM	L SUM	1.0	12,500.00	12,500.00
*	JI521822	HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 350K	EACH	22.0	4,070.00	89,540.00
*	JI521824	HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 400K	EACH	20.0	4,145.00	82,900.00
*	JI521826	HIGH LOAD MULTI-ROTATIONAL BEARINGS, NON-GUIDED EXPANSION, 450K	EACH	14.0	4,180.00	58,520.00
*	JI521900	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED-1500K	EACH	20.0	6,930.00	138,600.00
*	JI522500	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	24,096.0	55.00	1,325,280.00
*	JI522505	TEMPORARY MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	8,866.0	40.00	354,640.00
*	JI550100	TEMPORARY STORM SEWER, CLASS A, 12"	FOOT	1,363.0	51.05	69,581.15
*	JI550102	TEMPORARY STORM SEWER, CLASS A, 15"	FOOT	581.0	45.40	26,377.40

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*	JI550104	TEMPORARY STORM SEWER, CLASS A, 18"	FOOT	204.0	90.45	18,451.80
*	JI593030	ABANDON AND FILL EXISTING STORM SEWER	CU YD	167.0	504.40	84,234.80
*	JI599007	TEMPORARY SOIL RETENTION SYSTEM TO REMAIN IN PLACE	SQ FT	15,436.0	86.86	1,340,770.96
*	JI601300	PIPE UNDERDRAINS, 6" (SPECIAL)	FOOT	421.0	22.90	9,640.90
*	JI601320	PIPE UNDERDRAINS, FABRIC LINED TRENCH 6"	FOOT	4,415.0	19.45	85,871.75
*	JI602100	OUTLET CONTROL STRUCTURE TYPE 1 (CHECK DAM)	EACH	1.0	17,053.00	17,053.00
*	JI602115	CATCH BASINS, TYPE G-2, TYPE G-2 FRAME AND GRATE	EACH	1.0	29,031.00	29,031.00
*	JI602120	CATCH BASINS, TYPE G-3, TYPE G-3 FRAME AND GRATE	EACH	9.0	5,584.00	50,256.00
*	JI602182	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE G-2 FRAME AND GRATE	EACH	5.0	6,339.00	31,695.00
*	JI602184	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20A FRAME AND GRATE	EACH	6.0	4,467.00	26,802.00
*	JI602230	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (TEMPORARY)	EACH	9.0	1,240.00	11,160.00
*	JI602231	INLETS, TYPE A, TYPE 20A FRAME AND GRATE	EACH	10.0	1,834.00	18,340.00
*	JI602235	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID (TEMPORARY)	EACH	7.0	2,165.00	15,155.00
*	JI602237	INLETS, TYPE B, TYPE 20A FRAME AND GRATE	EACH	6.0	2,878.00	17,268.00
*	JI602300	MANHOLE, TYPE A, 5' DIA., TYPE G-3 FRAME AND GRATE	EACH	1.0	5,566.00	5,566.00
*	JI602519	DRAINAGE STRUCTURES TO BE ADJUSTED WITH TWO TYPE 20A FRAME AND GRATE	EACH	2.0	1,966.00	3,932.00
*	JI606010	GUTTER, TYPE G-2	FOOT	775.0	29.33	22,730.75
*	JI606020	GUTTER, TYPE G-3	FOOT	987.0	32.51	32,087.37

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JI606050	CONCRETE GUTTER (SPECIAL)	FOOT	150.0	47.16	7,074.00
*	JI630002	GALVANIZED STEEL PLATE BEAM GUARDRAIL,TYPE A, 6 FOOT POSTS	FOOT	63.4	26.62	1,687.71
*	JI630004	GALVANIZED STEEL PLATE BEAM GUARDRAIL,TYPE A, 9 FOOT POSTS	FOOT	500.0	32.12	16,060.00
*	JI631112	TRAFFIC BARRIER TERMINAL, TYPE T1-A (SPECIAL)	EACH	1.0	3,510.92	3,510.92
*	JI631120	TRAFFIC BARRIER TERMINAL, TYPE T2	EACH	1.0	1,243.53	1,243.53
*	JI631130	TRAFFIC BARRIER TERMINAL, TYPE T6	EACH	1.0	3,631.61	3,631.61
*	JI631135	TRAFFIC BARRIER TERMINAL, TYPE T6B	EACH	1.0	3,741.87	3,741.87
*	JI631140	TRAFFIC BARRIER TERMINAL, TYPE T10	EACH	1.0	465.52	465.52
*	JI633032	REMOVE AND RE-ERECT STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	60.0	15.69	941.40
*	JI637030	CONCRETE BARRIER , SINGLE FACE, REINFORCED, 42 INCH	FOOT	232.0	175.00	40,600.00
*	JI637032	CONCRETE BARRIER BASE FOR SINGLE FACE BARRIER, REINFORCED, 42 INCH	FOOT	232.0	125.00	29,000.00
*	JI638010	TEMPORARY MODULAR GLARE SCREEN SYSTEM	FOOT	2,626.0	5.00	13,130.00
*	JI664305	RIGHT-OF-WAY FENCE, TYPE 1, 6'	FOOT	4,347.0	15.31	66,552.57
*	JI664310	CORNER POST, RIGHT-OF-WAY FENCE, TYPE1	EACH	17.0	678.35	11,531.95
*	JI664315	PULL POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	6.0	678.35	4,070.10
*	JI664320	END POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	9.0	678.35	6,105.15
*	JI664325	PEDESTRIAN GATE, RIGHT-OF-WAY FENCE, TYPE 1	EACH	3.0	1,615.41	4,846.23
*	JI664335	DOUBLE VEHICLE GATE, RIGHT-OF-WAY FENCE, TYPE 1	EACH	5.0	1,987.91	9,939.55

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JI664400	RIGHT OF WAY FENCE REMOVAL	FOOT	4,844.0	6.29	30,468.76
*	JI664615	TEMPORARY CHAIN LINK FENCE 8' SCREENING, TYPE 1	FOOT	569.0	28.05	15,960.45
*	JI664620	TEMPORARY CHAIN LINK FENCE 8' SCREENING, TYPE 2	FOOT	5,746.0	27.76	159,508.96
*	JI664621	TEMPORARY CHAIN LINK FENCE 8', WITH SCREENING REMOVAL	FOOT	2,500.0	8.13	20,325.00
*	JI680003	HEADWALL TYPE I, 21"	EACH	1.0	2,490.00	2,490.00
*	JI680004	HEADWALL TYPE I, 24"	EACH	9.0	2,690.00	24,210.00
*	JI680010	HEADWALL TYPE II, 42"	EACH	1.0	5,101.00	5,101.00
*	JI680011	HEADWALL TYPE II, 48"	EACH	2.0	10,455.00	20,910.00
*	JI680012	HEADWALL TYPE II, 54"	EACH	1.0	12,000.00	12,000.00
*	JI680021	HEADWALL TYPE III, 42", 1:4	EACH	1.0	12,921.00	12,921.00
*	JI680022	HEADWALL TYPE III, 48", 1:4	EACH	9.0	15,956.00	143,604.00
*	JI680102	SLOPED HEADWALL TYPE I, 12"	EACH	1.0	4,371.00	4,371.00
*	JI680103	SLOPED HEADWALL TYPE I, 15"	EACH	1.0	4,371.00	4,371.00
*	JI680104	SLOPED HEADWALL TYPE I, 18"	EACH	1.0	4,371.00	4,371.00
*	JI680120	SLOPED HEADWALL TYPE III, 6", 1:3	EACH	6.0	1,035.00	6,210.00
*	JI680122	SLOPED HEADWALL TYPE III, 15", 1:3	EACH	3.0	2,308.00	6,924.00
*	JI680123	SLOPED HEADWALL TYPE III, 18", 1:3	EACH	2.0	2,545.00	5,090.00
*	JI680125	SLOPED HEADWALL TYPE III, 24", 1:3	EACH	1.0	2,097.00	2,097.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JI680130	SLOPED HEADWALL TYPE III, 6", 1:4	EACH	6.0	1,035.00	6,210.00
*	JI680131	SLOPED HEADWALL TYPE III, 12", 1:4	EACH	3.0	2,638.00	7,914.00
*	JI680132	SLOPED HEADWALL TYPE III, 15", 1:4	EACH	2.0	2,641.00	5,282.00
*	JI680133	SLOPED HEADWALL TYPE III, 18", 1:4	EACH	1.0	3,106.00	3,106.00
*	JI680135	SLOPED HEADWALL TYPE III, 24", 1:4	EACH	3.0	2,898.00	8,694.00
*	JI680137	SLOPED HEADWALL TYPE III, 30", 1:4	EACH	1.0	4,398.00	4,398.00
*	JI680140	SLOPED HEADWALL TYPE III, 6", 1:6	EACH	4.0	1,593.00	6,372.00
*	JI680141	SLOPED HEADWALL TYPE III, 12", 1:6	EACH	1.0	3,075.00	3,075.00
*	JI680143	SLOPED HEADWALL TYPE III, 18", 1:6	EACH	2.0	2,300.00	4,600.00
*	JI680147	SLOPED HEADWALL TYPE III, 30", 1:6	EACH	1.0	5,716.00	5,716.00
*	JI704012	FURNISH AND INSTALL TEMPORARY CONCRETE BARRIER, TO REMAIN IN PLACE	FOOT	17,066.0	20.00	341,320.00
*	JI704014	RELOCATE TEMPORARY CONCRETE BARRIER, TO REMAIN IN PLACE	FOOT	40,012.0	5.00	200,060.00
*	JI706282	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3, TO REMAIN IN PLACE	EACH	5.0	30,633.31	153,166.55
*	JI706331	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3, TO REMAIN IN PLACE	EACH	8.0	3,794.97	30,359.76
*	JI725000	TERMINAL MARKER - DIRECT APPLIED	EACH	1.0	43.53	43.53
*	JI782014	GUARDRAIL BARRIER REFLECTORS, TYPE B	EACH	14.0	8.71	121.94
*	JI782022	BARRIER WALL REFLECTORS, TYPE C	EACH	1,681.0	6.00	10,086.00
*	JI811276	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., STAINLESS STEEL	FOOT	63.0	63.00	3,969.00

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*	JI811280	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., STAINLESS STEEL	FOOT	116.0	96.00	11,136.00
*	JI830205	TEMPORARY WOOD POLE, 90 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	47.0	3,210.00	150,870.00
*	JI830210	TEMPORARY WOOD POLE, 90 FT., CLASS 2, TO REMAIN IN PLACE	EACH	2.0	4,000.00	8,000.00
*	JI999443	PRESSURE VALVE INSERT, 20"	EACH	3.0	54,646.00	163,938.00
*	JI999707	STEEL CASING PIPE , BORED AND JACKED, 30"	FOOT	536.0	510.00	273,360.00
*	JI999737	PVC WATER MAIN, 8"	FOOT	230.0	70.45	16,203.50
**	JS107360	DUST CONTROL WATERING	UNIT	7,500.0	0.01	75.00
**	JS107361	APPLY DUST SUPPRESSION AGENTS	UNIT	2,500.0	0.01	25.00
**	JS120100	TRAILER MOUNTED FULL MATRIX PORTABLE CHANGEABLE MESSAGE SIGNS	EACH	7.0	2,000.00	14,000.00
**	JS120710	ENERGY ATTENUATOR	EACH	1.0	33,584.62	33,584.62
**	JS120715	ENERGY ATTENUATOR CONCRETE PAD	SQ FT	210.0	35.00	7,350.00
**	JS120720	ENERGY ATTENUATOR REMOVAL	EACH	1.0	1,016.66	1,016.66
*	JS120819	SCUPPER	EACH	44.0	1,500.00	66,000.00
**	JS250220	SEEDING, CLASS 2E	ACRE	4.5	2,900.00	13,050.00
**	JS250314	SEEDING, CLASS 4B	ACRE	5.5	3,900.00	21,450.00
**	JS250318	SEEDING, CLASS 4F	ACRE	26.0	1,900.00	49,400.00
**	JS250320	SEEDING, CLASS 5	ACRE	26.0	3,600.00	93,600.00
**	JS250324	SEEDING, CLASS 5B	ACRE	5.5	2,500.00	13,750.00
**	JS250350	SEEDING, CLASS 7	ACRE	61.3	300.00	18,390.00
**	JS280020	MANAGEMENT OF EROSION AND SEDIMENT CONTROL	CAL. MO.	20.0	1,000.00	20,000.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
**	JS280030	EROSION AND SEDIMENT CONTROL-EXCAVATION	CU YD	2,250.0	17.00	38,250.00
**	JS280040	EROSION AND SEDIMENT CONTROL-CLEANOUT	CU YD	2,250.0	0.01	22.50
**	JS280050	SILT FENCE	FOOT	17,176.0	3.50	60,116.00
**	JS280051	RE-ERECT SILT FENCE	FOOT	8,420.0	2.00	16,840.00
**	JS280070	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	1,500.0	35.00	52,500.00
**	JS280080	FLOTATION BOOM	FOOT	1,612.0	20.00	32,240.00
**	JS280100	SUPER SILT FENCE	FOOT	4,604.0	16.00	73,664.00
**	JS280110	TEMPORARY PIPE SLOPE DRAINS	FOOT	2,100.0	65.00	136,500.00
**	JS280120	TREE PROTECTION	FOOT	500.0	3.25	1,625.00
**	JS280140	TEMPORARY RIPRAP	TON	1,126.0	98.00	110,348.00
**	JS280151	SAME-DAY STABILIZATION	SQ YD	313,969.0	0.01	3,139.69
**	JS280180	RECTANGULAR INLET PROTECTION	EACH	31.0	200.00	6,200.00
**	JS280210	FILTER FABRIC INLET PROTECTION, BASKET TYPE	EACH	150.0	95.00	14,250.00
**	JS280305	TEMPORARY DITCH CHECKS	FOOT	2,145.0	9.00	19,305.00
*	JS503160	DIAMOND GRINDING AND SURFACE SMOOTHNESS FOR BRIDGE SECTIONS	SQ YD	57,790.0	10.00	577,900.00
*	JS670CM0	FIELD OFFICE, TYPE C (MODIFIED)	CAL MO	31.0	3,500.00	108,500.00
*	JS671020	MOBILIZATION, TOLLWAY (MODIFIED)	L SUM	1.0	11,200,000.00	11,200,000.00
*	JS701010	MAINTENANCE OF TRAFFIC	L SUM	1.0	1,394,000.00	1,394,000.00
**	JS734A10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, SPAN TYPE	CU YD	71.0	1,265.00	89,815.00

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**	JS734G10	FOUNDATION FOR ITS GANTRY FRAME	CU YD	38.0	2,100.00	79,800.00
**	JS804100	ELECTRIC SERVICE INSTALLATION	EACH	3.0	6,500.00	19,500.00
**	JS810837	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	44.0	21.00	924.00
**	JS810839	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	1,526.0	13.00	19,838.00
**	JS810841	UNDERGROUND CONDUIT, PVC, 6" DIA.	FOOT	414.0	14.00	5,796.00
**	JS810874	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/2" DIA.	FOOT	816.0	14.00	11,424.00
**	JS810875	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	2,857.0	10.00	28,570.00
**	JS810879	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	1,146.0	16.00	18,336.00
**	JS811032	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	159.0	54.00	8,586.00
**	JS812022	CONDUIT EMBEDDED IN STRUCTURE, 1 1/2" DIA., PVC	FOOT	1,083.0	2.90	3,140.70
**	JS812023	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	10,696.0	2.50	26,740.00
**	JS813022	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	3.0	495.00	1,485.00
**	JS813053	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	7.0	821.00	5,747.00
*	JS813055	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	24.0	326.00	7,824.00
*	JS813083	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	1.0	2,975.00	2,975.00
**	JS814002	HEAVY-DUTY HANDHOLE, TOLLWAY	EACH	25.0	3,440.00	86,000.00
**	JS816076	UNIT DUCT, WITH 4-1/C NO. 2 AND 1/C NO. 4 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	FOOT	6,240.0	11.50	71,760.00
**	JS817211	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	3,045.0	1.50	4,567.50

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**	JS817212	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	45,425.0	1.10	49,967.50
**	JS817213	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	18,213.0	1.40	25,498.20
**	JS817215	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	1,606.0	1.50	2,409.00
**	JS817218	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	FOOT	108.0	7.00	756.00
**	JS817219	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4/0	FOOT	3,961.0	5.50	21,785.50
**	JS821003	TEMPORARY LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	24.0	798.00	19,152.00
*	JS821009	TEMPORARY LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750WATT	EACH	68.0	2,030.00	138,040.00
**	JS821100	LUMINAIRE, LED, HORIZONTAL MOUNT	EACH	22.0	850.00	18,700.00
**	JS821110	UNDERPASS LUMINAIRE, LED	EACH	4.0	1,850.00	7,400.00
**	JS830003	GROUND MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 15 FT. MAST ARM	EACH	2.0	3,940.00	7,880.00
**	JS830013	WALL MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 12 FT. MAST ARM	EACH	20.0	4,209.00	84,180.00
**	JS830024	TEMPORARY WOOD POLE, 30 FT., CLASS 4	EACH	2.0	730.00	1,460.00
**	JS830025	TEMPORARY WOOD POLE, 40 FT., CLASS 4	EACH	1.0	740.00	740.00
**	JS830027	TEMPORARY WOOD POLE, 50 FT., CLASS 4	EACH	7.0	800.00	5,600.00
*	JS830038	BRIDGE MOUNTED LIGHT POLE, STEEL, 60 FT., 15 FT MAST ARM	EACH	21.0	24,000.00	504,000.00
**	JS836003	LIGHT POLE FOUNDATION (ROADWAY) CONCRETE	EACH	3.0	2,200.00	6,600.00
**	JS842085	REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	78.0	350.00	27,300.00

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*	JS842090	REMOVAL OF SIGN LUMINAIRE	EACH	5.0	150.00	750.00
**	JS842100	REMOVAL OF UNDERPASS LUMINAIRE	EACH	2.0	680.00	1,360.00
**	JS842105	POLE FOUNDATION, REMOVED	EACH	45.0	300.00	13,500.00
**	JS845011	REMOVAL OF LIGHTING CONTROLLER	EACH	1.0	1,500.00	1,500.00
**	JS845012	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1.0	1,326.00	1,326.00
**	JS845013	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1.0	1,347.00	1,347.00
**	JS846001	MAINTAIN LIGHTING SYSTEM	L SUM	1.0	25,000.00	25,000.00
*	JT130752	CONCRETE FOUNDATION, INTERMEDIATE POWER DISTRIBUTION AND COMMUNICATION FACILITY	EACH	1.0	41,245.88	41,245.88
*	JT130754	ELECTRIC WORK, INTERMEDIATE POWER DISTRIBUTION AND COMMUNICATION FACILITY	EACH	1.0	18,500.00	18,500.00
*	JT131142	ROADWAY WEATHER INFORMATION SYSTEM	EACH	1.0	110,000.00	110,000.00
*	JT131316	BLUETOOTH VEHICLE DETECTION ASSEMBLY	EACH	1.0	16,460.00	16,460.00
*	JT131541	FIRE SUPPRESSION SYSTEM	L SUM	1.0	499,597.00	499,597.00
*	JT132115	REMOVE DYNAMIC MESSAGE SIGN EQUIPMENTS - TYPE 1	EACH	1.0	5,448.00	5,448.00
*	JT132810	ITS POLE MOUNTED ENCLOSURE (CCTV OR MVDS)	EACH	3.0	18,500.00	55,500.00
*	JT132814	ITS DISCONNECT SWITCH ASSEMBLY	EACH	1.0	6,745.00	6,745.00
*	JT132815	ITS FRAME MOUNTED DISCONNECT SWITCH	EACH	2.0	6,745.00	13,490.00
*	JT132820	CCTV CAMERA, ITS ASSEMBLY (TOLLWAY)	EACH	3.0	6,450.00	19,350.00
*	JT132830	FIBER OPTIC COMMUNICATIONS, ITS ASSEMBLY	EACH	3.0	2,450.00	7,350.00

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THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
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TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT132835	WIRELESS COMMUNICATIONS, ITS ASSEMBLY	EACH	1.0	4,448.00	4,448.00
*	JT134000	MAINTAIN INTELLIGENT TRANSPORTATION SYSTEMS	L SUM	1.0	25,000.00	25,000.00
*	JT134010	INTELLIGENT TRANSPORTATION SYSTEMS CABINET FOUNDATION	EACH	2.0	6,080.00	12,160.00
*	JT134030	INTELLIGENT TRANSPORTATION SYSTEMS GANTRY SITE GROUNDING	EACH	2.0	5,695.00	11,390.00
*	JT134037	ITS ELEMENT SITE GROUNDING - POLE MOUNTED ASSEMBLY	EACH	3.0	718.00	2,154.00
*	JT134041	ITS ELEMENT SITE GROUNDING - ITS MONOPOLE CCTV TOWER ASSEMBLY	EACH	1.0	7,088.00	7,088.00
*	JT134047	ITS ELEMENT SITE GROUNDING - ROADWAY WEATHER INFORMATION SYSTEM	EACH	1.0	5,054.00	5,054.00
*	JT134048	ITS ELEMENT SITE GROUNDING - ATM EQUIPMENT CABINETS	EACH	2.0	7,260.00	14,520.00
*	JT135006	REMOVE MICROWAVE VEHICLE DETECTION ASSEMBLY	EACH	1.0	650.00	650.00
*	JT135042	WEBCAM	EACH	2.0	100,000.00	200,000.00
*	JT135076	REMOVE POLE MOUNTED CAMERA ASSEMBLY	EACH	3.0	400.00	1,200.00
*	JT135096	ITS POLE AND BASE REMOVAL	EACH	2.0	680.00	1,360.00
*	JT135097	REMOVE CCTV CAMERA, POLE MOUNTED	EACH	2.0	650.00	1,300.00
*	JT135098	REMOVE CCTV CAMERA, STRUCTURE MOUNTED	EACH	1.0	650.00	650.00
*	JT135100	CONCRETE FILLED PIPE BOLLARDS	EACH	6.0	1,500.00	9,000.00
*	JT135200	PLAZA LANE CONVERSION	L SUM	1.0	10,000.00	10,000.00
*	JT160000	CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ATTACHED TO STRUCTURE, 4" DIA, RIGID NONMETALLIC	FOOT	768.0	63.00	48,384.00
*	JT160006	CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ATTACHED TO STRUCTURE, 8" DIA, RIGID NONMETALLIC	FOOT	21,300.0	68.00	1,448,400.00
*	JT160024	CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ENCASED IN CONCRETE, 6" DIA, RIGID NONMETALLIC	FOOT	156.0	35.00	5,460.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT160028	CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ENCASED IN CONCRETE, 10" DIA, RIGID NONMETALLIC	FOOT	640.0	52.00	33,280.00
*	JT160098	HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, TORSION ASSIST, 36"X60"X36"	EACH	13.0	3,850.00	50,050.00
*	JT160099	HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, TORSION ASSIST, 48"X72"X36"	EACH	21.0	5,200.00	109,200.00
*	JT160152	CABLE MARKER SIGN WITH POST FOR SINGLE MODE FIBER OPTIC CABLE	EACH	6.0	285.00	1,710.00
*	JT160226	SINGLE MODE FIBER OPTIC CABLE REMOVAL, NO SALVAGE	FOOT	41,405.0	1.00	41,405.00
*	JT160232	CONDUIT REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, ATTACHED TO STRUCTURE, RIGID NONMETALLIC, NO SALVAGE	FOOT	10,608.0	3.75	39,780.00
*	JT160236	CONDUIT REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, COILABLE NONMETALLIC, NO SALVAGE	FOOT	79,609.0	0.10	7,960.90
*	JT160251	HANDHOLE REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, NO SALVAGE	EACH	5.0	950.00	4,750.00
*	JT160255	CABLE MARKER SIGN REMOVAL FOR SINGLE MODE FIBER OPTIC CABLE, NO SALVAGE	EACH	15.0	85.00	1,275.00
*	JT160266	WOOD POLE REMOVAL, NO SALVAGE	EACH	3.0	890.00	2,670.00
*	JT160304	LOCATE POST FOR SINGLE MODE FIBER OPTIC CABLE	EACH	31.0	985.00	30,535.00
*	JT160320	FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 12 FIBERS	FOOT	277.0	5.20	1,440.40
*	JT160324	FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 144 FIBERS	FOOT	9,856.0	3.40	33,510.40
*	JT160328	FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 432 FIBERS	FOOT	9,019.0	5.30	47,800.70
*	JT160356	INSTALL TOLLWAY FURNISHED FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 288 FIBERS	FOOT	29,974.0	3.25	97,415.50
*	JT160378	INSTALL TOLLWAY FURNISHED FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 240 FIBERS	FOOT	18,520.0	4.95	91,674.00
*	JT160385	MULTI MODE FIBER OPTIC CABLE, IN CONDUIT, TOLLWAY FURNISHED	FOOT	1,995.0	3.25	6,483.75
DSE	JT190148	TRUCK MOUNTED ATTENUATOR	HOUR	1,680.0	140.00	235,200.00
*	JT201940	SELECTIVE CLEARING (BRUSH REMOVAL)	ACRE	1.0	2,850.00	2,850.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT210001	POROUS GRANULAR BACKFILL	CU YD	8,886.0	100.00	888,600.00
*	JT211200	PREPARED TOPSOIL FURNISH AND PLACE, 8"	SQ YD	450.0	25.00	11,250.00
*	JT211A08	SUBGRADE AGGREGATE 9 IN.	CU YD	6,292.0	42.00	264,264.00
*	JT211A11	SUBGRADE AGGREGATE 12 IN.	CU YD	19,274.0	36.00	693,864.00
*	JT250410	BIOSWALE SEED MIXTURE 1	ACRE	0.3	7,900.00	2,370.00
*	JT251020	BIOSWALE EROSION CONTROL BLANKET	SQ YD	733.0	2.00	1,466.00
*	JT280500	SEDIMENT FILTER BAG	EACH	16.0	200.00	3,200.00
*	JT280510	FLOC LOG	EACH	16.0	200.00	3,200.00
*	JT280530	IN-LINE FLOCCULATION SYSTEM	EACH	8.0	6,500.00	52,000.00
*	JT281020	FISH BARRIER ACCESS MANAGEMENT	L SUM	1.0	5,454.11	5,454.11
*	JT285055	ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM, TYPE 1	SQ YD	4,158.0	150.00	623,700.00
*	JT301010	GRANULAR SUBBASE, SPECIAL	CU YD	197.0	45.00	8,865.00
*	JT420104	JOINTED PLAIN CONCRETE PAVEMENT FOR COMPOSITE PAVEMENT 11"	SQ YD	20,718.0	70.00	1,450,260.00
*	JT442300	PARTIAL DEPTH BRIDGE DECK AND APPROACH SLAB ASPHALT REPAIR	SQ YD	70.0	1,169.06	81,834.20
*	JT501925	REMOVAL OF EXISTING APPROACH SLABS	SQ YD	503.0	35.57	17,891.71
*	JT503400	FAST DECK SLAB REPAIR (PARTIAL) - (SPECIAL)	SQ YD	140.0	700.00	98,000.00
*	JT503410	FAST DECK SLAB REPAIR (FULL DEPTH, TYPE 1)	SQ YD	20.0	1,500.00	30,000.00
*	JT503430	FAST DECK SLAB REPAIR (PARTIAL) - (SPECIAL)	SQ YD	10.0	800.00	8,000.00
*	JT508010	REINFORCEMENT BARS, STAINLESS STEEL	POUND	6,177,850.0	2.84	17,545,094.00
*	JT508020	BAR SPLICERS, STAINLESS STEEL	EACH	1,992.0	60.03	119,579.76
*	JT508030	MECHANICAL SPLICERS, STAINLESS STEEL	EACH	1,786.0	140.70	251,290.20
*	JT525080	EXPANSION JOINT MODIFICATION	FOOT	50.0	140.00	7,000.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT525125	BONDED PREFORMED JOINT SEAL, 2 IN.	FOOT	152.0	100.00	15,200.00
*	JT525135	BONDED PREFORMED JOINT SEAL, 4 IN.	FOOT	541.0	120.00	64,920.00
*	JT546000	TELEVISION INSPECTION OF SEWER	FOOT	12,556.0	10.00	125,560.00
*	JT570P51	PERFORMANCE BASED RETAINING WALL, LOCATION 1	L SUM	1.0	1,450,000.00	1,450,000.00
*	JT570P52	PERFORMANCE BASED RETAINING WALL, LOCATION 2	L SUM	1.0	200,000.00	200,000.00
*	JT595001	BRIDGE DRAINAGE SYSTEM, LOCATION NO. 1	L SUM	1.0	600,000.00	600,000.00
*	JT595002	BRIDGE DRAINAGE SYSTEM, LOCATION NO. 2	L SUM	1.0	25,000.00	25,000.00
*	JT599040	REMOVAL OF EXISTING NOISE ABATEMENT WALL	SQ FT	34,017.0	2.00	68,034.00
*	JT599P01	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 1	L SUM	1.0	150,000.00	150,000.00
*	JT599P02	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 2	L SUM	1.0	250,000.00	250,000.00
*	JT599P03	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 3	L SUM	1.0	150,000.00	150,000.00
*	JT599P04	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 4	L SUM	1.0	500,000.00	500,000.00
*	JT599P05	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 5	L SUM	1.0	200,000.00	200,000.00
*	JT599P06	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 6	L SUM	1.0	100,000.00	100,000.00
*	JT599P07	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 7	L SUM	1.0	595,000.00	595,000.00
*	JT599P08	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 8	L SUM	1.0	250,000.00	250,000.00
*	JT599P09	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 9	L SUM	1.0	350,000.00	350,000.00
*	JT599P10	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 10	L SUM	1.0	650,000.00	650,000.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT601900	TRENCH DRAIN	FOOT	250.0	82.74	20,685.00
*	JT601951	SCUPPER MODIFICATION	EACH	2.0	1,500.00	3,000.00
*	JT601955	SCUPPER, SPECIAL	EACH	18.0	9,500.00	171,000.00
DSE	JT701021	MAINTENACNE OF TRAFFIC, DAILY ONE LANE CLOSURE, STANDARD E2	EACH	34.0	2,000.00	68,000.00
DSE	JT701026	MAINTENACNE OF TRAFFIC, DAILY TWO LANE CLOSURE, STANDARD E2	EACH	18.0	2,200.00	39,600.00
DSE	JT701028	MAINTENACNE OF TRAFFIC, DAILY THREE LANE CLOSURE, STANDARD E2	EACH	18.0	2,500.00	45,000.00
*	JT701030	SUPPLEMENTAL BARRICADE	EACH/DAY	13,500.0	0.50	6,750.00
*	JT701031	SUPPLEMENTAL SIGNING	SQ FT	280.0	10.00	2,800.00
*	JT701032	SUPPLEMENTAL FLASHING ARROW BOARD (PER DAY)	EACH/DAY	120.0	10.00	1,200.00
*	JT701033	SUPPLEMENTAL FLASHING ARROW BOARD (PER WEEK)	EACH/WEEK	35.0	60.00	2,100.00
*	JT701034	SUPPLEMENTAL FLASHING ARROW BOARD (PER MONTH)	EACH/MONTH	36.0	150.00	5,400.00
*	JT701052	TEMPORARY INFORMATION SIGNING-GROUND MOUNT, GREATER THAN 24 SQ FT IN AREA	SQ FT	871.0	35.00	30,485.00
*	JT701060	TEMPORARY INFORMATION SIGNING-OVERHEAD MOUNT, 24 SQ FT IN AREA OR LESS	SQ FT	24.0	60.00	1,440.00
*	JT701250	TRAILER MOUNTED RADAR SPEED DISPLAY UNIT	CAL MO	36.0	450.00	16,200.00
*	JT703104	LATE SEASON TEMPORARY PAVEMENT MARKING, 4"	FOOT	49,184.0	0.52	25,575.68
*	JT720100	SIGN INSTALLATION, TYPE 1	SQ FT	16.0	120.00	1,920.00
*	JT783005	WATERBLAST PAVEMENT MARKING REMOVAL WITH VACUUM RECOVERY	SQ FT	73,315.0	1.05	76,980.75
*	JT804005	ELECTRIC SERVICE INSTALLATION - ITS	EACH	1.0	6,400.00	6,400.00
*	JT810871	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, RIBBED, 1 1/2" DIA.	FOOT	35,643.0	2.90	103,364.70
*	JT810873	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 1 1/4" DIA.	FOOT	65.0	7.00	455.00
*	JT810876	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 2" DIA.	FOOT	3,746.0	5.50	20,603.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT810878	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 3" DIA.	FOOT	2,020.0	9.00	18,180.00
*	JT810879	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 4" DIA.	FOOT	3,713.0	16.00	59,408.00
*	JT810881	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 6" DIA.	FOOT	6,805.0	32.00	217,760.00
*	JT810900	DUCT PACKAGE, CONDUIT ENCASED, CONCRETE, 1-1/2" DIA., 24 COUNT	FOOT	2,631.0	147.00	386,757.00
*	JT810910	DUCT PACKAGE, CONDUIT ENCASED, CONCRETE, 4" DIA., 2 COUNT	FOOT	1,696.0	32.00	54,272.00
*	JT811040	CONDUIT ATTACHED TO STRUCTURE, PVC, 2" DIA.	FOOT	4,805.0	8.40	40,362.00
*	JT813010	JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE (SPECIAL), 32" X 12" X 8"	EACH	4.0	2,224.00	8,896.00
*	JT813014	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 6"	EACH	21.0	1,131.00	23,751.00
*	JT813015	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 42" X 36" X 16"	EACH	4.0	8,500.00	34,000.00
*	JT825025	TEMPORARY LIGHTING CONTROLLER, 480 VOLT, POLE MOUNTED	EACH	3.0	22,600.00	67,800.00
*	JT830018	TEMPORARY WOOD POLE, 100 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	4.0	9,606.00	38,424.00
*	JT830019	TEMPORARY WOOD POLE, 110 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	4.0	10,990.00	43,960.00
*	JT830023	TEMPORARY WOOD POLE, 120 FT., CLASS 2, 15 FT., MAST ARM, TO REMAIN IN PLACE	EACH	13.0	13,500.00	175,500.00
*	JT830025	INSTALL WOOD POLE, 45 FEET, CLASS 2	EACH	11.0	731.00	8,041.00
*	JT830028	INSTALL WOOD POLE, 70 FEET, CLASS 2	EACH	2.0	1,232.00	2,464.00
*	JT830030	INSTALL WOOD POLE, 90 FEET, CLASS 2	EACH	1.0	2,232.00	2,232.00
*	JT830054	GROUND MOUNTED LIGHT POLE, GALVANIZED STEEL, 60 FT., WITHOUT MAST ARM	EACH	1.0	13,615.00	13,615.00
*	JT836020	ITS ELEMENT POLE FOUNDATION STEEL HELIX (12 FT)	EACH	1.0	3,921.00	3,921.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT836027	ITS CONCRETE SERVICE PAD, TYPE A	EACH	1.0	1,906.00	1,906.00
*	JT844010	REMOVE AND REINSTALL LIGHTING UNIT	EACH	1.0	1,605.00	1,605.00
*	JT900074	UTILITY PROTECTION	L SUM	1.0	125,000.00	125,000.00
*	JT900077	CONCRETE TRANSFORMER PAD, 4' x 4'	SQ FT	32.0	35.00	1,120.00
*	JT900085	REMOVE EXISTING TREADLE	EACH	3.0	1,500.00	4,500.00
*	JT900099	LOAD TRANSFER PLATFORM	SQ YD	1,213.0	60.00	72,780.00
*	JT900132	FLEXIBLE LIQUID TIGHT CONDUIT, METALLIC, 2" DIAMETER	FOOT	168.0	4.00	672.00
*	JT900202	TEMPORARY CONSTRUCTION FENCE	FOOT	1,000.0	5.00	5,000.00
*	JT900222	TEMPORARY LIGHT POLE SUPPORT	EACH	20.0	7,400.00	148,000.00
*	JT900560	SUBGRADE SOIL STABILIZATION, TYPE IA	SQ YD	1,400.0	0.01	14.00
*	JT900562	SUBGRADE SOIL STABILIZATION, TYPE IB	SQ YD	2,200.0	0.01	22.00
*	JT900564	SUBGRADE SOIL STABILIZATION, TYPE II	SQ YD	1,200.0	0.01	12.00
*	JT900566	SUBGRADE SOIL STABILIZATION, TYPE III	SQ YD	1,600.0	0.01	16.00
*	JT900568	SUBGRADE SOIL STABILIZATION, TYPE IV	SQ YD	1,800.0	0.01	18.00
*	JT900570	SUBGRADE SOIL STABILIZATION, TYPE V	SQ YD	2,200.0	0.01	22.00
*	JT900580	CHEMICALLY STABILIZED SUBGRADE, 9"	SQ YD	29,594.0	0.01	295.94
*	JT900680	CORRUGATED METAL LINER	FOOT	300.0	1.00	300.00
*	JT900900	REMOVE AND RELOCATE WIRELESS VEHICLE DETECTOR SYSTEM	EACH	1.0	3,000.00	3,000.00

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*	JT901056	LOCATOR TRACER WIRE	FOOT	19,257.0	0.25	4,814.25
*	JT901075	NON-PRESSURE CONNECTION TO EXISTING WATER MAIN, 36"	EACH	2.0	12,032.00	24,064.00
*	JT901081	VALVE VAULTS, 7' DIAMETER	EACH	3.0	5,507.00	16,521.00
*	JT901130	DEWATERING	L SUM	1.0	325,000.00	325,000.00
*	JT991131	CAUSEWAY, LOCATION 1	L SUM	1.0	100,000.00	100,000.00
*	JT991132	CAUSEWAY, LOCATION 2	L SUM	1.0	10.00	10.00
*	JT991133	CAUSEWAY, LOCATION 3	L SUM	1.0	250,000.00	250,000.00
*	JT991134	CAUSEWAY, LOCATION 4	L SUM	1.0	10.00	10.00
*	JT991135	CAUSEWAY, LOCATION 5	L SUM	1.0	10.00	10.00
*	JT991136	CAUSEWAY, LOCATION 6	L SUM	1.0	10.00	10.00
*	JT991137	CAUSEWAY, LOCATION 7	L SUM	1.0	10.00	10.00
					TOTAL AMOUNT OF CORE WORK	173,311,677.19

Contractor Name ====>>>>>>>>>>> **F.H. Paschen, S.N. Nielsen & Assoc., LLC**

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT155001	CONTRACTOR'S QUALITY PROGRAM	L SUM	1.0	3,800,000.00	3,800,000.00
*	JT151500	CONTRACT ADJUSTMENT ALLOWANCE FOR TEMPERATURE CONTROL OF CONCRETE	UNIT	200,000	1.00	200,000.00
*	JT154001	PAVEMENT PATCHING AND TRAFFIC CONTROL	UNIT	300,000	1.00	300,000.00
*	JT154002	DISPOSAL OF UNIDENTIFIED HAZARDOUS WASTE	UNIT	50,000	1.00	50,000.00
*	JT154005	EMERGENCY PAVEMENT AND SHOULDER REPAIRS	UNIT	100,000	1.00	100,000.00
*	JT154008	UNFORESEEN ADDITIONAL MAINTENANCE OF TRAFFIC	UNIT	100,000	1.00	100,000.00
*	JT154016	ALLOWANCE FOR UNFORESEEN EROSION CONTROL MEASURES	UNIT	25,000	1.00	25,000.00
*	JT154044	CONTRACT ALLOWANCE FOR UNSUITABLE SOIL AND HAZARDOUS WASTE REMOVAL	UNIT	25,000	1.00	25,000.00
*	JT154062	CONTRACT ALLOWANCE FOR MAINTAIN INTELLIGENT TRANSPORTATION SYTEM REPAIR	UNIT	25,000	1.00	25,000.00
*	JT154067	CONTRACT ALLOWANCE FOR CONSTRUCTIONWORKS APPRENTICES	UNIT	100,000	1.00	100,000.00
*	JT154070	CONTRACT ALLOWANCE FOR EMERGENCY BRIDGE DECK REPAIRS AND TRAFFIC CONTROL	UNIT	1,000,000	1.00	1,000,000.00
*	JT154072	CONTRACT ALLOWANCE FOR SOIL HANDLING AND MANAGEMENT	UNIT	100,000	1.00	100,000.00
*	JT154102	ALLOWANCE FOR RAILROAD FLAGGING	UNIT	3,000,000	1.00	3,000,000.00
*	JT154116	ALLOWANCE FOR UTILITY LINE PROTECTION	UNIT	1,500,000	1.00	1,500,000.00
*	JT154148	ALLOWANCE FOR CAUSEWAY FLOOD PROTECTION	UNIT	100,000	1.00	100,000.00
*	JT154150	ALLOWANCE FOR STEEL COSTS ADJUSTMENT	UNIT	300,000	1.00	300,000.00
*	JT154160	ALLOWANCE FOR FUEL COSTS ADJUSTMENT	UNIT	40,000	1.00	40,000.00
*	JT154161	ALLOWANCE FOR BITUMINOUS MATERIALS COSTS ADJUSTMENT	UNIT	25,000	1.00	25,000.00
*	JT154194	ALLOWANCE FOR UNIDENTIFIED OBSTRUCTIONS	UNIT	450,000	1.00	450,000.00

Contractor Name ====>>>>>>>>>>> **F.H. Paschen, S.N. Nielsen & Assoc., LLC**

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	999NEG20	DAMAGES TO ILLINOIS TOLLWAY'S OPERATIONAL FACILITIES PER S.P. 115.5 - TRI-STATE	OCCUR		(10,000.00)	
	999NEG30	DAMAGES TO ILLINOIS TOLLWAY'S OPERATIONAL FACILITIES PER S.P. 115.5 - ALL ROADWAYS OFF-PEAK	OCCUR		(2,000.00)	
	999NEG31	DAMAGE TO ELECTRICAL FACILITIES PER TOLLWAY SUPPL. SPEC. 107.30(b)	INC/DAY		(1,000.00)	
	999NEG32	LIQUIDATED DAMAGES FOR DELAY IN SUBMITTAL OF PROGRESS SCHEDULE PER TOLLWAY SUPPL. SPEC. 108.02(e)	DAY		(300.00)	
	999NEG33	NON-COMPLIANCE WITH EROSION AND SEDIMENT CONTROL PER TOLLWAY SUPPL. SPEC 280.02 (b) (1)	INC/DAY		See Note 1	
	999NEG34	NON-COMPLIANCE WITH RESPONSIBILITY FOR CONSTRUCTION HAULING EQUIPMENT PER TOLLWAY SUPPL. SPEC. 105.15	DAY		(1,000.00)	
	999NEG35	FAILURE TO RESPOND TO REGULATORY AGENCY REQUESTS, PER TOLLWAY SUPPL. SPEC. 280.02 (b) (2)	OCCUR		(25,000.00)	
	999NEG36	FAILURE TO COMPLY WITH OCCUPANCY DATE OR PROVIDE COMPLETE FACILITIES. FIELD OFFICE OR LAB PER TOLLWAY SUPPL. SPEC. 670.01 (b)	DAY		(500.00)	
	999NEG37	NON-COMPLIANCE WITH TOLLWAY MAINTENANCE OF TRAFFIC PER TOLLWAY SUPPL. SPEC. 701.01 (b)(1)	INC/DAY		(2,500.00)	
	999NEG38	FAILURE TO RESPOND TO RE-ESTABLISH DEVICES PER TOLLWAY SUPPL. SPEC. 701.01 (b)(2)	OCCUR		(2,500.00)	
	999NEG39	FAILURE TO REPAIR IMPACT ATTENUATORS, TEMPORARY PER TOLLWAY SUPPL. SPEC. 701.01 (b) (3)	OCCUR		(2,500.00)	
	999NEG40	LOSS OR DAMAGE TO TOLLWAY OWNED DEVICES PER TOLLWAY SUPPL. SPEC. 701.01 (b)(4)	SQ. FT.		(100.00)	
	999NEG41	NON-COMPLIANCE WITH IDOT MAINTENANCE OF TRAFFIC PER TOLLWAY SUPPL. SPEC. 701.01 (b)(5)	INC/DAY		(2,500.00)	
	999NEG42	NON-COMPLIANCE WITH MAINTAIN LIGHTING SYSTEM, PER TOLLWAY SUPPL. SPEC. 846.06 (a)	INC/DAY		(1,000.00)	
	999NEG43	FAILURE TO RESPOND TO MAINTAIN LIGHTING SYSTEM, PER TOLLWAY SUPPL. SPEC. 846.06 (b)	OCCUR		(1,000.00)	

Contractor Name ====>>>>>>>>>>> **F.H. Paschen, S.N. Nielsen & Assoc., LLC**

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	999NEG44	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.1	CAL DAY		(22,000.00)	
	999NEG45	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.2	CAL DAY		(22,000.00)	
	999NEG46	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.3	CAL DAY		(22,000.00)	
	999NEG49	DAMAGE TO FIBER OPTIC UTILITIES, PER S.P. 115.3	OCCUR		(10,000.00)	
	999NEG54	DAMAGE TO TOLLWAY MULTI-MODE CABLE, DMS SIGNS, CAMERAS, TELECOMMUNICATION, CABLE, ELECTRICAL, WATER, AND SEWER PER S.P. 115.4	OCCUR		(1,000.00)	
	999NEG89	NON-COMPLIANCE WITH MAXIMUM ALLOWABLE SHUTDOWN	HOUR		(10,000.00)	
	999NEG90	ONE LANE OR RAMP BLOCKED PER S.P. FAILURE TO OPEN LANES TO TRAFFIC	15 MINUTES		(3,000.00)	
	999NEG91	TWO LANES BLOCKED PER S.P. FAILURE TO OPEN LANES TO TRAFFIC	15 MINUTES		(5,000.00)	

Contractor Name ====>>>>>>>>>>> **F.H. Paschen, S.N. Nielsen & Assoc., LLC**

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
		ADJUSTMENTS				
	999ADJ20	PROTECTION METHOD I FOR CONCRETE IN SUBSTRUCTURES, CULVERTS, PUMP HOUSES AND RETAINING WALLS AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ21	PROTECTION METHOD II FOR CONCRETE IN SUBSTRUCTURES, CULVERTS, PUMP HOUSES, AND RETAINING WALLS AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ22	PROTECTION METHOD I FOR CONCRETE IN SUPERSTRUCTURES AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ23	PROTECTION METHOD II FOR CONCRETE IN SUPERSTRUCTURES AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ24	PROTECTION METHODS I, II OR III FOR CONCRETE IN FOOTINGS AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ25	PROTECTION METHOD I FOR CONCRETE IN SLOPE WALLS AS PER IDOT Article 503.22			SEE NOTE 1	
	999ADJ30	CHILLING PROCEDURE FOR HIGH PERFORMANCE CONCRETE AS PER SPECIAL PROVISION FOR HIGH PERFORMANCE CONCRETE STRUCTURES			SEE NOTE 1	
	999ADJ45	CONSTRUCTIONWORKS APPRENCTICES WAGE RATE PAYMENT	HOUR		15.00	
AMOUNT OF CONTRACTOR'S QUALITY PROGRAM (CQP) + TOTAL AMOUNT OF CONTINGENCY WORK						11,240,000.00

Contractor Name ====>>>>>>>>>>> **F.H. Paschen, S.N. Nielsen & Assoc., LLC**

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
		TOTAL AMOUNT OF CORE WORK + TOTAL AMOUNT OF CONTRACTOR'S QUALITY PROGRAM (CQP) + TOTAL AMOUNT OF CONTINGENCY WORK = TOTAL AMOUNT OF BASE BID				184,551,677.19
					ECP BID CREDIT	500,000.00
					AWARD CRITERIA	184,051,677.19

S.P. COLUMN LEGEND
* INDICATES SPECIAL PROVISION
** INDICATES TOLLWAY SUPPLEMENTAL SPECIFICATIONS
*** INDICATES IDOT SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS
BDE INDICATES IDOT BDE SPECIAL PROVISION
GBSP INDICATES IDOT GBSP SPECIAL PROVISION
D1 INDICATES IDOT D1 SPECIAL PROVISION

NOTE 1: THE CONTRACTOR SHOULD LEAVE THE UNIT PRICE VALUE BLANK. THE UNIT PRICE WILL BE ENTERED BY THE TOLLWAY AFTER RECEIPT OF BIDS.

OPENED 4/5 2019

BOND OR CHECK ENCLOSED: YES X NO ___

No. 00601

Illinois State Toll Highway Authority

This Certifies that F.H.Paschen, SN Nielsen has earned a total of $474,917.51 through a Tollway Bid Credit Program and is using that credit toward a bid project convened by the Illinois State Toll Highway Authority with the understanding that the credit is fully endorsed by the Tollway.

In Witness Whereof, the said Corporation has caused this Certificate to be signed by its duly authorized officers and its Corporate Seal is to be hereunto affixed this 11-January-2019

Illinois Tollway

The owner of this certificate # 601 **is tendering $** 474,917.51 **credits for use on bid for contract #** I-18-4431 **on (date)** 4-4-2019 **. I understand that any credits not utilized for a winning bid will be returned.**

Signed: [redacted]

No. 00631

Illinois State Toll Highway Authority

This Certifies that John Burns Construction Co. has earned a total of $220.616.53 through a Tollway Bid Credit Program and is using that credit toward a bid project convened by the Illinois State Toll Highway Authority with the understanding that the credit is fully endorsed by the Tollway.

In Witness Whereof, the said Corporation has caused this Certificate to be signed by its duly authorized officers and its Corporate Seal is to be hereunto affixed this 15-March-2019

Illinois Tollway

The owner of this certificate # 00631 is tendering $ 220 616.53 credits for use on bid for contract # I-18-4830 on (date) 4/5/19. I understand that any credits not utilized for a winning bid will be returned.

Signed: [redacted] KEVIN FANNERON
CHIEF ESTIMATOR

April 5, 2019 via email: planzo@getipass.com

Mr. Paul Lanzo
Illinois Tollway - PMO
2700 Ogden Avenue
Downers Grove, Illinois 60515

Re: Contract I-18-4430

Dear Mr. Lanzo,

F.H. Paschen, S.N. Nielsen & Associates LLC herby acknowledges and accepts the following:

Pay Item 999NEG47:
Liquidated Damages for Non-Completion Per S.P. 105.1.4

If you need anything additional, please do not hesitate to call.

F.H. Paschen, S.N. Nielsen & Associates LLC

[redacted]

Roland Schneider
Authorized Agent & VP

cc: file

F.H. PASCHEN, S.N. NIELSEN & ASSOCIATES LLC
5515 N. East River Road, Chicago, IL 60656
p. 773.444.3474 f. 773.693.0064 | www.fhpaschen.com

Bailey, Shanel

From: Lanzo, Paul
Sent: Monday, April 08, 2019 6:51 AM
To: Bailey, Shanel
Cc: Durkin, Laura
Subject: FW: I-18-4430
Attachments: 20190405144247.pdf

Shanel,

As you know, F.H. Paschen did not include pay item 999NEG47 in their bid package. After review of Supplemental Specification 103.01 and JCAR section 6.220(b) with Legal and the SPO, it was determined that the Tollway is allowed to contact the vendor for clarification of their bid. F.H. Paschen was contacted and verbally accepted that pay item 999NEG47 was added to the solicitation on addendum 4 and should have been included with their bid. They committed to accepting the pay item and will abide by the supplemental specification that governs this pay item.

Please print and include this e-mail and the attached letter from F.H. Paschen in their bid response package for contract I-18-4430.

Thanks
Paul

Paul Lanzo
Procurement/Contracts Manager
Illinois Tollway - PMO
2700 Ogden Ave
Downers Grove, IL 60515
Office 630-241-6800 ext. 4838
Cell 847-505-6117
planzo@getipass.com
HNTB Corporation
planzo@hntb.com

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From: Kathleen Pattison <KPattison@FHPaschen.com>
Sent: Friday, April 05, 2019 2:53 PM
To: Lanzo, Paul <planzo@getipass.com>
Cc: Bob Zitek <BZitek@FHPaschen.com>; Roland Schneider <RSchneider@FHPaschen.com>; Jake Vickers <JVickers@FHPaschen.com>
Subject: I-18-4430

Good Afternoon Paul,

As requested, please find the attached acknowledgement and acceptance.

If you need anything additional, please do not hesitate to contact us.

Kathleen Pattison
Executive Assistant | Estimating Division

F.H. PASCHEN

5515 N. East River Road, Chicago, IL 60656
Main 773.444.3474 | Direct 773.444.1588 | Fax 773.693-0064
kpattison@fhpaschen.com | www.fhpaschen.com
Build with Paschen
An Equal Opportunity Employer

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Return With Bid

ILLINOIS TOLLWAY

OPTION FOR
STEEL COST ADJUSTMENT

The bidder shall submit this completed form with his/her bid. Failure to submit the form or properly complete contract number, company name, and sign and date the form shall make this contract exempt of steel cost adjustments for all items of steel. Failure to indicate "Yes" for any item of work will make that item of steel exempt from steel cost adjustment. After award, this form, when submitted shall become part of the contract.

Contract No.: I-18-4430

Company Name: F.H. Paschen, S.N. Nielsen & Associates LLC

Contractor's Option:

Is your company opting to include this special provision as part of the contract plans for the following items of work?

Metal Piling	Yes	☐
Structural Steel	Yes	☐
Reinforcing Steel	Yes	☐
Dowel Bars, Tie Bars and Mesh Reinforcement	Yes	☐
Guardrail	Yes	☒
Steel Traffic Signal and Light Poles, Towers and Mast Arms	Yes	☐
Metal Railings (excluding wire fence)	Yes	☒
Frames and Grates	Yes	☐

Signature [redacted] **Date:** April 4, 2019

Roland Schneider, Authorized Agent & VP

Return With Bid

ILLINOIS TOLLWAY

OPTION FOR
FUEL COST ADJUSTMENT

The bidder shall submit this completed form with his/her bid. Failure to submit the form or properly complete contract number, company name, and sign and date the form shall make this contract exempt of fuel cost adjustments in all categories. Failure to indicate "Yes" for any category of work at the time of bid will make that category of work exempt from fuel cost adjustment. After award, this form, when submitted shall become part of the contract.

Contract No.: I-18-4430

Company Name: F.H. Paschen, S.N. Nielsen & Associates LLC

Contractor's Option:

Is your company opting to include this special provision as part of the contract plans for the following categories of work?

Category A	Earthwork.	Yes ☐
Category B	Subbases and Aggregate Base Courses	Yes ☐
Category C	HMA Bases, Pavements and Shoulders	Yes ☐
Category D	PCC Bases, Pavements and Shoulders	Yes ☐
Category E	Structures	Yes ☐

Signature: [redacted] **Date:** April 4, 2019

Roland Schneider, Authorized Agent & VP

Return With Bid

ILLINOIS TOLLWAY

OPTION FOR
BITUMINOUS MATERIALS COST ADJUSTMENTS

The bidder shall submit this completed form with his/her bid. Failure to submit the form, or failure to fill out the form completely, shall make this contract exempt of bituminous materials cost adjustments. After award, this form, when submitted, shall become part of the contract.

Contract No.: I-18-4430

Company Name: F.H. Paschen, S.N. Nielsen & Associates LLC

Contractor's Option:

Is your company opting to include this special provision as part of the contract?

Yes ☐ No ☐

Signature: [redacted] **Date:** April 4, 2019

Roland Schneider, Authorized Agent & VP

FINANCIAL DISCLOSURES AND CERTIFICATIONS

ALERT:
YOUR BID WILL BE DEEMED NON-RESPONSIVE and will be REJECTED if Financial Disclosures / Certifications are not submitted with your bid!

All vendors responding to an Illinois Tollway solicitation must comply with Illinois Procurement Code 30 ILCS 500 -- specifically section 50-35 Financial Disclosures and Potential Conflicts of Interest. The Illinois Procurement Gateway (IPG) is a web based system that serves as the primary location for entering, organizing, and reviewing vendor information. The IPG allows prospective vendors to provide disclosures, registrations, and other documentation needed to do business with a State agency or university in advance of any particular procurement. It is highly recommended that vendors register on the Illinois Procurement Gateway at https://ipg/vendorreg.com

The submittal shall contain either FORMS A or FORMS B. Bids submitted without FORMS A or FORMS B shall be deemed non-responsive.

FORMS A section contains eight forms and shall be returned by Bidders that are not registered in the Illinois Procurement Gateway (IPG).

FORMS B contains three forms and shall be returned by Bidders that have a current, approved IPG registration.

Forms A Section

*Complete this section if you **are not using** an Illinois Procurement Gateway (IPG) Registration.*

https://www.illinoistollway.com/doing-business/construction-engineering/forms

1. Business and Directory Information
2. Illinois Department of Human Rights Public Contracts Number
3. Authorized to Do Business in Illinois
4. Standard Certifications
5. State Board of Elections
6. Disclosure of Business Operations in Iran
7. Financial Disclosures and Conflicts of Interest
8. Taxpayer Identification Number
9. Signature

Forms B Section

*Complete this section only if you **are using** a current, approved IPG Registration.*

https://www.illinoistollway.com/doing-business/construction-engineering/forms

1. Certification of Illinois Procurement Gateway Registration #
2. Certification Timely to this Solicitation
3. Disclosures of Lobbyist or Agent
4. Disclosure of Current and Pending Contracts
5. Signature

The Illinois Procurement Code requires the Tollway to collect financial disclosures from any known subcontractor with anticipated participation in excess of $50,000.00 at the time of the bid. Subcontractor disclosures will be requested from the successful Bidder for any

subcontractor identified in the bid immediately after the Bidder is determined to be the lowest responsive / responsible Bidder.

REMINDER TO VENDORS SUBMITTING FORMS B

Vendors intending to fulfill certification and disclosure requirements by supplying the State with their Illinois Procurement Gateway registration number, expiration date, and "FORMS B" documents must read this clarification document in its entirety.

VENDORS UTILIZING "FORMS B" MUST BE REGISTERED SPECIFICALLY WITH THE ILLINOIS PROCUREMENT GATEWAY TO BE DEEMED RESPONSIVE TO THIS SOLICITATION.

In order to verify that you are registered with the Illinois Procurement Gateway (IPG), please click on "Registered Vendor Directory" on the IPG homepage (https://ipg.vendorreg.com). Search for your Business Name. If your company does not appear in the search results, then you are not registered in the IPG.

To use FORMS B, vendors must be listed in the "Registered Vendor Directory" as described above, and provide a valid registration number with expiration date from the Illinois Procurement Gateway. Please note that it is possible for vendors who have registered with another government entity (such as the City of Chicago's Compliance and Certification portal) using the same portal software, to have a registration number and expiration date for a different (non-State of Illinois) application process. *Registration information from other government entities will not be accepted.*

If the "Registered Vendor Directory" does not list your company, then you must utilize the "FORMS A" option to meet the certification and disclosure requirements of this solicitation.

Every bid submitted to and contract executed by the State, and every subcontract subject to Section 20-120 of the Procurement Code shall contain a certification by the Bidder, contractor, or sub-contractor under the Section, and acknowledge that the Chief Procurement Officer may declare the related contract void if any of the certifications are false.

RESPONSIBLE BIDDER AFFIDAVIT
in accordance with
PUBLIC ACT 97-0369

CONTRACT NO: I-18-4430
(Enter Tollway Contract Number)

SUBMITTING BIDDER: F.H. Paschen, S.N. Nielsen & Associates LLC
(Enter Name of Firm)

ADDRESS: 5515 N. East River Road

Chicago, Illinois 60656

STATE OF ILLINOIS)
) **SS**
COUNTY OF COOK)

The Affiant, Roland Schneider, being first duly sworn, upon oath deposes and says:

1. That the Affiant is Authorized Agent & VP of F.H. Paschen, S.N. Nielsen & Associates LLC who is the Bidder on the above referenced contract by the Illinois State Toll Highway Authority, hereinafter "Owner" for the contract known as I-18-4430 *(enter Tollway contract number)*, between the Bidder and the Owner;

2. The Affiant hereby states that the Bidder will maintain an Illinois office as the primary place of employment for persons employed in the construction authorized by said contract if contract is so awarded.

I am duly authorized to make this Affidavit. I know and understand the contents of this Affidavit, and all statements herein are true and correct.

[redacted]

SIGNATURE OF AFFIANT

SUBSCRIBED AND SWORN BEFORE ME THIS 4th **DAY OF** April **, 20** 19 **.**

[redacted]

NOTARY PUBLIC

KATHLEEN PATTISON
OFFICIAL SEAL
Notary Public, State of Illinois
My Commission Expires
August 24, 2022

ILLINOIS STATE TOLL HIGHWAY AUTHORITY

PREFERENCES

The Illinois Procurement Code provides various preferences to promote business opportunities in Illinois.

Does Bidder make any claims for preferences? If so, please mark the applicable preference(s) and include the list of items that qualify for the preference at the end of this section and a description of why the preference applies. The State reserves the right to determine whether the preference indicated applies to Bidder.

- [x] Resident Bidder (30 ILCS 500/45-10)
- [ ] Recycled Materials (30 ILCS 500/45-20)
- [ ] Recycled Paper (30 ILCS 500/45-25)
- [ ] Environmentally Preferable Supplies (30 ILCS 500/45-26)
- [ ] Illinois Correctional Industries (30 ILCS 500/45-30)
- [ ] Sheltered Workshops for the Severely Handicapped (30 ILCS 500/45-35)
- [ ] Gas Mileage (30 ILCS 500/45-40)
- [ ] Small Businesses (30 ILCS 500/45-45)
- [ ] Illinois Agricultural Products (30 ILCS 500/45-50)
- [ ] Corn-Based Plastics (30 ILCS 500/45-55)
- [ ] Disabled Veterans (30 ILCS 500/45-57)
- [ ] Vehicles Powered by Agricultural Commodity-Based Fuel (30 ILCS 500/45-60)
- [ ] Public Purchases in Other State (30 ILCS 520)
- [ ] Illinois Mined Coal Act (30 ILCS 555)
- [ ] Steel Products Procurement (30 ILCS 565)
- [ ] Veteran's Preference (330 ILCS 55)
- [ ] Procurement of Domestic Products (30 ILCS 517)
- [ ] Bio-based Products (30 ILCS 500/45-75)

Items that Qualify and Explanation:

Company Headquarters Located at: 5515 N. East River Road, Chicago, Illinois 60656

Signature of Authorized Representative: [redacted]

Printed Name of Authorized Representative: Roland Schneider, Authorized Agent & VP

Vendor Name: F.H. Paschen, S.N. Nielsen & Associates LLC

Date: April 4, 2019

CERTIFICATE

I do hereby certify that the following is a true, complete and correct copy of a resolution of the Directors of FHP Management, Inc., the Sole Manager of F.H. Paschen, S.N. Nielsen & Associates LLC on September 17, 2018.

RESOLVED, that the following are hereby authorized to execute and deliver for and on behalf of F. H. Paschen, S.N. Nielsen & Associates LLC contracts of all kinds, including but not limited to, construction proposals, bids, construction contracts, joint venture agreements, change orders, bid bonds, payment and performance bonds, letters of credit and any and all documents, instruments and papers which in their discretion may be necessary, expedient, or proper for the presentation of a proposal and if awarded a contract for the construction upon which F. H. Paschen, S.N. Nielsen & Associates LLC is engaged or will become engaged as a Contractor or Manager; The Agents are As Follows:

James V. Blair	Agent
James J. Habschmidt	Agent
Joseph V. Scarpelli	Agent
Robert F. Zitek	Agent
W. Mark Barkowski	Agent
Charles Freiheit	Agent
Roland Schneider	Agent
Timothy B. Stone	Agent
Leo J. Wright	Agent

Resolved further, that the following are authorized to sign on behalf of F.H. Paschen, S.N. Nielsen & Associates LLC, any construction proposals, bids, construction contracts, change orders, subcontract agreements, task orders and purchases orders:

Riley C. Barron	Agent	William Rocha	Agent
Tedd Bloom	Agent	Ronald Rydosz	Agent
Perry Scott Bowden	Agent	Jeremy Seyller	Agent
Jeanette Charon	Agent	James Simon	Agent
Michael Clementi	Agent	Wayne Thompson	Agent
Anthony Izzi	Agent	Tony Trost	Agent
Matthew Moss	Agent	Michael Kusbel	Agent
Francis Mullaghy	Agent		

Resolved further, James J. Habschmidt, Secretary and each Assistant Secretary of of FHP Management, Inc., the Sole Manager of F.H. Paschen, S.N. Nielsen & Associates LLC is authorized to certify the foregoing resolution to any third party to further business operations of F.H. Paschen, S.N. Nielsen & Associates LLC.

I do hereby further certify that said resolution has not been amended or repealed and is in full force and effect.

IN WITNESS WHEREOF I have hereunto set my hand as Secretary of FHP Management, Inc., the Sole Manager of F. H. Paschen, S.N. Nielsen & Associates LLC., this 20th day of March, 2019.

[redacted]

James Habschmidt
Secretary

State of Illinois
County of Cook
Subscribed and sworn to before me this 20th day of March, 2019.

[redacted]

Notary Public

KATHLEEN PATTISON
OFFICIAL SEAL
Notary Public, State of Illinois
My Commission Expires
August 24, 2022

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

CONTRACT NO. I-18-4430

LIST OF INDIVIDUAL CONTACTS

The Bidder is hereby requested to list those individuals to be contacted for information regarding the analysis of the various portions of the Bid.

ITEM	INDIVIDUAL	TELEPHONE NO.	E-MAIL
Schedule of Prices	Roland Schneider	773-444-3474	rschneider@fhpaschen.com
Bid Guaranty	Roland Schneider	773-444-3474	rschneider@fhpaschen.com
DBE 2026	Roland Schneider	773-444-3474	rschneider@fhpaschen.com
EEO Program	Ms. Allison Maloney	773-444-3474	amaloney@fhpaschen.com
VOSB 2026	Roland Schneider	773-444-3474	rschneider@fhpaschen.com
Financial Disclosures Forms A or Forms B	Roland Schneider	773-444-3474	rschneider@fhpaschen.com
IDOT Certificate of Eligibility	Roland Schneider	773-444-3474	rschneider@fhpaschen.com
Non-Collusion Affidavit – Page R-4	Roland Schneider	773-444-3474	rschneider@fhpaschen.com

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT NO. I-18-4430

AFFIDAVIT

State of Illinois)
) SS
County of Cook)

The undersigned, being first duly sworn, on his/her oath deposes and says:

That his/her name is Roland Schneider, and he/she resides at , Cook County, Illinois and his/her office is at Cook County, Illinois, That he/she makes, and is authorized to make this affidavit on behalf of F.H. Paschen, S.N. Nielsen & Associates LLC, a
(Name of Corporation, Partnership, etc.)

Limited Liability Company, formed under the laws of Illinois
(Sole proprietorship, corporation, partnership, etc.) (Name of State)

of which he/she is Authorized Agent & VP.
(Sole owner, partner, president, etc.)

That this Bid (of which this Affidavit is a part) for the construction of a portion of The Illinois State Toll Highway System, described in **Contract No. I-18-4430** is submitted in good faith and not as a speculation or to be assigned or relinquished and will be executed and fulfilled by said Bidder, according to its terms, if accepted, and according to the Plans and Specifications for said construction, that this Bid is made without reference to any other Bid, that this Bidder has not offered to or received from any person, firm, board, commission, trustee or corporation any sum of money or consideration for the making of said Bid; that no inducement of any form or character other than that which appears upon the face of the Bid will be suggested, offered, paid or delivered to any person whatsoever to influence the acceptance of the said Bid or awarding of the Contract, nor has this Bidder any agreement or understanding of any kind whatsoever, with any person whomsoever to pay, deliver to, or share with any other person in any way or manner, any of the proceeds of the Contract sought by this Bid; that said Bidder has not directly or indirectly made any arrangements, contract, or understanding with any other Bidder or Bidders concerning the amount of said Bid, nor has such Bidder in any way colluded, conspired, connived, or agreed in any manner or form, with any person whomsoever to influence any Bid for said Contract, directly or indirectly.

[redacted]

Roland Schneider (Affiant) Authorized Agent & VP

Sworn to before me and subscribed in my presence this 4th day of April, 2019,

[redacted]

(Notary Public)

My Commission Expires: August 24, 2022

KATHLEEN PATTISON
OFFICIAL SEAL
Notary Public, State of Illinois
My Commission Expires
August 24, 2022

CONTRACT NO. I-18-4430

PLANT AND EQUIPMENT QUESTIONNAIRE

The Signatory of this questionnaire guarantees the truth and accuracy of all statements and of all answers to interrogatories hereinafter made.

1. KEY PERSONNEL

Identify the personnel whom, if the contract is awarded to you, will manage and supervise the work. List the General Manager or Superintendent through Shift Foreman.

(USE BLACK INK ONLY)

NAME	TITLE OR POSITION IN THE FIRM	FUNCTION ON THIS PROJECT	YEARS WITH THE FIRM	YEARS OF EXPERIENCE IN SUPERVISING THIS TYPE OF WORK
Mike Kusbel	Project Executive	Project Executive	1	30
Dennis Kelso	General Superintendent	General Superintendent	35	42
Mike Jasek	Project Manager	Project Manager	8	20

CONTRACT NO. I-18-4430

PLANT AND EQUIPMENT QUESTIONNAIRE

2) The information furnished in these equipment lists 2a, 2b and 2c will be used to evaluate the Bidders' understanding of this project as well as the Bidder's capacity to carry out the project.

2a) EQUIPMENT OWNED

List the equipment which you now own that will be utilized on this contract, if awarded to you.

QUANTITY	UNIT	DESCRIPTION, SIZE, CAPACITY, ETC.	MANUFACTURER	YEAR OF MFR.	YOUR I.D. NO. OR CODE
See Attached					

F.H. PASCHEN COMBINED COMPANIES
CONSTRUCTION EQUIPMENT
DECEMBER 31, 2018
ILLINOIS DEPARTMENT OF TRANSPORTATION

DESCRIPTION		PURCHASE DATE
Backhoe Bucket		11/17/04
Skid Steer	(0.5 CY)	11/22/04
Two Gomaco Bridge Deck Machines	PCCP	01/20/05
Rexcon Town&Country I Slipform Paver	PCCP	02/01/05
Town&Country I Belt Placer/Spreader	PCCP	02/01/05
Rexcon Model 2600 Texture Cure Machine	PCCP	02/01/05
10 x 60 Mobile Office		05/11/05
12 x 60 Mobile Office		05/11/05
Used 2000 Dynapac CA252D Roller Compactor	125 HP	05/12/05
SSI-Cox Profilograph System	PCCP	06/17/05
200 10x12x10 paving forms		07/06/05
Drill, Slab Rider 2-G E-Z 210B-2SRA		08/10/05
NPK E-205 Hydraulic Hammer (new)		10/05/05
Triaxle Heavy Frame Trailer, Unit 546		10/05/05
Rexcon Attachment for Paver		10/06/05
John Deere Model 700H Crawler Bull Dozer	125 HP	10/12/05
8000# Lull Model 844 Rough Terrain	8000 lbs	10/12/05
Terex RT555 Rough Terrain Concrete Crane	55 Ton Crane	10/12/05
12x60 Mobile Office		12/15/05
12x60 Mobile Office		12/15/05
2005 John Deere 650JLT Crawler Bull Dozer	101 HP	04/01/06
2005John Deere 650JLGP Crawler Bull Dozer	101 HP	04/01/06
2006 Volvo Model L90E Loader	(3.3 CY)	04/01/06
14' Heavyduty Trailer		04/19/06
2006 Haulmark Trailer 85x20		05/12/06
Used Gomaco9500 Trimmr Mechanical Spreader	PCCP	07/12/06
Drill Slab Rider 2-G EZ210B-2SRA		07/13/06
Drying Disc TMR-16-2 Rome		07/13/06
Gradall 24" and 40" Buckets		10/05/06
Morrision 47 1/2' Super Screed w/8HP Honda		10/11/06
EZ Drill #96961 Macro Dust Collection Kit		10/11/06
NPK E-205 Hammer		10/11/06
Major Repair to Bobcat T-250		12/11/06
Major Repair to RT530E		12/27/06
Town&Country Paving Machine	PCCP	02/22/07
2005 Ford F750XL Water Truck	2500 Gallon	03/07/07
2005 Ford F750XL Water Truck	2500 Gallon	03/07/07
Gradall XL4100	(1.1 CY)	03/07/07
Gomaco Trimmer 9500 Mechanical Spreader	PCCP	03/19/07
2007 Econoline Trailer		05/03/07
18 'EQ Trailer		07/13/07
2007 Volvo fork Assembler		08/05/07
Ride on Roller Compactor	(125 HP)	10/26/07

F.H. PASCHEN COMBINED COMPANIES
CONSTRUCTION EQUIPMENT
DECEMBER 31, 2018
ILLINOIS DEPARTMENT OF TRANSPORTATION

DESCRIPTION		PURCHASE DATE
Tax on Equipment		11/20/07
Survey Equipment Robot		12/14/07
Volvo Model L70E Wheel Loader	(3.0 CY)	01/24/08
2006 John Deere 850 J WXLT Dozer	200 HP	03/03/08
Major Repair Terex RT555		03/31/08
Rexcon Model 2600 Texture Cure Machine	PCCP	04/17/08
Testing Instrument - R-Meter MRK III		04/17/08
Excavator purchase-S-300 Bobcat	(0.834 CY)	06/25/08
M-8100 Slipform Curb & Half-width Paver	PCCP	12/12/08
G/H E-3000 8000011 & Ground Heater		12/24/08
80X42 Office Trailer		12/31/08
80X42 Office Trailer (75% Final Payment)		01/27/09
Pump, Hose, Purchase WAC PT6LT		02/20/09
Major Repair Alllied Hammer Rebuild		03/04/09
Pump 6", WAC PT6LT 5815739, Hose w/ Strai		03/18/09
LVL form 3x6 2.0E, 75PC Pet to 31'11.5, 56		03/30/09
Steel Stiffbacks for FHP Gang Forms		03/31/09
Guntert & Zimmerman Final Finisher w/ Attach		04/27/09
Major Repair Outrigger Extension in Cylinder Grove		05/11/09
Auger & Flighting for Volvo 290B Excavator		06/11/09
Power Transition Adjuster for a C450X		07/02/09
Major Repairs to Gradall #276		08/28/09
EX33ILC Excavator Rebuild		09/18/09
Rebuild Rear Plantaries and Breaks Lull		12/08/09
Steering Controller, Hydraulic, & Sensors		01/05/10
Position Sensor Sunstrand #MCW102A1005		01/05/10
Groundrive Motor for Tiner		01/05/10
Major Repair 850 Dozer #286		01/27/10
Final Finisher Ski-Pavers #05-1/#06-2; E-1011		02/23/10
O'Leary's Major Repair E-Z Drill-2 Gang S/N #2929		03/04/10
O'Leary's Major Repair E-Z Drill-2 Gang S/N #2844		03/04/10
Miller Formless Shoulder Package	PCCP	04/16/10
2007 Cat 236B Skidsteer Bucket #295	(0.5 CY)	04/29/10
2007 Cat 236B Skidsteer Bucket #296	(0.5 CY)	04/29/10
2007 Cat 924GZ Wheel Loader Bucket #297	(3.6 CY)	04/29/10
2006 Cat 914 Wheel Loader Bucket #298	(1.75 CY)	04/29/10
2008 Pro Tech SP12L-Yellow 12' (Tall) #545		04/29/10
Major Repairs to Gradall 4100		06/15/10
RTS655 Robotic TS Kit		07/06/10
Hitachi ZX450LC Excavator w/ CF 72" Bucket	(0.75 CY)	09/29/10
Generator 70K Watt WAC G70		11/23/10
Major Repairs to Grove RT530E S/N: 221088		12/09/10
Towmaster T10T Trailer		08/26/11

F.H. PASCHEN COMBINED COMPANIES
CONSTRUCTION EQUIPMENT
DECEMBER 31, 2018
ILLINOIS DEPARTMENT OF TRANSPORTATION

DESCRIPTION		PURCHASE DATE
Piling Equipment Sheeting		11/10/11
Delmag Pile Hammer & Steel Swinging Leads		11/11/11
Welder, 250-400 AMP0135		11/23/11
Complete Scanning System with Accessories		12/22/11
2 Desiccant Dehumid. Electric 480 & 2 A/C Trane 480V		01/12/12
New Volvo L90F Wheel Loader S/N #28221	(3 CY)	01/30/12
Volvo L90F Wheel Loader S/N #27628	(3 CY)	01/30/12
CG600/3X8/DH, Grout Hose & Water Batcher		04/17/12
O'Leary's-Hydraulic Hammer		05/15/12
GNSS SPS985 Smart Antenna Kit & Upgrade		05/25/12
GNSS SPS855 & SPS985 Kits & Upgrades		05/25/12
Rudd Link-Belt 238 HSL - Concrete 150 Ton Crane	150 Ton Crane	10/26/12
2012 L90F Wheel Loader with Bucket	(3 CY)	11/26/12
2012 L90G Wheel Loader with Bucket	(3.5 CY)	11/26/12
T & C I Belt Placer	PCCP	02/07/13
Gomaco GHP 2800 4 Track Paver equipped with Optional Hydraulic Edge Slump	PCCP	02/14/13
LS 218 HSL CRANE STOCK # 167916	110 Ton Crane	08/07/13
Link Belt 218 HSL Crane	110 Ton Crane	09/23/13
Link Belt 218 HSL Crane	110 Ton Crane	10/18/13
Custom Tie Back Machine 50' Continuous Stroke		11/19/13
ABI 22 Mobilram System		01/17/14
LoDril DH60 Universal		02/04/14
2013 Volvo EC220DL Excavator	(1.45 CY)	02/22/14
336DL Excavator with hammer		09/12/14
KR 802-3 Klemm Drill		07/31/14
2013 Volvo EC220DL Excavator	(1.73 CY)	11/07/14
Gradall XL4100 IV	245 HP	12/19/14
2014 John Deere 350G IT4 Excavator	(2.3 CY)	03/10/15
2014 John Deere 350G IT4 Excavator	(2.3 CY)	03/10/15
2014 John Deere Model 290GLC Excavator	(1.75 CY)	03/10/15
2014 John Deere Model 290GLC Excavator	(1.75 CY)	03/10/15
2014 John Deere Model 290GLC Excavator	(1.75 CY)	03/10/15
2014 Hitachi ZX350LC-5 Excavator	(2.7 CY)	03/10/15
2006 ZX240 Hitachi Excavator	(1.5 CY)	05/05/15
2014 John Deere 135G IT4 Excavator	(0.65 CY)	05/05/15
Soilmec SR-75 Self Erecting Drilling Rig		05/06/15
2014 Volvo L90G - Wheel Loader	(3 CY)	06/01/15
Soilmec SR-75 Self Erecting Drilling Rig		03/17/16
2016 Gomaco 9500 Trimmer		04/25/16
Soilmec SR-45 Self Erecting Drilling Rig		06/06/16
Lieca Pavesmart 3D System for GHP 2800 Paver		06/23/17
Lieca Pavesmart 3D System for GHP 9500 Trimmer		06/23/17

F.H. PASCHEN COMBINED COMPANIES
CONSTRUCTION EQUIPMENT
DECEMBER 31, 2018
ILLINOIS DEPARTMENT OF TRANSPORTATION

DESCRIPTION		PURCHASE DATE
Bobcat BC5600	(0.80 CY)	01/11/18
2012 Kobelco SK235 SR-2 Excavator	(1.7 CY)	07/02/18
3D Laser Scanner & Software		08/01/18
50 Ton Telescopic Boom Crawler Crane	50 Ton Crane	11/29/18
50 Ton Telescopic Boom Crawler Crane	50 Ton Crane	11/29/18
75 Ton Telescopic Boom Crawler Crane	75 Ton Crane	11/29/18
Portable Concrete Plant With Drum Mixer		12/07/18

Total

F.H. PASCHEN COMBINED COMPANIES
VEHICLES
DECEMBER 31, 2018
ILLINOIS DEPARTMENT OF TRANSPORTATION

DESCRIPTION	PURCHASE DATE
2014 Chevy Traverse #4097	07/03/14
2014 Chevy Silverado Reg Cab #4101	08/01/14
2014 Chevy Silverado Double Cab #4102	08/01/14
2003 Chevy Silverado #4103	08/04/14
2014 Chevy Silverado Reg Cab #4104	08/06/14
2015 Chevy Silberado Double Cab #4105	08/07/14
2014 Chevy Silverado #4106	09/15/14
2014 Chevy Silverado #4107	09/17/14
2015 Cadillac Escalade ESV	04/06/15
2015 Jeep Grand Cherokee #1167	05/05/15
2015 Jeep Patriot #1171	05/05/15
2015 Jeep Patriot #1172	05/05/15
2012 Chevrolet Silverado 1500 #4108	07/01/15
2016 Jaguar F-Type	10/29/15
2016 Chevy Equinox #1180	11/02/15
2016 Chevy Equinox #1181	11/02/15
2016 Chevy Silverado #4111	01/29/16
2016 Chevy Equinox #1193	02/12/16
2016 Chevy Silverado #4112	02/15/16
2016 Chevy Silverado #4113	02/22/16
2016 Chevy Silverado #4115	03/17/16
2016 Ford F-550 #4114	03/18/16
2016 Chevy Silverado #4116	03/21/16
2016 Cadillac Escalade #1188	05/06/16
2016 Chevy Equinox #1177	05/24/16
2016 Chevy Express Van #1138	06/07/16
2016 Chevy Silverado 1500 #4036	06/20/16
2016 Chevy Silverado #4117	07/19/16
2016 Chevy Silverado #4118	08/31/16
2016 Honda CR-V #1137	09/06/16
2016 Chevy Tahoe #4037	10/04/16
2016 Chevy Tahoe #1136	10/18/16
2017 Chevy Equinox #1135	10/19/16
2017 Chevy Tahoe #1133	01/04/17
2017 Chevy Traverse #1134	01/04/17
2017 Chevy Equinox #1132	01/17/17
2017 Chevy Equinox #1130	01/18/17
2017 Jeep Grand Cherokee #1129	05/09/17
2017 Chevy Silverado #4119	05/08/17
2017 Chevy Silverado #4120	05/09/17
2017 Chevy Corvette #1128	05/11/17
2017 Chevy Silverado 1500 Crew Cab #4121	06/06/17

F.H. PASCHEN COMBINED COMPANIES
VEHICLES
DECEMBER 31, 2018
ILLINOIS DEPARTMENT OF TRANSPORTATION

DESCRIPTION	PURCHASE DATE
2017 Chevy Silverado 1500 Crew Cab #4122	06/14/17
2017 Chevy Silverado 2500 HD #4123	08/30/17
2017 Chevy Silverado 1500 #4124	09/08/17
2018 Chevy Silverado #4125	10/26/17
2017 Chevy Tahoe #1131	01/04/18
2018 Cadillac XT5 #1191	02/13/18
2018 Chevy Tahoe # 4126	03/29/18
2018 Chevy Silverado 2500HD # 4127	04/02/18
2018 Chevy Colorado # 4128	04/20/18
2018 Chevy Colorado # 4129	04/23/18
2018 Chevy Colorado # 4130	06/28/18
2018 Chevy Colorado # 4131	06/28/18
2018 Chevy Colorado # 4132	06/28/18
2018 Chevy Silverado 2500HD # 1119	06/28/18
2019 Jeep Cherokee 4X4 # 1122	07/09/18
2019 Jeep Cherokee 4X4 # 1121	07/09/18
2019 Jeep Cherokee 4X4 # 1120	07/09/18
2019 Jeep Cherokee 4X4 # 4133	07/09/18
2018 Chevy Colorado # 1118	07/17/18
2018 Chevy Traverse # 4134	07/18/17
2018 Chevy Silverado # 4135	07/17/18
2018 Chevy Silverado # 4136	07/23/18
2018 Chevy Silverado # 4137	07/23/18
2018 Chevy Silverado # 4099	07/23/18
2018 Chevy Colorado # 4138	07/25/18
2018 Chevy Colorado # 4139	08/21/18
2018 Chevy Colorado # 4140	08/21/18
2019 Chevy Silverado # 4141	10/10/18
2019 Chevy Silverado # 4142	10/17/18
2019 Chevy Colorado # 4143	12/12/18
2019 Chevy Colorado # 4144	12/12/18
2019 Chevy Colorado	12/12/18
TOTALS	

CONTRACT NO. I-18-4430

PLANT AND EQUIPMENT QUESTIONNAIRE

2b) EQUIPMENT TO BE LEASED OR RENTED

List the equipment which you intend to rent or lease for this contract if awarded to you.

QUANTITY	UNIT	DESCRIPTION, SIZE, CAPACITY, ETC.	MANUFACTURER	YEAR OF MFR.	PROPOSED RENTER OR LESSOR
None Anticipated At This Time					

CONTRACT NO. I-18-4430

PLANT AND EQUIPMENT QUESTIONNAIRE

2c) EQUIPMENT TO BE PURCHASED

List the equipment which you intend to purchase for this contract, if awarded to you. Include pneumatic and hydraulic tools, lighting equipment, mobile or portable service/repair equipment, and equipment to be used in maintenance of traffic.

QUANTITY	UNIT	DESCRIPTION, SIZE, CAPACITY, ETC.	MANUFACTURER	YEAR	APPROXIMATE COST
None Anticipated At This Time					

PLANT AND EQUIPMENT QUESTIONNAIRE

3. SUB-CONTRACT WORK

List below the portions of the work which will be performed by subcontractors, the pay items which they relate to, the approximate value of the work to be subcontracted, and the names of firms being considered.

SCOPE OF WORK	RELATED PAY ITEM	% OF TOTAL CONTRACT	APPROX. $ VALUE	IDENTIFIED CONTRACTOR

4. MATERIALS COMMITMENTS

Have you entered into contracts for or received firm offers for the supply of all major materials which meet requirements of the specifications for this project? Yes ☒ No ☐

If your answer is NO, explain fully below or attach an explanation.

CONTRACT NO. I-18-4430

PLANT AND EQUIPMENT QUESTIONNAIRE

5. EXAMINATION OF SITE WORK

Have you carefully inspected the site of the work and evaluated all of the requirements with respect to your capability to provide the resources necessary to complete the work in accordance with those requirements?

YES X NO_____

6. DOCUMENT REFERENCE

In preparing your Bid did you have available for reference the following contract documents?

The Special Provisions YES X NO_____

The Contract Plans YES X NO_____

The IDOT Standard Specifications and Tollway Supplemental Specifications, latest edition as referenced in S. P. 101 YES X NO_____

Dated at Cook Co., IL this 4th day of April, 2019.

F.H. Paschen, S.N. Nielsen & Associates LLC
Name of Organization

By [redacted]

Roland Schneider, Authorized Agent & VP
Title of Person Signing

STATE OF ILLINOIS)
)
COUNTY OF COOK)

Roland Schneider being duly sworn deposes and says that he/she is Authorized Agent & VP of the above F.H. Paschen, S.N. Nielsen & Associates LLC and that the answers to the questions in the foregoing
Name of Organization

questionnaires and all statements therein contained are true and correct.

Subscribed and sworn to me before this 4th day of April, 2019.

[redacted]
Notary Public

My Commission Expires: August 24, 2022

KATHLEEN PATTISON
OFFICIAL SEAL
Notary Public, State of Illinois
My Commission Expires
August 24, 2022

CONTRACT NO. I-18-4430

CURRENT CONTRACTUAL OBLIGATIONS

Entries on this sheet are to **cover all construction work under contract or verbal performance agreement or pending award** to the contractor signing, whether as principal or as sub-contractor and with any owner including the United States government.

WORK NOW UNDER CONTRACT AS PRINCIPAL OR JOINT VENTURE

CONTRACT NUMBER	CONTRACT ENTERED INTO WITH (OWNER OR AGENCY)	VALUE OF WORK UNEARNED	TYPE OF WORK YET TO BE PERFORMED	ESTIMATED COMPLETION DATE
See Attached Affidavit of Avialability				

TOTAL UNDER CONTRACT AND UNEARNED

WORK AS SUB-CONTRACTOR

CONTRACTOR	OWNER OR AGENCY	VALUE OF WORK UNEARNED	TYPE OF WORK YET TO BE PERFORMED	ESTIMATED COMPLETION DATE

TOTAL SUBLET AND UNEARNED

LOW BIDS SUBMITTED, OPENED AND NOT APPROVED

CONTRACT NUMBER	OWNER OR AGENCY	VALUE OF WORK UNEARNED	TYPE OF WORK YET TO BE PERFORMED	ESTIMATED COMPLETION DATE

TOTAL OF BIDS PENDING AWARD _____

I hereby certify that, to the best of my knowledge and belief, the above tabulations are true and complete and that my/our latest financial statement is available upon request to verify my/our financial position as of this date.

F.H. Paschen, S.N. Nielsen & Associates LLC
BIDDER

April 4, 2019
DATE

BY: [redacted]
SIGNATURE

Roland Schneider, Authorized Agent & VP
TITLE

SUB-CONTRACTOR

SUB-CONTRACTOR

Illinois Department of Transportation

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability

For Letting of April 26, 2019

INSTRUCTIONS: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

PART I. WORK UNDER CONTRACT

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate and must include work subcontracted to others. If no work is contracted, show NONE.

	1	2	3	4	
Contract Number	E-5-5003	61D18	ARFF No. 2	RR Bridge 47C	
Contract With	CDOT	IDOT	CDOA	Indiana Harbor B	
Estimated Completion Date	March 30, 2019	December 2017	February 2019	April 3, 2018	
Total Contract Price	$28,739,653	$3,128,921	$15,538,000	$4,859,975	**Accumulated Totals**
Uncompleted Dollar Value if Firm is the Prime Contractor	$1,899,225	$351,012	$8,556,062	$201,390	$729,536,339
Uncompleted Dollar Value if Firm is the Subcontractor					$0
			Total Value of All Work		$729,536,339

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

					Accumulated Totals
Earthwork					$10,757,782
Portland Cement Concrete Paving					$27,912,592
HMA Plant Mix					$0
HMA Paving					$0
Clean & Seal Cracks/Joints					$0
Aggregate Bases & Surfaces				$0	$0
Hwy, R.R. & Wtrwy Strctrs	$194,506				$36,481,612
Drainage					$0
Electrical					$0
Cover and Seal Coats					$0
Concrete Construction		$45,888		$0	$20,360,101
Landscaping					$0
Fencing					$0
Guardrail					$0
Painting					$0
Signing					$0
Cold Milling, Planning & Rotomilling					$0
Demolition					$4,547,956
Pavement Markings (Paint)					$0
Other Construction (List)				$0	$0
Building Construction			$1,386,340		$74,490,180
					$0
					$0
Totals	$194,506	$45,888	$1,386,340	$0	$174,550,222

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4
Subcontractor	Kapur	Kapur	Lindahl	Kapur
Type of Work	Survey	Survey	Grading	Survey
Subcontract Price	$125,139	$6,951	$534,281	$23,296
Amount Uncompleted	$12,395	$0	$79,075	$0
Subcontractor	K-5	Kalgen	Martinez	Arteaga
Type of Work	Asphalt	Quality Control	Underground	Landscape
Subcontract Price	$166,921	$24,005	$325,000	$40,571
Amount Uncompleted	$0		$29,500	$0
Subcontractor	Hecker	Johnson Paving	Industrial Fence	Industrial Fence
Type of Work	Electrical	Asphalt	Fence	Fence
Subcontract Price	$1,361,780	$58,998	$79,896	$52,768
Amount Uncompleted	$556,623	$4,455	$79,896	$0
Subcontractor	Industrial Fence	C R Schmidt	Del Toro	Stalworth
Type of Work	Fence	Pavers	Landscape	Piling
Subcontract Price	$2,992,019	$137,040	$75,328	$1,028,550
Amount Uncompleted	$360,205	$18,432	$71,028	$201,390
Subcontractor	Natural Creations	Bofo	M A Rebar	Clausen
Type of Work	Landscape	Sealant	Rebar Erection	Erection
Subcontract Price	$927,915	$10,700	$252,942	$244,596
Amount Uncompleted	$715,172	$10,700	$252,942	$0
Subcontractor	Clean Cut	Northern	Johnson Control	Maint Ctg.
Type of Work	Clearing	Fence	Fire Protection	Striping
Subcontract Price	$18,143	$81,511	$287,833	$20,560
Amount Uncompleted	$6,964	$3,446	$274,604	$0
Subcontractor	Archon	Muellermist	Midwest	Ray Edwards
Type of Work	Utility	Irrigation	Skylight	Underground Utility
Subcontract Price	$107,187	$32,750	$29,685	$135,095
Amount Uncompleted	$19,525	$0	$3,393	$0
Subcontractor	JEM	ViMak	Abuta	Traffic Control
Type of Work	Traffic Control	Masonry	Utilities	TCP
Subcontract Price	$133,961	$352,443	$1,088,000	$27,459
Amount Uncompleted	$33,835	$38,565	$646,695	$0
Subcontractor	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &
Type of work	Miscellaneous	Uncommitted Subs	Uncommitted Subs	Uncommitted Subs
Subcontract Price	$11,556,353	$1,234,647	$13,017,381	$1,863,730
Amount Uncompleted	$0	$229,526	$5,732,589	$0
Total Uncompleted	$1,704,719	$305,124	$7,169,722	$201,390

I, being duly sworn, do hereby declare that this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Illinois Department of Transportation

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability

For Letting of April 26, 2019

INSTRUCTIONS: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

PART I. WORK UNDER CONTRACT

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate and must include work subcontracted to others. If no work is contracted, show NONE.

	5	Pending	7	8	9
Contract Number	Bridge Repair 62F7	Wells - Wentworth	Bryne	Skinner	9C-27C Runway
Contract With	IDOT	CDOT	PBC	PBC	CDOA
Estimated Completion Date	June, 2018	May 28, 2021	August 13, 2018	Nov. 15, 2018	March 1, 2019
Total Contract Price	$666,528	$40,710,754	$13,611,000	$12,086,198	$104,628,123
Uncompleted Dollar Value if Firm is the Prime Contractor	$12,202	$40,710,754	$656,569	$1,278,398	$15,035,690
Uncompleted Dollar Value if Firm is the Subcontractor					

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work sub-contracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork		$6,495,147			$168,750
Portland Cement Concrete Paving		$865,015			$4,721,607
HMA Plant Mix					
HMA Paving					
Clean & Seal Cracks/Joints					
Aggregate Bases & Surfaces					
Hwy, R.R. & Wtrwy Strctrs		$15,661,488			
Drainage					
Electrical					
Cover and Seal Coats					
Concrete Construction					
Landscaping					
Fencing					
Guardrail					
Painting					
Signing					
Cold Milling, Planning & Rotomilling					
Demolition		$3,201,000			
Pavement Markings (Paint)					
Other Construction (List)					
Building Construction			$104,482	$214,239	
Totals	$0	$26,222,650	$104,482	$214,239	$4,890,357

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BC 57 (Rev. 08/17/10)

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	5	Pending	7	8	9
Subcontractor	ACS		Midwest	Garces	Kapur
Type of Work	Restoration		Fence	Plumbing	Survey
Subcontract Price	$301,094		$47,941	$450,371	$718,490
Amount Uncompleted	$0		$0	$10,000	$214,952
Subcontractor	Vector		Homer	Fence Masters	K-5
Type of Work	Corrosion		Clearing	Fence	Asphalt
Subcontract Price	$46,940		$11,000	$111,542	$12,059,334
Amount Uncompleted			$0	$15,500	$1,857,764
Subcontractor	ABC Ctg		Harrington	Jade	Clausen
Type of Work	Coating System		Utilities	Carpentry	Erection
Subcontract Price	$1,636		$1,360,780	$44,798	$1,986,905
Amount Uncompleted	$0		$174,555	$8,000	$0
Subcontractor	Clausen		Araiza	Bofo	Midwest Fence
Type of Work	Steel Erection		Concrete	Sealant	Fence
Subcontract Price	$80,990		$906,365	$57,000	$151,651
Amount Uncompleted	$0		$3,241	$28,000	$15,323
Subcontractor	Traffic Service		Midwest Fire Pr	Continental	TCP
Type of Work	Traffic Control		Fire Proofing	Painting	Traffic Control
Subcontract Price	$81,273		$52,065	$76,501	$519,330
Amount Uncompleted	$0		$0	$9,050	$6,313
Subcontractor			F & G	Smart	Perform Traffic
Type of Work			Roofing	Elevators	Traffic Control
Subcontract Price			$375,588	$180,000	$214,268
Amount Uncompleted			$0	$15,625	$0
Subcontractor			Bofo	M W Powel	Northwest G C
Type of Work			Sealant	Roof	Utility
Subcontract Price			$146,414	$281,910	$10,852,924
Amount Uncompleted			$82,024	$44,910	$1,510,541
Subcontractor			US Arch. Glass & M	Automatic	Red Ant
Type of Work			Glass	Fire Protection	Boring
Subcontract Price			$407,000	$101,171	$1,011,200
Amount Uncompleted			$2,000	$1,000	$0
Subcontractor	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &
Type of work	Uncommitted Subs	Uncommitted Subs	Miscellaneous	Uncommitted Subs	Uncommitted Subs
Subcontract Price	$0	$14,488,104	$11,521,363	$9,856,370	$64,236,491
Amount Uncompleted	$12,202	$14,488,104	$290,267	$932,074	$6,540,440
Total Uncompleted	$12,202	$14,488,104	$552,087	$1,064,159	$10,145,333

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Illinois Department of Transportation

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability

For Letting of April 26, 2019

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PART I. WORK UNDER CONTRACT

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	10	11	12	13	14
Contract Number			15-123-3D Stickney	West Side 04-128-3	04-132-3D
Contract With			MWRD	MWRD	MWRD
Estimated Completion Date			Nov 2017	March 2018	May 17, 2019
Total Contract Price			$2,095,600	$92,875,881	$4,122,919
Uncompleted Dollar Value if Firm is the Prime Contractor	$0	$0	$62,868	$4,643,794	$824,584
Uncompleted Dollar Value if Firm is the Subcontractor					
			Joint Venture Portion	Joint Venture Portion	Joint Venture Portion

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

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Earthwork		$0			$284,647
Portland Cement Concrete Paving		$0			
HMA Plant Mix					
HMA Paving					
Clean & Seal Cracks/Joints					
Aggregate Bases & Surfaces					
Hwy, R.R. & Wtrwy Strctrs		$0			$1,343,161
Drainage					
Electrical					
Cover and Seal Coats					
Concrete Construction					
Landscaping					
Fencing					
Guardrail					
Painting					
Signing					
Cold Milling, Planning & Rotomilling					
Demolition		$0			
Pavement Markings (Paint)					
Other Construction (List)					
Building Construction			$6,408		$2,495,110
Totals	$0	$0	$6,408	$0	$4,122,919

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BC 57 (Rev. 08/17/10)

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	10	11	12	13	14
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
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Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &
Type of work	Uncommitted Subs	Uncommitted Subs	Uncommitted Subs	Uncommitted Subs	Uncommitted Subs
Subcontract Price			$1,882,014	$8,559,438	$0
Amount Uncompleted			$56,460	$4,643,794	
Total Uncompleted	$0	$0	$56,460	$4,643,794	$0

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PART I. WORK UNDER CONTRACT

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	15	16	17	18	19
Contract Number	Ramp Tower	Stinger Conc L	Washington Wabas	Rock Island Yard	Ring Tunnel
Contract With	CDOA	AA	CDOT	Metra	CDOA
Estimated Completion Date	Dec. 31, 2018	May 1, 2017	Feb. 28, 2016	March 2020	Feb 2019
Total Contract Price	$10,008,617	$56,261,310	$84,987,153	$29,429,000	$3,044,204
Uncompleted Dollar Value if Firm is the Prime Contractor	$3,686,082	$735,691	$424,813	$26,449,097	$249,949
Uncompleted Dollar Value if Firm is the Subcontractor					

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

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Earthwork				$453,213	
Portland Cement Concrete Paving					
HMA Plant Mix					
HMA Paving					
Clean & Seal Cracks/Joints					
Aggregate Bases & Surfaces					
Hwy, R.R. & Wtrwy Strctrs					
Drainage					
Electrical					
Cover and Seal Coats					
Concrete Construction					$60,962
Landscaping					
Fencing					
Guardrail					
Painting					
Signing					
Cold Milling, Planning & Rotomilling					
Demolition					
Pavement Markings (Paint)					
Other Construction (List)					
Building Construction	$1,400,450			$2,355,007	
Totals	$1,400,450	$0	$0	$2,808,220	$60,962

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BC 57 (Rev. 08/17/10)

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	15	16	17	18	19
Subcontractor	Cabo	Northwest	Alpine	Alpine	Traffic Service
Type of Work	Utilities	General	Demolition	Demolition	Traffic Control
Subcontract Price	$135,020	$2,222,221	$1,317,598	$387,775	$6,797
Amount Uncompleted	$0	$705,142	$0	$237,292	$0
Subcontractor	Del Toro	Peerless	Central	Clausen	FE Moran
Type of Work	Landscape	Fence	Sprinklers	Steel Erection	Fire Protection
Subcontract Price	$65,510	$201,218	$122,569	$172,400	$6,245
Amount Uncompleted	$65,510	$0	$0	$107,690	$0
Subcontractor	Natola	Rossi	MA Steel	Pinto	Block
Type of Work	Concrete	Site Work	Rebar Erection	Carpentry	Electrical
Subcontract Price	$115,838	$4,108,275	$351,098	$407,057	$137,000
Amount Uncompleted	$16,255	$22,189	$0	$407,057	$24,740
Subcontractor	Clausen	Reyes	Jade	Hlomah	National
Type of Work	Steel Erection	Utilities	Carpentry	Terrazzo	Painting
Subcontract Price	$313,979	$2,189,219	$645,752	$231,000	$69,255
Amount Uncompleted	$0	$0	$1,059	$231,000	$38,665
Subcontractor	Bofo	Hartman	Lake Shore Glass	Uptown	Bofo
Type of Work	Sealant	Electrical	Glass and Glazing	Paint	Sealant
Subcontract Price	$3,300	$7,479,573	$4,623,965	$131,200	$6,000
Amount Uncompleted	$0	$8,360	$0	$131,200	$3,300
Subcontractor	Kone	Stalworth	Mid America	Omega	Roberts
Type of Work	Elevator	Foundation Work	Elevator-Escalator	Plumbing	HVAC
Subcontract Price	$203,490	$924,982	$1,561,000	$688,375	$93,714
Amount Uncompleted	$41,202		$19,650	$565,758	$18,765
Subcontractor	Roberts	Industrial Fence	Schindler	Arteaga	Universal
Type of Work	HVAC	Fence	Elevator	Landscape	Abatement
Subcontract Price	$344,035	$209,275	$608,110	$257,940	$84,969
Amount Uncompleted	$109,502	$0	$0	$257,940	$21,983
Subcontractor	F E Moran	Abitua	B Bruce	Kapur	Phillips
Type of Work	Fireprotection	Site Utility	Plumbing	Survey	Plaster
Subcontract Price	$121,500	$1,097,954	$348,394	$125,984	$42,322
Amount Uncompleted	$17,100	$0	$14,550	$116,257	$7,447
Subcontractor	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &
Type of work	Uncommitted Subs	Uncommitted Subs	Miscellaneous	Uncommitted Subs	Uncommitted Subs
Subcontract Price	$5,560,000		$27,947,996	$25,905,900	$1,346,863
Amount Uncompleted	$2,036,063		$389,554	$21,586,683	$74,087
Total Uncompleted	$2,285,632	$735,691	$424,813	$23,640,877	$188,987

I, being duly sworn, do hereby declare that this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Affidavit of Availability
For Letting of April 26, 2019

Illinois Department of Transportation

Bureau of Construction
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PART I. WORK UNDER CONTRACT

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	20	21	22	23	24
Contract Number	I-18-4699 I-490@I-	Zapata Academy	Master Developmen	Dearborn Subway	C15FI101649246
Contract With	ISTHA	PBC	WEC PGL	CTA	CTA
Estimated Completion Date	Nov. 19, 2019	Nov. 20, 2018	December 1, 2021	June 2020	December 2018
Total Contract Price	$19,486,606	$15,972,000	$175,000,000	$29,955,000	$188,395,277
Uncompleted Dollar Value if Firm is the Prime Contractor	$19,486,606	$1,748,073	$167,804,183	$29,955,000	$16,759,763
Uncompleted Dollar Value if Firm is the Subcontractor					

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Earthwork	$330,000				
Portland Cement Concrete Paving	$2,414,364				
HMA Plant Mix					
HMA Paving					
Clean & Seal Cracks/Joints					
Aggregate Bases & Surfaces					
Hwy, R.R. & Wtrwy Strctrs	$3,219,053			$5,699,000	$3,970,135
Drainage					
Electrical					
Cover and Seal Coats					
Concrete Construction	$2,136,635				
Landscaping					
Fencing					
Guardrail					
Painting					
Signing					
Cold Milling, Planning & Rotomilling					
Demolition					
Pavement Markings (Paint)					
Other Construction (List)					
Building Construction		$330,953	$34,560,000		
Totals	$8,100,052	$330,953	$34,560,000	$5,699,000	$3,970,135

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BC 57 (Rev. 08/17/10)

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	20	21	22	23	24
Subcontractor		Beverly			Kates
Type of Work		Asphalt			Security
Subcontract Price		$14,045			$1,071,537
Amount Uncompleted		$8,100			$87,144
Subcontractor		Sebert			Traffic Services
Type of Work		Landscape			Traffic Control
Subcontract Price		$110,000			$4,868,132
Amount Uncompleted		$82,500			$465,254
Subcontractor		Homer			Berger
Type of Work		Clearing			Excavating
Subcontract Price		$5,500			$4,370,155
Amount Uncompleted		$1,000			$136,358
Subcontractor		DeGraf			Anderson Elev.
Type of Work		Concrete			Elevators
Subcontract Price		$586,559			$1,158,239
Amount Uncompleted		$0			$30,400
Subcontractor		Araiza			Schindler
Type of Work		Site Concrete			Elevators
Subcontract Price		$377,900			$4,790,000
Amount Uncompleted		$18,000			$898,532
Subcontractor		Jade			K and k
Type of Work		Carpentry			Misc Metal
Subcontract Price		$55,000			$3,080,933
Amount Uncompleted		$5,000			$164,659
Subcontractor		Bofo			Bofo
Type of Work		Sealant			Waterproofing
Subcontract Price		$133,000			$242,876
Amount Uncompleted		$16,125			$93,121
Subcontractor		L B Hall			M Cannon
Type of Work		Spray Fire Protection			Roofing
Subcontract Price		$39,756			$1,122,684
Amount Uncompleted		$398			$109,967
Subcontractor	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &
Type of work	Uncommitted Subs	Uncommitted Subs	Uncommitted Subs	Uncommitted Subs	Uncommitted Subs
Subcontract Price	$11,386,554	$11,006,147	$140,440,000	$24,256,000	$137,304,542
Amount Uncompleted	$11,386,554	$1,285,997	$133,244,183	$24,256,000	$10,804,193
Total Uncompleted	$11,386,554	$1,417,120	$133,244,183	$24,256,000	$12,789,628

I, being duly sworn, do hereby declare that this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

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	25	26	27	28	29
Contract Number	Gem Facility	Escalator Canopy	Various Projects	Midway Ped. Bridge	
Contract With	AA	WMTA	Various Owners	CDOA	
Estimated Completion Date	January 2019	April 2020	Dec 2018	December 2019	
Total Contract Price	$48,095,000	$26,662,910	$236,468,308	$89,410,369	
Uncompleted Dollar Value if Firm is the Prime Contractor	$1,058,345	$9,379,624	$159,008,751	$49,349,154	$0
Uncompleted Dollar Value if Firm is the Subcontractor					

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Earthwork				$905,814	
Portland Cement Concrete Paving					
HMA Plant Mix					
HMA Paving					
Clean & Seal Cracks/Joints					
Aggregate Bases & Surfaces					
Hwy, R.R. & Wtrwy Strctrs				$2,741,193	
Drainage					
Electrical					
Cover and Seal Coats					
Concrete Construction					
Landscaping					
Fencing					
Guardrail					
Painting					
Signing					
Cold Milling, Planning & Rotomilling					
Demolition					
Pavement Markings (Paint)					
Other Construction (List)					
Building Construction	$106,250	$2,381,205	$15,900,875	$7,947,463	
Totals	$106,250	$2,381,205	$15,900,875	$11,594,471	$0

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

BC 57 (Rev. 08/17/10)

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	25	26	27	28	29
Subcontractor	Kapur	Scaffold Resource		Araiza	
Type of Work	Survey	Scaffolding		Concrete Work	
Subcontract Price	$128,356	$441,678		$377,872	
Amount Uncompleted		$0		$148,122	
Subcontractor	Lake Cty Grading	Berkel		Harrington	
Type of Work	Excavation	Foundation		Utilities	
Subcontract Price	$3,738,056	$340,410		$4,142,735	
Amount Uncompleted	$0	$0		$1,869,485	
Subcontractor	Reyes	Lorton Stone		Alpine	
Type of Work	Site Utilities	Stone		Demolition	
Subcontract Price	$2,585,018	$892,114		$2,414,988	
Amount Uncompleted	$0	$331,294		$1,352,026	
Subcontractor	Stalworth	Chattanooga Boiler		Clausen	
Type of Work	Foundation Work	Mechanical		Steel Erection	
Subcontract Price	$1,351,053	$7,780,406		$2,111,879	
Amount Uncompleted	$0	$1,674,265		$480,519	
Subcontractor	DeGraft	United Sky		Anderson & Shaw	
Type of Work	Concrete	Sky Lights		Roofing	
Subcontract Price	$2,961,837	$601,289		$1,362,000	
Amount Uncompleted	$0	$122,250		$1,362,000	
Subcontractor	ALL Masonry	Williams		Kone	
Type of Work	Masonry	Steel Erection		Elevators	
Subcontract Price	$1,425,123	$791,184		$2,162,500	
Amount Uncompleted	$0	$482,885		$1,420,256	
Subcontractor	M Cannon	Baltimore Waterproofin		Metropolition Fire	
Type of Work	Roofing	Waterproofing		Fire Protection	
Subcontract Price	$874,598	$59,639		$679,348	
Amount Uncompleted	$0	$11,360		$482,957	
Subcontractor	Builders Chicago			Automatic Bldg C	
Type of Work	Hanger Doors			Temperature Control	
Subcontract Price	$868,854			$548,000	
Amount Uncompleted	$0			$548,000	
Subcontractor	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &
Type of work	Uncommitted Subs	Uncommitted Subs	Uncommitted Subs	Miscellaneous	Uncommitted Subs
Subcontract Price	$43,845,000	$9,192,219	$61,109,124	$50,194,732	
Amount Uncompleted	$952,095	$4,376,365	$143,107,876	$30,091,318	
Total Uncompleted	$952,095	$6,998,419	$143,107,876	$37,754,683	$0

I, being duly sworn, do hereby declare that this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Illinois Department of Transportation
Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability
For Letting of April 26, 2019

INSTRUCTIONS: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

PART I. WORK UNDER CONTRACT

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate and must include work subcontracted to others. If no work is contracted, show NONE.

	30	31	32	33	34
Contract Number	I-14-4204	I-14-4212	Bridge CD-517.38	Springfield Pp.St	I-13-4629
Contract With	Tollway	Tollway	NS	CDOW	ISHTA
Estimated Completion Date	Dec. 23, 2015	Nov. 23, 2016	July 2017	July 14, 2015	August 17, 2017
Total Contract Price	$30,681,572	$62,445,192	$2,011,500	$66,121,929	$66,142,544
Uncompleted Dollar Value if Firm is the Prime Contractor	$275,261	$0	$137,163	$1,319,356	$261,041
Uncompleted Dollar Value if Firm is the Subcontractor					

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work sub-contracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork					
Portland Cement Concrete Paving			$71,938		
HMA Plant Mix					
HMA Paving					
Clean & Seal Cracks/Joints					
Aggregate Bases & Surfaces					
Hwy, R.R. & Wtrwy Strctrs				$319,019	
Drainage					
Electrical					
Cover and Seal Coats					
Concrete Construction					
Landscaping					
Fencing					
Guardrail					
Painting					
Signing					
Cold Milling, Planning & Rotomilling					
Demolition					
Pavement Markings (Paint)					
Other Construction (List)					
Building Construction					
Totals	$0	$0	$71,938	$319,019	$0

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	30	31	32	33	34
Subcontractor	Kapur	Kapur	Richi Welch	Chidester	Arrow
Type of Work	Survey	Survey	Utilities	Dirt	Asphalt Paving
Subcontract Price	$194,388	$440,000	$715,896	$1,039,283	$4,064,218
Amount Uncompleted	$0	$0	$0		$0
Subcontractor	Arrow	Arrow	Stalworth	Industrail Fence	JG Demo
Type of Work	Asphalt Paving	Asphalt Paving	Foundation	Fence	Demolition
Subcontract Price	$2,354,089	$3,422,179	$355,362	$368,066	$720,751
Amount Uncompleted	$0	$0	$0	$0	$0
Subcontractor	Cabo	Crown	Kapur	M Cannon	Aldridge
Type of Work	Sewer	Painting	Survey	Roof	Electrical
Subcontract Price	$808,756	$523,602	$15,345	$866,701	$5,101,702
Amount Uncompleted	$275,261	$0	$0		$0
Subcontractor	Live Wire	Live Wire	Gallagher	Air Design	Collins & Herman
Type of Work	Electrical	Electrical	Asphalt	HVAC	Fence & Guardrail
Subcontract Price	$131,105	$274,327	$57,151	$2,797,351	$230,799
Amount Uncompleted	$0	$0	$0	$0	$0
Subcontractor	Omega	Alpine	Carrera	IMI	Natural Creations
Type of Work	Demolition	Demolition	Curb and Gutter	Mechanical	Landscape
Subcontract Price	$366,328	$1,300,981	$128,927	$5,412,581	$1,588,635
Amount Uncompleted	$0	$0	$0	$0	$0
Subcontractor	Industrial Fence	Industrial Fence		Autumn	Homer
Type of Work	Fence	Fence		Mechanical	Clearing
Subcontract Price	$496,202	$620,000		$697,280	$53,445
Amount Uncompleted	$0	$0			$0
Subcontractor	Del Toro	Natural Creations		Crane	Maintainance Ctg
Type of Work	Landscape	Landscape		Elevator	Stripping
Subcontract Price	$468,439	$439,560		$505,110	$277,199
Amount Uncompleted	$0	$0			$0
Subcontractor	Homer	Clean Cut		Otis	Cabo
Type of Work	Clearing	Clearing		Elevator	Sewer
Subcontract Price	$18,163	$18,516		$174,642	$5,365,045
Amount Uncompleted	$0	$0		$0	$0
Subcontractor	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &
Type of work	Uncommitted Subs	Miscellaneous	Miscellaneous	Miscellaneous	Miscellaneous
Subcontract Price	$14,235,828	$24,013,311	$1,051,640	$39,723,277	$21,468,951
Amount Uncompleted			$65,225	$1,000,337	$261,041
Total Uncompleted	$275,261	$0	$65,225	$1,000,337	$261,041

I, being duly sworn, do hereby declare that this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Affidavit of Availability

For Letting of April 26, 2019

Illinois Department of Transportation
Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

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PART I. WORK UNDER CONTRACT

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate and must include work subcontracted to others. If no work is contracted, show NONE.

	35	36	37	38	39
Contract Number	Runway 9C-27C-2	RR-17-4314	I-18-4390	So. Lawrence Unde	RR-17-4340
Contract With	CDOA	ISTHA	ISTHA	NS	ISHTA
Estimated Completion Date	Oct. 15, 2020	December 2018	May 2019	Sept. 2018	August 31, 2018
Total Contract Price	$136,849,961	$13,804,364	$4,668,269	$1,897,540	$5,252,453
Uncompleted Dollar Value if Firm is the Prime Contractor	$105,197,123	$8,138,747	$3,371,014	$1,233,388	$1,271,017
Uncompleted Dollar Value if Firm is the Subcontractor					

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work sub-contracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork	$708,750				
Portland Cement Concrete Paving	$17,056,653	$1,385,320			
HMA Plant Mix					
HMA Paving					
Clean & Seal Cracks/Joints					
Aggregate Bases & Surfaces					
Hwy, R.R. & Wtrwy Strctrs		$1,552,534		$254,752	$458,998
Drainage					
Electrical					
Cover and Seal Coats					
Concrete Construction	$16,998,322		$55,622		
Landscaping					
Fencing					
Guardrail					
Painting					
Signing					
Cold Milling, Planning & Rotomilling					
Demolition		$112,344	$1,035,164	$111,216	
Pavement Markings (Paint)					
Other Construction (List)					
Building Construction					
Totals	$34,763,725	$3,050,198	$1,090,786	$365,968	$458,998

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BC 57 (Rev. 08/17/10)

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	35	36	37	38	39
Subcontractor	Kapur	Schroeder	Kapur	Lyone & Pinner	AC Paving
Type of Work	Survey	Asphalt	Survey	Electrical	Striping
Subcontract Price	$770,465	$533,411	$15,527	$51,000	$222,322
Amount Uncompleted	$671,302	$389,226	$15,527	$51,000	$0
Subcontractor	SAM	Microsurfacing Cor	Arrow	Midwest Fence	Tough Cuts
Type of Work	Quality Control	Microsurfacing	Asphalt	Fence	Saw Cutting
Subcontract Price	$2,727,333	$1,038,200	$230,766	$3,800	$243,250
Amount Uncompleted	$2,240,310	$258,312	$230,766	$3,800	$0
Subcontractor	Alpine	EVA	Alpine Demo	Capital	IWS
Type of Work	Demolition	Paint	Demo	Paint	Conc. Repair
Subcontract Price	$3,436,961	$303,509	$1,056,300	$168,879	$41,496
Amount Uncompleted	$2,692,038	$244,276	$1,056,300	$8,444	$0
Subcontractor	NES	Northern	Hecker	Marking Spec.	Industrial Fence
Type of Work	Abatement	Fence	Electrical	Pavement Mkg.	Fence
Subcontract Price	$1,263,000	$91,328	$441,000	$3,997	$61,359
Amount Uncompleted	$720,500	$78,971	$441,000	$3,997	$1,458
Subcontractor	Del Toro	Atlantic	Northern	Highway Safety	McGinty
Type of Work	Landscape	Painting	Fence & Guard	Traffic Control	Landscape
Subcontract Price	$2,201,631	$1,058,753	$35,981	$6,200	$9,573
Amount Uncompleted	$2,095,248	$757,376	$35,981	$3,100	$3,245
Subcontractor	Martinez	Metropolitan	Homer	Clausen	EVC
Type of Work	Utilities	Steel Erection	Clearing	Steel Erection	Restoration
Subcontract Price	$10,670,040	$69,089	$3,875	$797,079	$299,948
Amount Uncompleted	$9,472,430	$69,089	$3,875	$797,079	$98,910
Subcontractor	Quality Saw & Seal	D2K	Archon		Highway Safety
Type of Work	Conc. Cutting	Traffic Control	Utilities		Traffic Control
Subcontract Price	$927,455	$1,640,529	$369,575		$224,120
Amount Uncompleted	$927,455	$1,155,162	$369,575		$34,789
Subcontractor		Marking Spec	Western Remac		
Type of Work		Pavement Mrkg	Signage		
Subcontract Price		$228,890	$36,100		
Amount Uncompleted		$227,421	$36,100		
Subcontractor	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &
Type of work	Uncommitted Subs	Miscellaneous	Uncommitted Subs	Uncommitted Subs	Uncommitted Subs
Subcontract Price	$74,465,506	$4,683,491	$1,378,053	$715,025	$1,315,231
Amount Uncompleted	$51,614,115	$1,908,716	$91,104		$673,617
Total Uncompleted	$70,433,398	$5,088,549	$2,280,228	$867,420	$812,019

I, being duly sworn, do hereby declare that this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Affidavit of Availability

For Letting of April 26, 2019

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PART I. WORK UNDER CONTRACT

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	40	41	42	43	44
Contract Number	University Hall	Structural Repairs	Mt. Greenwood		Esmond
Contract With	U of I C	SSC	PBC		PBC
Estimated Completion Date	Nov 2018	August 30, 2018	Aug. 16, 2019		August 16, 2019
Total Contract Price	$19,887,967	$2,675,606	$9,807,000		$12,265,000
Uncompleted Dollar Value if Firm is the Prime Contractor	$394,088	$3,996	$1,388,986	$0	$5,664,460
Uncompleted Dollar Value if Firm is the Subcontractor					

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

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Earthwork					
Portland Cement Concrete Paving					
HMA Plant Mix					
HMA Paving					
Clean & Seal Cracks/Joints					
Aggregate Bases & Surfaces					
Hwy, R.R. & Wtrwy Strctrs					
Drainage					
Electrical					
Cover and Seal Coats					
Concrete Construction					
Landscaping					
Fencing					
Guardrail					
Painting					
Signing					
Cold Milling, Planning & Rotomilling					
Demolition					
Pavement Markings (Paint)					
Other Construction (List)					
Building Construction			$188,777		$645,766
Totals	$0	$0	$188,777	$0	$645,766

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

BC 57 (Rev. 08/17/10)

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	40	41	42	43	44
Subcontractor	Technica	ACR	Harrington		Fence Masters
Type of Work	Enviromental	Restoration	Utilities		Fence
Subcontract Price	$47,549	$115,943	$351,290		$170,000
Amount Uncompleted	$18,701	$3,216	$33,000		$155,500
Subcontractor	Gilco	Lakes & Rivers	Fence Master		Garth
Type of Work	Scaffolding	Piling	Fence		Masonry
Subcontract Price	$1,334,622	$335,554	$71,000		$565,879
Amount Uncompleted	$84,929	$0	$9,200		$4,932
Subcontractor	Midway	Metropolitan	Clausen		Alumital
Type of Work	Painting	Steel Erection	Steel Erection		Metal Ex.
Subcontract Price	$500,559	$283,005	$71,000		$326,000
Amount Uncompleted	$0	$780	$0		$249,500
Subcontractor	SBK	Highway Safety	Vimak		Smart
Type of Work	Masonry	Traffic Control	Masonry		Elevators
Subcontract Price	$6,127,225	$40,700	$575,000		$162,000
Amount Uncompleted	$40,481	$0	$17,100		$40,500
Subcontractor	Pressure Washing	EVC	M W Powel		Chicago Fire
Type of Work	Pressure Washing	Paint	Roof		Fire Protection
Subcontract Price	$939,358	$298,292	$267,772		$105,000
Amount Uncompleted	$0	$0	$9,100		$18,750
Subcontractor	Knickerbocker		Underland		Blackhawk
Type of Work	Roofing		Curtain Wall		HVAC
Subcontract Price	$2,028,643		$311,500		$870,802
Amount Uncompleted	$27,404		$0		$307,240
Subcontractor	Alumtal Corp		J P Phillips		Nu toys
Type of Work	Aluminum		Plaster		Playground
Subcontract Price	$1,794,894		$30,000		$84,795
Amount Uncompleted	$157,573		$0		$84,975
Subcontractor	Cecchin		Just Rite		Jade
Type of Work	Plumbing		Acc. Ceiling		Carpentry
Subcontract Price	$198,162		$58,500		$142,000
Amount Uncompleted	$0		$0		$92,980
Subcontractor	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &
Type of work	Miscellaneous	Uncommitted Subs	Uncommitted Subs	Miscellaneous	Uncommitted Subs
Subcontract Price	$5,024,766	$557,997	$6,917,242		$8,698,029
Amount Uncompleted	$65,000		$1,131,809		$4,064,317
Total Uncompleted	$394,088	$3,996	$1,200,209	$0	$5,018,694

I, being duly sworn, do hereby declare that this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

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Bureau of Construction
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Affidavit of Availability

For Letting of April 26, 2019

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PART I. WORK UNDER CONTRACT

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	45	46	47	48	49
Contract Number	62B77		So. Keefe Underpa	I-15-4235	I-15-4236
Contract With	IDOT		NS	ISTHA	ISTHA
Estimated Completion Date	Oct. 26, 2018		Sept. 2018	May 27, 2017	May 27, 2017
Total Contract Price	$3,163,544		$1,810,358	$40,289,460	$33,492,986
Uncompleted Dollar Value if Firm is the Prime Contractor	$6,975	$0	$1,485,220	$1,192,801	$551,804
Uncompleted Dollar Value if Firm is the Subcontractor					
			Total Value of All Work		

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

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Earthwork					
Portland Cement Concrete Paving					
HMA Plant Mix					
HMA Paving					
Clean & Seal Cracks/Joints					
Aggregate Bases & Surfaces					
Hwy, R.R. & Wtrwy Strctrs			$445,366		
Drainage					
Electrical					
Cover and Seal Coats					
Concrete Construction				$124,800	
Landscaping					
Fencing					
Guardrail					
Painting					
Signing					
Cold Milling, Planning & Rotomilling					
Demolition			$88,232		
Pavement Markings (Paint)					
Other Construction (List)					
Building Construction					
Totals	$0	$0	$533,598	$124,800	$0

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Part III. Work Subcontracted to Others.

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	45	46	47	48	49
Subcontractor	Kalgen		Lyons Pinner	Arrow	Arrow
Type of Work	Quality Control		Electrical	Asphalt	Asphalt
Subcontract Price	$21,691		$39,995	$2,821,543	$2,122,807
Amount Uncompleted	$0		$39,995	$0	$0
Subcontractor	M A Resteel		Midwest Fence	Carrera	Carrera
Type of Work	Reinforcing Steel		Fence	Curb and Gutter	Curb and Gutter
Subcontract Price	$31,840		$12,000	$329,252	$235,858
Amount Uncompleted	$0		$12,000	$0	$0
Subcontractor	Civil		Capital	Omega	Omega
Type of Work	Sewer		Painting	Demolition	Demolition
Subcontract Price	$21,450		$122,650	$1,010,000	$26,500
Amount Uncompleted	$0		$122,650	$0	$0
Subcontractor	Knickerbocker		Highway Safety	Industrial Fence	Industrial Fence
Type of Work	Roof		Traffic Control	Fence	Fence
Subcontract Price	$24,000		$7,500	$459,793	$381,984
Amount Uncompleted	$0		$7,500	$0	$0
Subcontractor	Up Town		Marking Spec.	John Burns	John Burns
Type of Work	Painting		Pavement Marking	Electrical	Electrical
Subcontract Price	$15,800		$4,149	$1,362,835	$745,869
Amount Uncompleted	$0		$4,149	$0	$0
Subcontractor	Sievert Electrical			TCP Inc	TCP Inc
Type of Work	Elec Hoist			Traffic Control	Traffic Control
Subcontract Price	$33,900			$798,577	$631,722
Amount Uncompleted	$3,289			$0	$0
Subcontractor	Hayes			Gateway	AC Iron
Type of Work	Mechanical			Resteel Install	Resteel
Subcontract Price	$165,807			$626,110	$1,471,719
Amount Uncompleted	$0			$0	$0
Subcontractor	Roberts			Kapur	Kapur
Type of Work	TC			Survey	Survey
Subcontract Price	$40,995			$220,096	$176,550
Amount Uncompleted	$3,686			$0	$0
Subcontractor	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &
Type of work	Miscellaneous	Uncommitted Subs	Uncommitted Subs	Uncommitted Subs	Uncommitted Subs
Subcontract Price	$1,063,086		$957,067	$12,323,684	$9,628,057
Amount Uncompleted			$765,328	$1,068,001	$551,804
Total Uncompleted	$6,975	$0	$951,622	$1,068,001	$551,804

I, being duly sworn, do hereby declare that this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Illinois Department of Transportation

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability
For Letting of April 26, 2019

...plete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

PART I. WORK UNDER CONTRACT

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate and must include work subcontracted to others. If no work is contracted, show NONE.

	50	51	52	53	54
Contract Number	RR-17-4313	Melvina Ditch Res.		SCC 2017-02	Airport Modern Ph5
Contract With	ISTHA	MWRD		SCC	CDOA
Estimated Completion Date	Dec 2018	June 2020		June, 2018	Oct. 19 2019
Total Contract Price	$10,883,439	$14,245,000		$4,050,000	$8,066,000
Uncompleted Dollar Value if Firm is the Prime Contractor	$5,074,596	$5,971,161	$0	$309,896	$8,066,000
Uncompleted Dollar Value if Firm is the Subcontractor					
			Total Value of All Work		

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work sub-contracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork		$1,411,460			
Portland Cement Concrete Paving	$1,397,695				
HMA Plant Mix					
HMA Paving					
Clean & Seal Cracks/Joints					
Aggregate Bases & Surfaces					
Hwy, R.R. & Wtrwy Strctrs	$494,440			$127,968	
Drainage					
Electrical					
Cover and Seal Coats					
Concrete Construction	$937,872				
Landscaping					
Fencing					
Guardrail					
Painting					
Signing					
Cold Milling, Planning & Rotomilling					
Demolition					
Pavement Markings (Paint)					
Other Construction (List)					
Building Construction					$1,472,391
Totals	$2,830,007	$1,411,460	$0	$127,968	$1,472,391

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

BC 57 (Rev. 08/17/10)

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	50	51	52	53	54
Subcontractor	K-5	Beverly		Clausen	
Type of Work	Asphalt	Asphalt		Steel Erection	
Subcontract Price	$651,530	$18,900		$83,368	
Amount Uncompleted	$32,444	$0		$0	
Subcontractor	Microsufacing Cons	Fence Masters		Capital	
Type of Work	Microsurfacing	Fence		Paint	
Subcontract Price	$579,345	$145,000		$158,993	
Amount Uncompleted	$27,967	$109,665		$0	
Subcontractor	Quality	Damhe		Design Group	
Type of Work	Sawing	Mechanical		Signs	
Subcontract Price	$181,099	$110,000		$116,580	
Amount Uncompleted	$8,313	$110,000		$11,578	
Subcontractor	ACR	Live Wire		Garces	
Type of Work	Restoration	Electrical		Plumbing	
Subcontract Price	$369,373	$10,394		$27,000	
Amount Uncompleted	$77,938	$10,394		$0	
Subcontractor	Industrial Fence	Highway Safety		Hecker	
Type of Work	Fence	Traffic Control		Electrical	
Subcontract Price	$666,818	$28,600		$1,703,500	
Amount Uncompleted	$293,072	$14,600		$170,350	
Subcontractor	Arteaga	Marking Sp.			
Type of Work	Landscape	Striping			
Subcontract Price	$77,161	$5,780			
Amount Uncompleted	$76,709	$5,780			
Subcontractor	EVC	Clausen			
Type of Work	Paint	Steel Erection			
Subcontract Price	$299,557	$142,055			
Amount Uncompleted	$119,949	$107,555			
Subcontractor	Western Remac	Harrington			
Type of Work	Signage	Utilities			
Subcontract Price	$17,162	$894,518			
Amount Uncompleted	$17,162	$711,788			
Subcontractor	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &
Type of work	Miscellaneous	Uncommitted Subs	Uncommitted Subs	Uncommitted Subs	Uncommitted Subs
Subcontract Price	$6,457,294	$2,888,093		$964,775	$6,593,609
Amount Uncompleted	$1,591,035	$3,489,919			$6,593,609
Total Uncompleted	$2,244,589	$4,559,701	$0	$181,928	$6,593,609

Illinois Department of Transportation

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PART I. WORK UNDER CONTRACT

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate and must include work subcontracted to others. If no work is contracted, show NONE.

	55	56	57	58	59
Contract Number	Jardine Plant 431938				
Contract With	CDOW				
Estimated Completion Date	December 2020				
Total Contract Price	$17,894,568				
Uncompleted Dollar Value if Firm is the Prime Contractor	$17,894,568	$0	$0	$0	$0
Uncompleted Dollar Value if Firm is the Subcontractor					
			Total Value of All Work		

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

good

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work sub-contracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork					
Portland Cement Concrete Paving					
HMA Plant Mix					
HMA Paving					
Clean & Seal Cracks/Joints					
Aggregate Bases & Surfaces					
Hwy, R.R. & Wtrwy Strctrs					
Drainage					
Electrical					
Cover and Seal Coats					
Concrete Construction					
Landscaping					
Fencing					
Guardrail					
Painting					
Signing					
Cold Milling, Planning & Rotomilling					
Demolition					
Pavement Markings (Paint)					
Other Construction (List)					
Building Construction	$2,994,463				
Totals	$2,994,463	$0	$0	$0	$0

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

BC 57 (Rev. 08/17/10)

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	55	56	57	58	59
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
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Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &	Miscellaneous &
Type of work	Uncommitted Subs	Uncommitted Subs	Uncommitted Subs	Uncommitted Subs	Uncommitted Subs
Subcontract Price	$14,900,105				
Amount Uncompleted	$14,900,105				
Total Uncompleted	$14,900,105	$0	$0	$0	$0

I, being duly sworn, do hereby declare that this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Subscribed and sworn to before me
this 18th day of March 2019

[redacted]

Notary Public

My commission expires: 8-24-22

(Notary Seal)

KATHLEEN PATTISON
OFFICIAL SEAL
Notary Public, State of Illinois
My Commission Expires
August 24, 2022

Type or Print Name: Roland Schneider, Authorized Agent
Officer or Director

Signed: [redacted]

Company: F.H. Paschen/S N Nielsen & Associates, LLC

Address: 5515 N. East River Road
Chicago, IL. 60656

BC 57 (Rev. 08/17/10)

F.H. PASCHEN COMBINED COMPANIES
CONSTRUCTION EQUIPMENT
DECEMBER 31, 2018
ILLINOIS DEPARTMENT OF TRANSPORTATION

DESCRIPTION		PURCHASE DATE
HVD Hammer		07/18/95
20ft Jobsite Wagon/Form Rawler		11/16/95
Auger Drive Bit		11/16/95
71 Trailer units 8803/8802		06/23/97
2yd Concrete Bucket		12/04/97
DH180 Equipment #204		01/15/98
Office Trailer		01/26/98
Used EX400 Bucket		01/28/98
Vibrator		04/28/98
Generator & Vibrator		04/30/98
Transit		09/03/98
3000 gallon water tank		07/19/99
20 foot container		02/17/00
Allied Hydraulic Ram Hammer		04/27/00
Caterpillar Model #963	(3.0 CY)	11/16/00
Howell Tractor		12/31/00
Hitachi UH181 - major repairs		01/11/01
Daewoo Excavator - major repairs		03/22/01
Volvo Wheel Loader	(3.5 CY)	06/30/01
Semi-Flatbed		08/10/01
UAL-Bobcat S/N 0249909MJ Skidsteer Loader	(0.5 CY)	09/20/01
Skidsteer Loader S/N JAF2074903	(0.5 CY)	09/27/01
Atlas Copco Air Comp XAS 96 AC804		11/08/01
Bobcat Trailer - United Rentals		01/10/02
2 Kawasaki Pumps for Hitachi		04/11/02
National Trailer Sales		04/18/02
Volvo L90D Wheel Loader 2001	(3.5 CY)	07/02/02
Chicago Dept of Revenue		09/26/02
McCann-SkidSteer Loader	(0.5 CY)	09/26/02
Grove RT530E Crane; S/N 221088-#100	30 Ton Crane	02/20/03
F&R Trailer Sales-flatbed trailer		02/20/03
McAllister - Volvo attachments		03/05/03
National Trailer Storage-2 steel contain		03/13/03
O'Leary's SkidSteer Loader	(0.5 CY)	12/18/03
Trimble S6 3" Robot & Ranger 3, SP Max		10/27/11
F & R Trailer Unit 539		03/04/04
F & R Trailer Unit 540		03/04/04
F & R Trailer Unit 541		03/04/04
Mobile Space Office Trailer		04/14/04
Bridge Overhang Buggy		04/29/04
Friskney Equipment Forklift		06/15/04
Reed Rockmaster concrete pump		09/20/04
Volvo L90E Wheel Loader	(3.5 CY)	09/21/04

Illinois State Toll Highway Authority

SPECIAL PROVISION

FOR

DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION

1. POLICY STATEMENT

It is the policy of the Illinois State Toll Highway Authority ("ISTHA" or "Tollway") that qualified and *bona fide* Disadvantaged Business Enterprises (DBEs), as that term is defined herein, have maximum feasible opportunities to participate fully in the performance of all contracts funded and administered by the Tollway. The Tollway seeks to ensure non-discrimination in the award and administration of its contracts and associated subcontracts and that it is not a passive participant in a discriminatory marketplace; to create a level playing field on which DBEs can compete fairly for its contracts; to ensure that its Special Provision is narrowly tailored in accordance with applicable law; to ensure that only firms that meet the eligibility standards are permitted to participate as DBEs; and to help to remove barriers to participation of DBEs in Tollway contracts and associated subcontracts.

Consistent with this policy, it is the responsibility of all Contractors for general contracting work and a specific condition of all Tollway contracts to which they are parties to ensure full and fair opportunities for DBEs to compete in contracts funded and administered by the Tollway and to fully comply with this Special Provision.

2. DEFINITIONS

For the purposes of this Special Provision, the following terms shall have the following meanings:

Affiliate of a person or entity means a person or entity that directly or indirectly through one or more intermediaries, controls or is controlled by, or is under common control with, the person or entity. In determining Affiliation, the Tollway shall consider all appropriate factors, including common ownership, common management, and contractual relationships.

Broker means a person or entity that fills orders by purchasing or receiving supplies from a third party supplier rather than out of its own existing inventory and provides no substantial service other than acting as a conduit between his or her supplier and his or her customer.

Commercially Useful Function means responsibility for the execution of a distinct element of the work of the contract, which is carried out by actually performing, managing, and supervising the work involved, or fulfilling responsibilities as a Joint Venture partner.

Contingency Work is the anticipated work within the scope of the project which is included in the project to cover the work of such an uncertain nature that the location or quantity could not be identified prior to awarding the contract.

Core Work is the anticipated work within the scope of the project which is included in the project to cover the work of such a nature that the location and estimated quantity could be identified prior to awarding the contract.

Disadvantaged Business Enterprise ("DBE") means a business currently certified by the Illinois Unified Certification Program ("ILUCP") pursuant to 49 C.F.R. Part 26, or a business currently certified by the City of Chicago, Illinois or the County of Cook, Illinois, as a Minority or Women-Owned Business ("M/WBE") pursuant to its M/WBE program for construction contracts, Art. IV, § 2-92-650, *et seq*, as amended, or a business currently certified by the U.S. Small Business Administration (SBA) pursuant to the Small Business Act as an SBA 8(a) business, owned and operated by a socially and economically disadvantaged person. A DBE is considered to have current certification if the firm is listed in the directory database of the pertinent certifying agency.

DBE Joint Venture means an association of two or more persons, or any combination of types of business enterprises and persons numbering two or more, proposing to perform as a single for profit business enterprise, in which each Joint Venture partner contributes property, capital, efforts, skill and knowledge, and in which the DBE is responsible for a distinct, clearly defined portion of the work of the project and whose share in the capital contribution, control, management, risks, and profits of the Joint Venture are equal to its ownership interest. Joint Ventures must have an agreement in writing specifying the terms and conditions of the relationships between the partners and their relationship, risks and responsibility under the contract.

DBE Utilization Plan means the list of currently certified DBEs that the Bidder commits will be utilized, including its own participation as a DBE, if applicable, in the scopes of the work and the dollar values or the percentages of the work to be performed pursuant to this solicitation and in conformance with this Special Provision.

Good Faith Efforts means actions undertaken by a Contractor to achieve a DBE contract goal, which, by their scope, intensity, and appropriateness to the objective, can reasonably be expected to fulfill the contract goal.

Mobilization means preparatory work and operations necessary for the movement of personnel, equipment and incidentals to the project site for the establishment of offices, buildings and other facilities necessary for work on the project and for all other work operations which must be performed or costs incurred when beginning work on the project.

Regular Dealer means a firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials, supplies, articles or equipment of the general character described by the specifications and required under the contract are bought, kept in stock, and regularly sold or leased to the public in the usual course of business. To be a Regular Dealer, the firm must be an established, regular business that engages, as its principal business and under its own name, in the purchase and sale or lease of the products in question. A firm may be a Regular Dealer in such bulk items as petroleum products, steel, cement, gravel, stone, or asphalt without owning, operating, or maintaining a place of business if the firm both owns and operates distribution equipment for the products. Any supplementing of a Regular Dealer's distribution equipment shall be by a long-term lease agreement and not on an *ad hoc* or contract-by-contract basis. Packagers, manufacturer representatives, or other persons who arrange or expedite transactions are not Regular Dealers.

3. CONTRACTOR ASSURANCE

The Contractor will assure that each of its employees and its subcontractors' employees associated with the contract shall not discriminate on the basis of any protected category identified by law in the performance of this contract. Failure by the Contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy, as the Tollway deems appropriate.

4. DBE CONTRACT GOAL TO BE ACHIEVED BY THE CONTRACTOR

This contract includes a specific DBE utilization goal of 18% of the Core Work of the contract. The goal reflects the estimated availability of DBEs to perform the scopes of work of this contract, including as a prime Contractor. Consequently, in addition to the other award criteria established for this contract, ISTHA will award this contract to a Bidder who either meets this goal or who demonstrates its good faith efforts to do so. The participation of DBEs will be calculated on the amount of the Core Work, not Contingency Work identified in the bid documents. **The Contractor's DBE commitment will be assessed for any and all Extra Work Orders (EWO) and Change Orders (CO) at the time such orders are issued.**

5. DBE, M/WBE and SBA 8(a) LOCATOR REFERENCES

Bidders should consult the Illinois Unified Certification Program ("ILUCP")DBE Directory as a reference source for DBEs and the City of Chicago, the County of Cook M/WBE directories as reference sources for M/WBEs in construction certified by the City of Chicago or the County of Cook, or the Small Business Administration SBA 8(a) directory for SBA

8(a)s certified by the Small Business Administration. Only firms certified by the IL-UCP, the City of Chicago, the County of Cook, or the Small Business Administration **at the time of bid opening** are eligible to be considered for contract award to either meet the contract goal or establish the Bidder's good faith efforts to do so.

These directories are to be used as an informational source only. Certification does not mean that a firm is in any way prequalified to provide the products and/or services in its certification specialty. "Certification" means that the ILUCP, the City of Chicago, the County of Cook, or the Small Business Administration has determined, on the basis of information provided and the representations therein, that a business is a *bona fide* DBE. The ILUCP, the City of Chicago, the County of Cook or the Small Business Administration does not, as a result of listing, make any representation concerning the ability of any listed firm to perform work in the specialty listed. The Tollway does not, through its use of and referral to ILUCP DBE, the City of Chicago, the County of Cook MBE/WBE, and the Small Business Administration SBA 8(a) lists, make any representation concerning the ability of any listed firm to perform work in its certification specialty. The Bidder must conduct its own due diligence regarding the capabilities of certified firms to perform the work of the contract.

6. BIDDING PROCEDURES

Compliance with the bidding procedures of this Special Provision is required as provided in this Special Provision prior to the award of the contract. The failure of the as-read low Bidder to comply will render the bid non-responsive.

6.1 Submission of the Disadvantaged Business DBE Utilization Plan, DBE Form 2026

A Bidder must submit a Disadvantaged Business DBE Utilization Plan on ISTHA DBE Form 2026 **with the bid submission.**

The only exception to this requirement is the case where a prime Bidder is also a DBE, is certified to perform a portion of the contract work as indicated on the DBE's Certification submitted at time of bid, and will meet the DBE goal via a self-performance requirement on the contract greater than or equal to the DBE goal for the contract. If the Bidder is a DBE Joint Venture, each Joint Venture partner must provide the attestation to the DBE Utilization Plan, Form 2026.

Otherwise, if the DBE Utilization Plan is not submitted at time of bid, then the bid will be deemed non-responsive. If the bid is deemed non-responsive due to a failure to submit a DBE Utilization Plan or failure to comply with the bidding procedures set forth herein, ISTHA may elect to cause the forfeiture of the penal sum of the Bidder's bid guaranty, and may deny authorization to bid the project if re-advertised for bids.

The DBE Utilization Plan shall indicate that the Bidder either has obtained sufficient DBE participation commitments to meet the contract goal or demonstrate and document its good faith efforts to meet the goal. The DBE Utilization Plan will also require the name of each DBE firm proposed for use on the contract along with a brief scope of work and dollar amount to be assigned to the DBE. The DBE Utilization Plan shall further provide the name, telephone number, and email address of a responsible official of the Bidder designated for purposes of notification of DBE Utilization Plan approval or disapproval under the procedures of this Special Provision.

Any agreement between a Contractor and a DBE or other subcontractor in which the Contractor requires that the DBE not provide subcontracting quotations to other Contractors is prohibited.

6.2 Submission of the DBE Participation Commitment Statement, DBE Form 2025

The Utilization Plan must be supported by the submission of a detailed DBE Participation Commitment Statement, Form 2025, for each DBE proposed for the performance of work to achieve the contract goal by 5:00 p.m. of the fifth calendar day after email notification to the prime from the Tollway of low apparent Bidder status.

The submission of DBE Form 2025 should be via email to constructionbid@getipass.com.

In no case should a Contractor remove, replace, or reduce the commitment to a DBE listed in the initial Utilization Plan Form 2026 without prior written consent of ISTHA. Under no circumstances is the Bidder allowed to change the amount of the core bid submitted or any other documentation unrelated to this special provision.

The signatures on these forms must be original signatures. All elements of information indicated on Form 2025 must be provided, including but not limited to:

6.2.1 The name and address of each DBE to be used;

6.2.2 A full description, including pay item numbers for DBEs or associated pay items for trucking services, of the commercially useful function to be performed by each DBE. Descriptions such as "miscellaneous" and prices such as "lump sum" are not acceptable. Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time that those pay items have been confirmed as required work of the contract.

6.2.3 Direct Allowance items will not be approved toward DBE participation in the DBE Utilization Plan.

6.2.4 Mobilization costs should be included in the cost of the pay item for which it is associated rather than as a separate pay item on the DBE Utilization Plan, DBE Form 2025 for DBE subcontractors.

6.2.5 If the DBE is the Prime Contractor, the Mobilization pay item may be approved toward DBE participation in the DBE Utilization Plan.

6.2.6 The price to be paid to each DBE for the identified work, specifically stating the quantity, unit price and total subcontract price for the work to be completed by the DBE. If partial pay items are to be performed by the DBE, the Form must indicate the portion of each item, a unit price where appropriate and the subcontract price amount;

6.2.7 A commitment statement signed by the Bidder and each DBE evidencing availability and intent to perform a commercially useful function on the project; and

6.2.8 If the Bidder is a joint venture comprised of DBEs and non-DBEs, the Plan must also include a clear identification of the portion of the work to be performed by the DBE joint venture partner(s).

6.2.9 If the Bidder is unable to meet the goal, it must demonstrate it made good faith efforts to do so, as described in this Special Provision and detailed in section 6.6 below.

6.2.10 The contract will not be awarded until the DBE Utilization Plan, including if applicable, the Bidder's good faith efforts to meet the goal, is approved by ISTHA. The DBE Utilization Plan will be approved if it demonstrates that DBEs will be used to perform a commercially useful function sufficient to meet the contract goal, or that the Bidder made sufficient good faith efforts, as defined in this Special Provision, to meet the goal.

6.3 Counting DBE Participation

The DBE Utilization Plan's DBE commitments represent work expected to be performed and paid for upon satisfactory completion. ISTHA is only able to count toward the achievement of the contract goal the value of payments made for the work actually performed by DBEs. The Tollway will count DBE participation, and the Contractor will receive credit towards meeting the DBE contract goal, as follows:

6.3.1 The entire amount of that portion of work that the DBE is certified to perform, as indicated on the DBEs Letter of Certification, and that is performed by the DBE's own forces either as the Contractor or a subcontractor shall be counted, including the cost of supplies and materials obtained by the DBE for the work of the contract, and supplies purchased or equipment leased by the DBE (except supplies and

equipment the DBE purchases or leases from the prime Contractor or the prime Contractor's Affiliate). **Work that the DBE subcontracts to a non-DBE does not count toward the DBE goal.**

6.3.2 The entire amount of fees or commissions charged by a DBE for providing a *bona fide* service, such as professional, technical, consultant or managerial services, or for providing bonds or insurance specifically required for the performance of a contract, shall be counted, provided the fee is reasonable and not excessive as compared with fees customarily charged for similar services.

6.3.3 One hundred percent of the cost of trucking services utilized on the contract shall be counted, provided the DBE is responsible for the management and supervision of the entire trucking operation for which it is responsible. At least one truck owned, operated, licensed and insured by the DBE must be used on the contract. Credit will only be applied for trucking activity to and from the ISTHA job site. Credit will be given for the following: (1) the DBE may lease trucks from another DBE, including an owner-operator who is certified as a DBE. The DBE who leases trucks from another DBE receives credit for the total value of the transportation services the lessee DBE provides on the contract. (2) The DBE may also lease trucks from a non-DBE, including from an owner-operator. Goal credit will be limited to the value of the reasonable fee or commission received by the DBE for trucks that are leased from a non-DBE.

6.3.4 When a DBE performs as a participant in a Joint Venture, only the portion of the total dollar value of the contract equal to the distinct, clearly defined portion of the work of the Joint Venture's contract that is performed by the DBE with its own forces and for which it is separately at risk, shall be counted. A Joint Venture may also count the dollar value of work subcontracted to DBEs other than the DBE Joint Venture partner(s). Work performed by the forces of the non-DBE joint venture partner shall not be counted toward the DBE goal. The Tollway will evaluate the Joint Venture agreement, which must be submitted with the DBE Utilization Plan, for conformance with this Special Provision and eligibility for credit towards meeting the goal. The agreement must describe in detail the financial contribution of each partner; the list of personnel and equipment contributed and used by each partner; the responsibilities of each partner for each aspect of the joint venture; if applicable, the bonding capacity of each partner; if applicable, the prequalification status of each partner; the basis and distribution of all profits and losses; and any other elements deemed relevant by the Tollway.

6.3.5 One hundred percent of the cost of the materials obtained from a DBE Manufacturer, as that term is defined in 49 C.F.R. § 26.55(e) shall be counted towards the DBE contract goal. Sixty-percent of the cost of the materials or supplies obtained from a DBE Regular Dealer or Supplier, as those terms are defined in 49 C.F.R. § 26.55(e), shall be counted towards the DBE contract goal. One hundred percent of the fees or transportation charges for the delivery of materials or supplies required on a job site shall be counted towards the DBE contract goal only if the payment of such fees is a customary industry practice and are commensurate with fees customarily charged for similar services.

6.3.6 One hundred percent credit will be counted towards the DBE contract goal for the value of fees and commissions for the procurement of materials and supplies if the DBE is not a regular dealer or manufacturer, provided such fees or commissions are determined by the Tollway in its sole discretion to be reasonable and not excessive as compared with fees customarily allowed for similar services. No portion of the cost of the materials or supplies themselves shall be counted towards the contract goals.

6.3.7 If a firm's certification is revoked by its certifying agency during its performance on a contract, the dollar value of work performed under this contract with that firm after it has ceased to be certified shall not be counted.

If a DBE graduates from its respective certification program, based upon exceeding the firm size or personal net worth limitations after this contract is awarded, the firm's participation will be counted towards meeting the goal on this contract.

In determining achievement of the contract goal, the participation of a DBE shall not be counted until that amount has been paid to the DBE.

6.4 Demonstrating Commercially Useful Function

Only expenditures to a DBE that is performing a Commercially Useful Function shall be counted. To determine whether a DBE is performing a Commercially Useful Function, the Tollway will evaluate the amount of work subcontracted, industry practices, whether the amount the DBE is to be paid under the contract is commensurate with the work it is actually performing and other relevant factors. A DBE performs a commercially useful function when it is responsible for the execution of the work and is carrying out its responsibilities by actually performing, managing, and supervising the work involved.

6.4.1 To perform a commercially useful function, the DBE must be responsible, with respect to materials and supplies used on the contract, for negotiating price, determining quality and quantity, ordering the material, and installing (where applicable) and paying for the material itself.

6.4.2 A DBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of DBE participation. In determining whether a DBE is such an extra participant, ISTHA will examine similar transactions, particularly those in which DBEs do not participate.

6.4.3 If a DBE does not perform or exercise responsibility for at least 30 percent of the total cost of its contract with its own work force, or the DBE subcontracts a greater portion of the work of a contract than would be expected on the basis of normal industry practice for the type of work involved, ISTHA will presume that the DBE is not performing a commercially useful function. When a DBE is presumed not to be performing a commercially useful function as provided in this section, the DBE and the Contractor may present evidence to rebut this presumption.

6.5 Extended Documentation Period for Low Apparent Bidders with a DBE Commitment Below the Advertised DBE Goal

Each Contractor identified as the low Bidder who has a DBE commitment less than the advertised DBE goal shall be allowed, upon email notification from the Tollway, an extended documentation period which will extend until 5:00 pm CT on the second business day after the day the notification is sent (e.g. if a Bidder is notified on Monday, extended documentation period concludes on Wednesday at 5pm). The extended documentation period allows Contractors solely to supplement their initial Utilization Plan to add DBE participation to meet the stated DBE participation goal or to demonstrate additional good faith efforts in obtaining DBE participation. The Contractor may take other action beyond any stated additional efforts in order to obtain additional DBE commitments. The Contractor shall submit an amended DBE Utilization Plan if additional DBE commitments to meet the contract goal are secured by the end of the extended documentation period. If additional DBE commitments sufficient to meet the advertised contract goal are not secured, the Contractor shall report the final good faith efforts made during the extended documentation period along with a request for a waiver pursuant to section 6.6 of this section. All additional efforts taken by the Bidder before and during the extended documentation period will be considered as part of the Contractor's good faith efforts.

The extended documentation period is intended to allow Contractors that have made a good faith effort to secure DBE participation an opportunity to meet the stated contract goal. Contractors are expected to have utilized good faith efforts in compiling their initial DBE Utilization Plan, and the DBE participation indicated in the initial DBE Utilization Plan should reflect the participation the Contractor could achieve through good faith efforts. The extended documentation period should not be used to secure significantly higher DBE participation only after being identified as the low Bidder. In no case should a Contractor remove, replace or reduce the commitment to a DBE listed in the initial Utilization Plan without prior written consent of ISTHA. Under no circumstances is the Bidder allowed to change the amount of the core bid submitted or any other documentation unrelated to this special

provision. When ISTHA determines that a Contractor, either through a pattern of conduct or with respect to a single bid, has failed to discharge its good faith efforts obligations in this intended fashion, ISTHA, in its discretion, may reject the bid outright without allowing the Bidder to take advantage of the extended documentation period.

6.6 Good Faith Efforts Procedures

If the Bidder cannot obtain sufficient DBE commitments to meet the contract goal, the Bidder must document in the DBE Utilization Plan its good faith efforts to meet the goal, including any DBE participation secured as detailed in Form(s) 2025, using the Good Faith Efforts Contact Log and Checklist, DBE Form 2023. If the DBE contract goal was not achieved by a Bidder, the Bidder must submit its good faith efforts documentation, including the DBE Form 2023. Documentation submitted after bid opening, except as provided for in Section 6.5 above, will not be accepted or reviewed.

Demonstrating good faith efforts means that the Bidder must show that all necessary and reasonable steps were taken to achieve the contract goal. Necessary and reasonable steps are those that could reasonably be expected to obtain sufficient DBE participation. ISTHA will consider the quality, quantity and intensity of the kinds of efforts that the Bidder has made. Mere *pro forma* efforts are not good faith efforts; rather, the Bidder is expected to have taken those efforts that would be reasonably expected of a Bidder actively and aggressively trying to obtain DBE participation sufficient to meet the contract goal.

If ISTHA determines that the Contractor has made a good faith effort to secure the work commitment of DBEs to meet the contract goal, ISTHA will award the contract provided that the Bidder is otherwise eligible for award and award is in the Tollway's best interest.

The following is a list of types of action that ISTHA will consider as part of the evaluation of the Bidder's good faith efforts to obtain DBE participation. These listed factors are not intended to be a mandatory checklist and are not intended to be exhaustive. Other factors or efforts brought to the attention of ISTHA may be relevant in appropriate cases, and will be considered by ISTHA.

6.6.1 Soliciting through all reasonable and available means (*e.g.*, attendance at DBE Networking Sessions sponsored by ISTHA, pre-bid meetings, advertising and/or written notices) the interest of all DBEs that have the capability to perform the work of the contract. A list of certified DBEs in the trades considered to determine the contract goal may be provided by the Tollway, but should not be considered exhaustive, and other firms may be available for solicitation by the Bidder. The Bidder must solicit this interest within sufficient time to allow the DBEs to respond to the solicitation, but in any event, no later than 5 calendar days prior to the bid submission date. At least two methods of solicitation of DBEs must be used (*e.g.*, email and fax). The Bidder must determine with certainty if the DBEs are interested by taking appropriate steps to follow- up initial solicitations.

6.6.2 Selecting portions of the work to be performed by DBEs in order to increase the likelihood that the DBE goal will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the prime Contractor might otherwise prefer to perform these work items with its own forces.

6.6.3 Providing interested DBEs with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation.

6.6.4 Negotiating in good faith with interested DBEs.

6.6.4.1 Making a portion of the work available to DBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, e mail address and telephone numbers of DBEs that were considered; a description of the information

provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for DBEs to perform the work.

6.6.4.2 A Bidder using good business judgment would consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and would take a firm's price and capabilities as well as contract goals into consideration. However, the fact that there may be some additional costs involved in finding and using DBEs is not in itself sufficient reason for a Bidder's failure to meet the contract DBE goal, as long as such costs are reasonable. Also, the ability or desire of a prime Contractor to perform the work of a contract with its own organization does not relieve the Bidder of the responsibility to make good faith efforts. Prime Contractors are not, however, required to accept higher quotes from DBEs if the price difference is excessive or unreasonable.

6.6.5 Not rejecting DBEs as being unqualified without sound reasons based on a thorough investigation of their capabilities. The Contractor's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations are not legitimate causes for the rejection or non-solicitation of bids in the Contractor's efforts to meet the contract goal.

6.6.6 Making efforts to assist interested DBEs in obtaining bonding, lines of credit, or insurance as required by the Tollway or the Contractor.

6.6.7 Making efforts to assist interested DBEs in obtaining necessary equipment, supplies, materials, or related assistance or services.

6.6.8 Effectively using the services of available minority/women community organizations; minority/women contractors' groups; local, state, and Federal minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBEs.

In determining whether a Bidder made good faith efforts, ISTHA may take into account the performance of other Bidders in meeting the contract goal or of Bidders in meeting the goal on contracts of a similar nature. For example, when the apparent successful Bidder fails to meet the contract goal, but others meet it, ISTHA will review whether, with additional reasonable efforts, the apparent successful Bidder could have met the goal. If the apparent successful Bidder fails to meet the goal, but meets or exceeds the average DBE participation obtained by other Bidders, ISTHA may view this, in conjunction with other factors, as evidence of the apparent successful Bidder having made good faith efforts.

A Bidder that rejected a DBE based on price must provide to ISTHA all quotes received for the scope of work proposed by the DBE from all firms, including non-DBEs.

The Bidder may request administrative reconsideration of a pre-final determination on its DBE Utilization Plan adverse to the Bidder by filing a request within five working days after the notification date of the determination, by delivering the request to the Illinois State Toll Highway Authority, Diversity and Strategic Development Department, 2700 Ogden Avenue, Downers Grove, Illinois 60515-1703, DBE@getipass.com, (630) 241-6800 ext. 3204. Submission via e-mail is acceptable. Deposit of the request in the United States mail on or before the fifth business day shall not be deemed delivery. The pre-final determination shall become final if a request is not received within the five-day period.

A request may provide additional written documentation and/or argument concerning the issue of whether an adequate good faith effort was made to meet the contract goal. In addition, the request shall be considered consent by the Bidder to extend the time for award. The request will be forwarded to ISTHA's Chief of Diversity and Strategic Development. The Chief of Diversity and Strategic Development may extend an opportunity to the Bidder to meet in person in order to consider all issues of whether the Bidder made a good faith effort to meet the goal. Such meeting shall extend the time for a decision. After the review by the Chief of Diversity and Strategic Development, the Bidder will be sent a written decision within 10 working days after receipt of the request for

reconsideration or the date of the meeting, explaining the basis for finding that the Bidder did or did not meet the goal or make adequate good faith efforts to do so. A final decision by the Chief of Diversity and Strategic Development that a good faith effort was made shall approve the DBE Utilization Plan submitted by the Bidder and shall clear the contract for award. A final decision that a good faith effort was not made shall render the bid non-responsive. The administrative reconsideration procedures described in this section are not intended to allow a Bidder to have an additional opportunity to submit a new DBE Utilization Plan or evidence of additional good faith efforts performed after bid submission.

7. CONTRACT COMPLIANCE

7.1 Forms to be Submitted

All work indicated for performance by an approved DBE shall be performed, managed and supervised by the DBE executing the DBE Form 2025 - Participation Statement.

To receive a notice to proceed, the Contractor must submit for the Tollway's review signed subcontracts with all DBEs proposed to meet the goal within 20 calendar days of award.

A Contractor that seeks credit for the use of DBE trucking services must submit an affidavit attesting to compliance with this Special Provision for counting trucking costs on Form 2024. Form 2024 must be submitted when the contract is 25 percent, 50 percent, 75 percent and 100 percent completed. The Contractor must issue separate checks to trucking firms for each Tollway project by job number and associated pay item, not include multiple contracts on one payment.

7.2 Changes to the DBE Utilization Plan

The Contractor may not make changes to its contractual DBE commitments, substitute a DBE subcontractor or make any other changes to the DBE Utilization Plan without the prior written approval of the Tollway's Diversity and Strategic Development Department. Unauthorized changes or substitutions, including performing the work designated for a subcontractor with the Contractor's own forces, shall be a violation of this Special Provision and a breach of the contract.

If a Change Order or Extra Work order is issued by the Tollway or Contingency Work is authorized, the Contractor, in ISTHA's discretion, may be required to amend its DBE Utilization Plan to reflect the recalculated DBE dollars and any percentage change in the goal. The DBE contract goal may change in the Tollway's discretion to reflect a Change Order or Extra Work Order or the authorization of Contingency Work.

The facts supporting the request for changes to the DBE Utilization Plan must not have been known or reasonably could not have been known by the parties prior to entering into the subcontract. The Contractor must negotiate in good faith with the subcontractor to resolve the problem. If requested by either party, the Tollway shall facilitate such a meeting. Where there has been a mistake or disagreement about the scope of work, the DBE can be substituted only where agreement cannot be reached for a reasonable price or reasonable schedule for the correct scope of work.

Substitutions of a DBE subcontractor shall be permitted only under the following circumstances:

7.2.1 Unavailability after receipt of reasonable notice to proceed;

7.2.2 Failure of performance;

7.2.3 Financial incapacity;

7.2.4 Refusal by the subcontractor to honor the bid or bid price or scope or schedule;

7.2.5 Material mistake of fact or law about the elements of the scope of work of a solicitation where a reasonable price cannot be agreed;

7.2.6 Failure of the subcontractor to meet insurance, licensing or bonding requirements;

7.2.7 The subcontractor's withdrawal of its bid or bid; or

7.2.8 Decertification of the subcontractor as a DBE, other than on the basis of its exceeding firm size or personal net worth limits.

If it becomes necessary to substitute a DBE or otherwise change the DBE Utilization Plan, the Contractor must notify the Diversity and Strategic Development Department in writing of the request to substitute a DBE or otherwise change the DBE Utilization Plan. The request must state specific reasons for the substitution or change. A letter from the DBE to be substituted or affected by the change stating that it cannot perform on the contract or that it agrees with the change in its scope of work must be submitted with the request. Any refusal by the DBE to provide such a letter must be documented by the Contractor. The Diversity and Strategic Development Department will approve or deny a request for substitution or other change in the DBE Utilization Plan in writing within 5 working days of receipt of the request.

Where the Contractor has established the basis for the substitution to the Tollway's satisfaction, it must make good faith efforts to meet the contract goal by substituting a DBE subcontractor. Documentation of a replacement DBE, or of good faith efforts, must meet the requirements in Section 6.6 If the contract goal cannot be reached and good faith efforts have been made, the Contractor may substitute with a non-DBE.

If the Contractor plans to hire a subcontractor for any scope of work that was not previously disclosed in the DBE Utilization Plan, the Contractor must obtain the approval of the Diversity and Strategic Development Department to modify the DBE Utilization Plan and must make good faith efforts to ensure that DBEs have a fair opportunity to bid on the new scope of work.

A new subcontract, a new Form 2025 for the substituted DBE (if applicable) and an amended DBE Utilization Plan must be executed and submitted to the Diversity and Strategic Development Department within 5 working days of the Contractor's receipt of the Tollway's approval for the substitution or other change.

7.3 The submission of the DBE Payment Report

Form 2114, the DBE Payment Report, or such other form or format as specified by the Tollway, must be submitted as specified in the DBE Form 2114 instructions. Payment will not be accepted nor processed without a completed DBE Form 2114 as part of its submission as required.

The Contractor shall maintain a record of payments to DBEs and all other subcontractors and suppliers for work performed. The records shall be made available to ISTHA for inspection and copying upon request. After the performance of the final item of work or delivery of material by a DBE and final payment to the DBE by the Contractor, but not later than thirty (30) calendar days after payment has been made by ISTHA to the Contractor for such work or material, the Contractor shall submit a DBE Final Payment Report on ISTHA DBE Form 2115, or such other form or format as specified by the Tollway, to the Construction Manager. If full and final payment has not been made to the DBE, the Report shall indicate whether a disagreement concerning the final payment exists between the Contractor and the DBE or if the Contractor believes that the DBE's work has not been satisfactorily completed.

ISTHA reserves the right to withhold payment to the Contractor to enforce the provisions of this Special Provision. Final payment, including retention, shall not be made on the contract until such time as the Contractor submits DBE Form 2115, or such other form or format as specified by the Tollway, in accordance with this Special Provision or as otherwise directed by the Tollway.

8. SANCTIONS

The Tollway will periodically review the Contractor's compliance with this Special Provision and the terms of its contract with the Contractor, including the DBE Utilization Plan. Without limitation, the Contractor's failure to comply with this Special Provision or its DBE Utilization Plan, failure to cooperate in providing information regarding its compliance with this Special Provision or its DBE Utilization Plan, or provision of false or misleading information or statements concerning compliance, certification status of DBEs, good faith efforts or any other material fact or representation shall constitute a material breach of this contract and may result in damages to the Tollway. Such breach or damages entitle the Tollway to declare a default, terminate the contract, impose liquidated damages or exercise those remedies provided for in the contract or at law or in equity.

Sanctions may include, but are not limited to, monetary sanctions, including non-release of retainage; the monetary cost of audits resulting in findings of noncompliance; liquidated damages based on the damage to the Tollway from the Contractor's lack of good faith efforts and failure to meet the other requirements of this Special Provision in an amount up to the monetary difference between the amount committed to by the Contractor in its DBE Utilization Plan and the amount actually paid to DBEs; deeming the Contractor non-responsible with respect to future business with the Tollway; and any other sanctions as are permitted by law.

In imposing sanctions, the Tollway will consider the *bona fide* efforts of the Contractor to meet the DBE goal, its history of good faith efforts on other Tollway contracts, the size of the contract, the degree to which the Contractor fell below the DBE goal, and other factors deemed relevant by the Tollway.

The Contractor may appeal the decision to impose sanctions within 5 working days of its receipt of the written decision by filing an appeal in hard copy or electronic format with the Illinois State Toll Highway Authority's Sanctions Committee. Actual delivery of the hard copy and electronic formats within the 5 business days is required and mere posting by mail within that period is not sufficient. An appeal may provide additional documentation and/or arguments and request an oral presentation to the Tollway's Sanctions Committee. The Tollway's Sanctions Committee shall notify the Contractor in writing of the final determination and the basis for the determination within 10 working days after receipt of the appeal or after the date of the oral presentation by the Contractor, whichever is later. The Contractor may appeal an adverse decision within 5 working days of receipt of the final determination to the Executive Director by filing an appeal in hard copy and electronic format to the Illinois State Toll Highway Authority, Executive Director, 2700 Ogden Avenue, Downers Grove, Illinois 60515-1703, DBE@getipass.com. The Executive Director or his/her designee, which designee shall not be employed within the Tollway's Diversity Department, may solicit information from the Contractor, the Diversity and Strategic Development Department, the Chief of Diversity and Strategic Development, the Law Department, Internal Audit, the Procurement Department, and anyone else in his/her discretion, and shall render a final decision on the Contractor's appeal within 30 calendar days

9. INACCURATE OR FRAUDULENT REPORTING

The Contractor has a duty to accurately report information pursuant to this Special Provision. A Contractor who fails to supply accurate information is subject to sanctions imposed by the Tollway. A Contractor who intentionally supplies inaccurate information may be subject to civil and/or criminal sanctions.

10. OTHER REGULATIONS

The adherence to the DBE goal does not abrogate other responsibilities of the Contractor to comply with affirmative action requirements under federal or state law, municipal ordinance, prevailing government regulations or terms contained elsewhere in the Contract.

ILLINOIS STATE TOLL HIGHWAY AUTHORITY
DBE FORM 2026 - UTILIZATION PLAN

PRIME CONTRACTOR:_____
CONTACT NAME:_____
CONTACT PHONE NUMBER:_____
CONTACT E-MAIL:_____

CONTRACT NUMBER_____

Check one:

☐ Contractor will meet or exceed the DBE Contract Goal and will provide Disadvantaged Business Participation as presented below.

☐ Contractor will meet or exceed the DBE Contract Goal because PRIME BIDDER IS A DBE.

☐ Contractor requests a waiver of the DBE Contract Goal.

The Bidder is requesting the contract Goal be accordingly modified or waived. Attached is all information required by the Special Provision in support of this request, including Good Faith Efforts - Form 2023.

DOLLAR AMOUNT OF WAIVER REQUEST:_____
PERCENTAGE OF WAIVER REQUEST: _____

Instructions to Bidders:

1. Bidders are required to comply with the Special Provision.
2. Submit only one DBE Utilization Plan for each Project.
3. This Utilization Plan, Form 2026 must:
   --be submitted with the bid or the bid may be deemed non-responsive
   --be an accurate representation of work and pricing agreed upon between the prime and the DBE firm prior to bid submission
4. The Participation Statement(s) (DBE Form 2025), with original signatures, pay item description and pricing are to be submitted to Tollway Diversity at constructionbid@getipass.com by 5 p.m. on the fifth calendar day after notification to the prime by the Tollway of apparent low Bidder status
5. Each company listed on the Utilization Plan and subsequent Participation Statement must be listed in a certifying agency's database as stipulated in the Special Provision at the time of bid submission to be considered acceptable for DBE credit
6. In no case should a Contractor remove, replace or reduce the commitment to a DBE listed in the initial Utilization Plan on the Participation Statement without prior written consent of ISTHA. Under no circumstances is the Bidder allowed to change the amount of the core bid submitted or any other documentation unrelated to this special provision.

DBE UTILIZATION PLAN		
DBE Firm Name	Scope of Work Brief description of overall work to be performed	DBE - Amount ($) If supplier, enter 60% credit amount.
	TOTAL	

For ebid: the submission of Form 2026 constitutes signature of this form.
For hardcopy: signature required.
Form 2026 - 03/2018

_____
Signature

Date: 3/14/2019

To: Contact Name: Roland Schneider
Contractor Company Name: F.H. Paschen, S.N. Nielsen & Assoc., LLC

From Deanna Dinkel
DBE Project Specialist

Please note in accordance with the Procurement code (30 ILCS 500), section 50-11 prohibits a person from entering into a contract with a State agency, or entering into a sub-contract, if it, or any affiliate, is delinquent in the payment of any debt to the State, unless the person or affiliate has entered into a deferred payment plan to pay off the debt. (Procurement reform bill can be referenced on the Illinois Tollway website)

Subject: **DBE Plan Review** **Date Original Plan Submitted:** 3/14/2019 **Revision #** 0

Contract # I-18-4430 **Established DBE Goal:** 18.00 %

Contract Description: Roadway and Bridge Reconstruction - Tri-State Tollway (I-294) - Mile Long Bridge - Mile Post 20.7 to Mile Post 22.3 - Sta 5096+23.33 to Sta 1176+62.01

[X] Contractor's plan as submitted meets the established DBE goal for this contract

Notes:

DBE Plan as Submitted by apparent low bidder:

Contract Award Amount **$173,311,677.19**

D/M/WBE Firm Name	Status (SB/Sup/TK)	Type	Scope	Contract Amount	Credit Amount	Credit %	Certifying Agency	Gender	Ethnicity
321 Co.	Trucker	DBE	Trucking	$500,000.00	$500,000.00	0.28 %	IDOT	F	Caucasian
Alzate, Inc.	Trucker	DBE	Trucking	$26,490.00	$26,490.00	0.01 %	IDOT	M	Hispanic
Archon Construction Co Inc	SB	WBE	Underground utilities	$4,838,185.38	$4,838,185.38	2.79 %	City of Chicago	F	Caucasian
Atlantic Painting Co.	SB	D/WBE	Painting / sealing	$539,372.30	$539,372.30	0.31 %	City of Chicago	F	Caucasian
Black Dog Petroleum, LLC	SB	D/MBE	RAS Manufacture	$7,940.00	$7,940.00	0.00 %	IDOT	M	Asian Indian
Clausen Structures, Inc.	SB	DBE	Casing / Rebar	$1,150,000.00	$1,150,000.00	0.66 %	IDOT	F	Caucasian
Clausen Structures, Inc.	SB	DBE	Rebar	$8,008,086.12	$8,008,086.12	4.62 %	IDOT	F	Caucasian
Everlights Inc	Supplier	D/WBE	Electrical supply	$1,317,002.70	$790,201.62	0.45 %	City of Chicago	F	Caucasian
H II Construction Company	Trucker	D/MBE	Trucking	$17,060.00	$17,060.00	0.00 %	IDOT	M	African American
Kalgen Consultants, Inc.	SB	D/MBE	Quality Program	$1,293,826.00	$1,293,826.00	0.74 %	City of Chicago	M	Asian Indian
La Grange Crane Service, Inc.	SB	WBE	Crane service	$56,800.00	$56,800.00	0.03 %	City of Chicago	F	Caucasian
LiveWire Electrical Systems, Inc,	SB	D/MBE	Concrete	$700,000.00	$700,000.00	0.40 %	City of Chicago	M	African American
LiveWire Electrical Systems, Inc,	SB	D/MBE	Concrete	$1,200,000.00	$1,200,000.00	0.69 %	City of Chicago	M	African American
Lyons View Manufacturer and Supply	Supplier	D/MBE	Electrical supply	$144,092.00	$86,455.20	0.04 %	City of Chicago	M	African American
Marking Specialists Corporation	SB	D/MBE	Pavement marking	$83,845.40	$83,845.40	0.04 %	IDOT	M	Hispanic
Metropolitan Steel, Inc.	SB	D/MBE	Steel erection	$7,600,000.00	$7,600,000.00	4.38 %	City of Chicago	M	Hispanic
MIDCO Electric Supply, Inc.	Supplier	D/WBE	Handhole supply	$92,085.00	$55,251.00	0.03 %	IDOT	F	Caucasian
Midwestern Electric Co., Inc.	SB	D/MBE	Electrical work	$839,003.00	$839,003.00	0.48 %	IDOT	M	Hispanic

MM Hauling, Inc.	Trucker	DBE	Trucker	$100,000.00	$100,000.00	0.05 %	IDOT	M	Hispanic
Natural Creations Landscaping, Inc.	SB	D/MBE	Landscaping	$1,419,491.29	$1,419,491.29	0.81 %	City of Chicago	M	Hispanic
Royal Crane Services, Inc.	SB	D/MBE	Crane service	$1,350,000.00	$1,350,000.00	0.77 %	IDOT	M	Hispanic
S & J Construction Co., Inc.	SB	D/WBE	Sign structure work	$259,697.50	$259,697.50	0.14 %	City of Chicago	F	Caucasian
Sanco Traffic Control	SB	DBE	MOT	$235,986.00	$235,986.00	0.13 %	IDOT	M	Hispanic
Truck King Hauling Contractors, Inc.	Trucker	D/MBE	Trucking	$17,060.00	$17,060.00	0.00 %	City of Chicago	M	Hispanic
Walls Trucking Inc.	Trucker	D/MBE	Trucking	$100,000.00	$100,000.00	0.05 %	IDOT	M	Hispanic
Total # of subcontracts: 25			**TOTAL**	**$31,896,022.69**	**$31,274,750.81**	**18.04 %**			
Total # of subcontractors: 23			**Total %**	**18.40 %**	**18.04 %**				

Illinois Tollway

ILLINOIS STATE TOLL HIGHWAY AUTHORITY
DBE FORM 2026 - UTILIZATION PLAN

PRIME CONTRACTOR: F.H. Paschen, S.N. Nielsen & Associates LLC
CONTACT NAME: Roland Schneider
CONTACT PHONE NUMBER: 773-444-3474
CONTACT E-MAIL: rschneider@fhpaschen.com

CONTRACT NUMBER I-18-4430

Check one:

☐ Contractor will meet or exceed the DBE Contract Goal and will provide Disadvantaged Business Participation as presented below.

☐ Contractor will meet or exceed the DBE Contract Goal because PRIME BIDDER IS A DBE.

☐ Contractor requests a waiver of the DBE Contract Goal.

The Bidder is requesting the contract Goal be accordingly modified or waived. Attached is all information required by the Special Provision in support of this request, including Good Faith Efforts - Form 2023.

DOLLAR AMOUNT OF WAIVER REQUEST: _____

PERCENTAGE OF WAIVER REQUEST: _____

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   --be submitted with the bid or the bid may be deemed non-responsive
   --be an accurate representation of work and pricing agreed upon between the prime and the DBE firm prior to bid submission
4. The Participation Statement(s) (DBE Form 2025), with original signatures, pay item description and pricing are to be submitted to Tollway Diversity at constructionbid@getipass.com by 5 p.m. on the fifth calendar day after notification to the prime by the Tollway of apparent low Bidder status
5. Each company listed on the Utilization Plan and subsequent Participation Statement must be listed in a certifying agency's database as stipulated in the Special Provision at the time of bid submission to be considered acceptable for DBE credit
6. In no case should a Contractor remove, replace or reduce the commitment to a DBE listed in the initial Utilization Plan on the Participation Statement without prior written consent of ISTHA. Under no circumstances is the Bidder allowed to change the amount of the core bid submitted or any other documentation unrelated to this special provision.

DBE UTILIZATION PLAN

DBE Firm Name	Scope of Work Brief description of overall work to be performed	DBE - Amount ($) If supplier, enter 60% credit amount
NATURAL CREATIONS	LANDSCAPING	1,419,491.29
ARCHON	SEWER	4838185.38
CLAUSEN	REBAR FURNISH + INSTALL PARTIAL	8,008,086.12
METROPOLITAN	PRECAST INSTALL	7600 000.
ROYAL CRANE	HOISTING	1350.000.00
MARKING SPECIALISTS	PAVEMENT MARKINGS	83 845.40
EVERLIGHTS	ELECTRICAL SUPPLY	790 200.00
LYONS VIEW	ELECTRICAL SUPPLY	86 454
LAGRANGE CRANE	CRANE SERVICE	56 800
MIDCO	ELECTRICAL SUPPLY	55 251
MIDWESTERN ELECTRIC		839003
	TOTAL	[redacted]

For ebid: the submission of Form 2026 constitutes signature of this form.
For hardcopy: signature required.
Form 2026 - 03/2018

[redacted]
Roland Schneider, Authorized Agent & VP Signature

Illinois Tollway

ILLINOIS STATE TOLL HIGHWAY AUTHORITY
DBE FORM 2026 - UTILIZATION PLAN

PRIME CONTRACTOR: F.H. Paschen, S.N. Nielsen & Associates LLC
CONTACT NAME: Roland Schneider
CONTACT PHONE NUMBER: 773-444-3474
CONTACT E-MAIL: rschneider@fhpaschen.com

CONTRACT NUMBER I-18-4430

Check one:

☐ Contractor will meet or exceed the DBE Contract Goal and will provide Disadvantaged Business Participation as presented below.

☐ Contractor will meet or exceed the DBE Contract Goal because PRIME BIDDER IS A DBE.

☐ Contractor requests a waiver of the DBE Contract Goal.

The Bidder is requesting the contract Goal be accordingly modified or waived. Attached is all information required by the Special Provision in support of this request, including Good Faith Efforts - Form 2023.

DOLLAR AMOUNT OF WAIVER REQUEST: _____

PERCENTAGE OF WAIVER REQUEST: _____

Instructions to Bidders:

1. Bidders are required to comply with the Special Provision.
2. Submit only one DBE Utilization Plan for each Project.
3. This Utilization Plan, Form 2026 must:
   - be submitted with the bid or the bid may be deemed non-responsive
   - be an accurate representation of work and pricing agreed upon between the prime and the DBE firm prior to bid submission
4. The Participation Statement(s) (DBE Form 2025), with original signatures, pay item description and pricing are to be submitted to Tollway Diversity at constructionbid@getipass.com by 5 p.m. on the fifth calendar day after notification to the prime by the Tollway of apparent low Bidder status.
5. Each company listed on the Utilization Plan and subsequent Participation Statement must be listed in a certifying agency's database as stipulated in the Special Provision at the time of bid submission to be considered acceptable for DBE credit.
6. In no case should a Contractor remove, replace or reduce the commitment to a DBE listed in the initial Utilization Plan on the Participation Statement without prior written consent of ISTHA. Under no circumstances is the Bidder allowed to change the amount of the core bid submitted or any other documentation unrelated to this special provision.

DBE UTILIZATION PLAN

DBE Firm Name	Scope of Work Brief description of overall work to be performed	DBE - Amount ($) If supplier, enter 60% credit amount.
ATLANTIC PAINTING	PAINT	539 372.30
321 Co de	TRUCKING	500 000.00
KALGREN CONSULTANTS	QUALITY CONTROL	1 293 826
SANCO SERVICES	TRAFFIC CONTROL	235 986
S&T	SIGNAGE	269 697.50
M&M HAULING	TRUCKING	100,000.00
HZ CONST	TRUCKING	17,060
BLACK DOG	TRUCKING / MANUFACTOR	7940
TRUCK KING	TRUCKING	17 060
WALLS TRUCKING	TRUCKING	100,000.00
ALBATE INC	TRUCKING	26 490
	TOTAL	[redacted]

For ebid: the submission of Form 2026 constitutes signature of this form.
For hardcopy: signature required.
Form 2026 - 03/2018

Roland Schneider, Authorized Agent & VP Signature

ILLINOIS STATE TOLL HIGHWAY AUTHORITY
DBE FORM 2026 - UTILIZATION PLAN

PRIME CONTRACTOR: F.H. Paschen, S.N. Nielsen & Associates LLC
CONTACT NAME: Roland Schneider
CONTACT PHONE NUMBER: 773-444-3474
CONTACT E-MAIL: rschneider@fhpaschen.com

CONTRACT NUMBER I-18-4430

Check one:

☐ Contractor will meet or exceed the DBE Contract Goal and will provide Disadvantaged Business Participation as presented below.

☐ Contractor will meet or exceed the DBE Contract Goal because PRIME BIDDER IS A DBE.

☐ Contractor requests a waiver of the DBE Contract Goal.

The Bidder is requesting the contract Goal be accordingly modified or waived. Attached is all information required by the Special Provision in support of this request, including Good Faith Efforts - Form 2023

DOLLAR AMOUNT OF WAIVER REQUEST: _____

PERCENTAGE OF WAIVER REQUEST: _____

Instructions to Bidders:

1. Bidders are required to comply with the Special Provision
2. Submit only one DBE Utilization Plan for each Project
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   --be submitted with the bid or the bid may be deemed non-responsive
   --be an accurate representation of work and pricing agreed upon between the prime and the DBE firm prior to bid submission
4. The Participation Statement(s) (DBE Form 2025), with original signatures, pay item description and pricing are to be submitted to Tollway Diversity at constructionbid@getipass.com by 5 p.m. on the fifth calendar day after notification to the prime by the Tollway of apparent low Bidder status
5. Each company listed on the Utilization Plan and subsequent Participation Statement must be listed in a certifying agency's database as stipulated in the Special Provision at the time of bid submission to be considered acceptable for DBE credit
6. In no case should a Contractor remove, replace or reduce the commitment to a DBE listed in the initial Utilization Plan on the Participation Statement without prior written consent of ISTHA. Under no circumstances is the Bidder allowed to change the amount of the core bid submitted or any other documentation unrelated to this special provision.

DBE UTILIZATION PLAN		
DBE Firm Name	Scope of Work Brief description of overall work to be performed	DBE - Amount ($) If supplier, enter 60% credit amount.
LIVE WIRE	CONCRETE	1900 000.00
CLAUSEN	REBAR INSTALL	1,150,000.00
	TOTAL	3 274 747.99

For ebid: the submission of Form 2026 constitutes signature of this form
For hardcopy: signature required.
Form 2026 - 03/2018

[redacted]
Roland Schneider, Authorized Agent & VP Signature

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT # I-18-4430

DBE FIRM NAME: NATURAL CREATIONS LANDSCAPING, INC.

CHECK ACCORDINGLY: (DBE) (MBE) WBE SBA 8(A)

DBE FIRM'S ATTRIBUTE(S): PRIME ____ JV PARTNER ____ SUBCONTRACTOR ✓ TRUCKER ____ SUPPLIER ____ MANUFACTURER ____

SUBCONTRACTOR: TIER 1 (SUB TO PRIME): (Y) N TIER 2 OR BELOW: Y N UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	SEE ATTACHED					
			TOTALS FOR THIS DBE FIRM:	1,419,491.29		

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #IS671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. **The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special [illegible] provision and can subject the contractor to contract sanctions.**

[redacted] ROLAND SCHNEIDER, AGENT: VP 4/4/19

Signature for Prime Contractor — Title — Date

Contact: ROLAND SCHNEIDER

Firm Name: F.H. PASCHEN, SN NIELSEN & ASSOC. LLC

E-mail: rschneider@fhpaschen.com

Phone: 773-444-3474

Address: 5515 N East River Rd, Chicago IL 60631

[redacted] PRESIDENT 04/03/2019

Signature for DBE Contractor — Title — Date

Contact: JOSÉ M. GARCIA

Firm Name: NATURAL CREATIONS LANDSCAPING, INC.

E-mail: JGARCIA@NATURALCREATIONSLANDSCAPING.COM

Phone: 815-724-0991

Address: 356 E. BRUCE STREET, JOLIET, IL, 60432

NATURAL CREATIONS LANDSCAPING INC.
TWENTY YEARS OF EXCELLENCE
1994 - 2014

BID PROPOSAL

Natural Creations Landscaping Inc.
356 Bruce St.
Joliet, Il. 60432

PHONE: (815) 724-0991
FAX: (815) 724-0996

UNION-MBE-DBE

SUBMITTED TO: F.H. PASCHEN

PROJECT NAME: I-294 mile long bridge pkg 1 NB MP20.7-22.3

PHONE:

CONTRACT: ISTHA I-18-4430 from 4/5/18 letting

FAX:

BID DATE: 04/05/2019

BASE ITEMS: ALL DBE

Item No	Description	UNIT	QTY	Unit Price	Total
25000400	NITROGEN FERTILIZER NUTRIENT	LBS	1,071.00	$3.00	$3,213.00
25000600	POTASSIUM FERTILIZER NUTRIENT	LBS	3,213.00	$3.00	$9,639.00
25000750	MOWING	ACRE	61.30	$500.00	$30,650.00
25100127	MULCH, METHOD 3A	ACRE	61.30	$1,600.00	$98,080.00
JI251010	EROSION CONTROL BLANKET, BIODEGRADABLE NETTING	SY	165,548.00	$1.30	$215,212.40
JI251015	HEAVY DUTY EROSION CONTROL BLANKET, BIODEGRADABLE NETTING	SY	7,957.00	$1.60	$12,731.20
JS250220	SEEDING, CLASS 2E	ACRE	4.50	$2,900.00	$13,050.00
JS250314	SEEDING, CLASS 4B	ACRE	5.50	$3,900.00	$21,450.00
JS250318	SEEDING, CLASS 4F	ACRE	26.00	$1,900.00	$49,400.00
JS250320	SEEDING, CLASS 5	ACRE	26.00	$3,600.00	$93,600.00
JS250324	SEEDING, CLASS 5B	ACRE	5.50	$2,500.00	$13,750.00
JS250350	SEEDING, CLASS 7	ACRE	61.30	$300.00	$18,390.00
JS280050	SILT FENCE	LF	17,176.00	$3.50	$60,116.00
JS280051	RE-ERECT SILT FENCE	LF	8,420.00	$2.00	$16,840.00
JS280100	SUPER SILT FENCE	LF	4,604.00	$16.00	$73,664.00
JS280120	TREE PROTECTION	LF	500.00	$3.25	$1,625.00
JS280151	SAME-DAY STABILIZATION	SY	313,969.00	$0.01	$3,139.69
JS280180	RECTANGULAR INLET PROTECTION	EA	31.00	$200.00	$6,200.00
JS280210	FILTER FABRIC INLET PROTECTION, BASKET TYPE	EA	150.00	$95.00	$14,250.00
JS280305	TEMPORARY DITCH CHECKS	LF	2,145.00	$9.00	$19,305.00
JT211200	PREPARED TOPSOIL FURNISH / PLACE, 8"	SY	450.00	$25.00	$11,250.00
JT250410	BIOSWALE SEED MIXTURE 1	ACRE	0.30	$7,900.00	$2,370.00
JT251020	BIOSWALE EROSION CONTROL BLANKET	SY	733.00	$2.00	$1,466.00
JT280500	SEDIMENT FILTER BAG *See NOTE 3	EA	16.00	$200.00	$3,200.00
JT280510	FLOC LOG *See NOTE 3	EA	16.00	$200.00	$3,200.00
JT285055	ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM, TYPE 1 *See NOTE 4	SY	4,158.00	$150.00	$623,700.00
				BASE ITEMS SUBTOTAL:	**$1,419,491.29**

OPTIONAL ITEMS:

Item No	Description	UNIT	QTY	Unit Price	Total
Z0026400	FURNISHING AND PLACING SAND FILL *See NOTE 1	CY	0.00	$75.00	—
JI211110	TOPSOIL EXCAVATION AND PLACEMENT *re-spread portion See NOTE 2	CY	0.00	$8.25	—
JS280020	MANAGEMENT OF EROSION AND SEDIMENT CONTROL	MON	20.00	NO	BID
JS280080	FLOTATION BOOM	LF	0.00	$48.00	—
JS280110	TEMPORARY PIPE SLOPE DRAINS	LF	0.00	NO	BID
JS280140	TEMPORARY RIPRAP	TON	0.00	NO	BID

PAGE 1 OF 2 - SEE NEXT PAGE

NATURAL CREATIONS LANDSCAPING INC.
TWENTY YEARS OF EXCELLENCE
1994 - 2014

BID PROPOSAL

Natural Creations Landscaping Inc.
356 Bruce St.
Joliet, Il. 60432

PHONE: (815) 724-0991
FAX: (815) 724-0996

UNION-MBE-DBE

SUBMITTED TO: F.H. Paschen

PROJECT NAME: I-294 mile long bridge pkg 1 NB MP20.7-22.3

PHONE:

CONTRACT: ISTHA I-18-4430 from 4/5/18 letting

FAX:

BID DATE: 04/05/2019

OPTIONAL ITEMS:

Item No	Description	UNIT	QTY	Unit Price	Total
JT154016	ALLOWANCE FOR UNFORESEEN EROSION CONTROL MEASURES *See NOTE 5	UNIT	25,000.00	SEE	NOTE
JT281020	FISH BARRIER ACCESS MANAGEMENT	LS	0.00	NO	BID

OPTIONAL ITEMS SUBTOTAL: $0.00

PROPOSAL TOTAL WITH OPTIONAL ITEMS: $1,419,491.29

NOTES:
Line item quantities take into account addendum 1-6.

MITCHELL HOLMER
CHIEF ESTIMATOR
[redacted]BE

Since the Tollway accepts either ILUCP or City of Chicago MBE toward the DBE participation percentage (per special provision page DBE-3), you can count us in for Tollway DBE (NAICS code 561730 landscape installation) for all of the landscaping and erosion control items on this project.

NOTE 1: All subgrades by others.

NOTE 2: All subgrades by others. We will only re-spread unpulverized on-site topsoil whether supplied by you or stockpiled by others on-site, which must be clean to IDOT imported topsoil specifications to include permission to re-use by others, provided at no cost to us. Excessive rock picking and other debris will need to be removed by others or will be at an additional cost for us to remove on a T&M basis. If sufficient quantity of on-site topsoil does not exist, or is not suitable for re-use, we could provide clean imported topsoil for the topsoil item if needed, then call for F&P pricing.
It is also acceptable to Natural Creations Landscaping for us to not perform the topsoil respread portion as long as others performing that portion of the item is done to within +/- 0.1" of finish grade for final seeding. If needed, we could perform the fine grading portion of the re-spread / furnished topsoil to be provided by others. Our charge for the fine grading portion only for the topsoil is $0.35 /SY.

NOTE 3: Our price is to furnish the floc log, polymer or sediment filter bag itself, dewatering setup and process by others.

NOTE 4: All excavation and subgrades by others. Dewatering/pumping at articulated concrete block (ACB) revetment mat installation sites by others. Our unit price includes the filter fabric underneath and the small quantity of grout used for mat-to-mat connections if needed. Price does not include concrete fill to connect to other structures.

NOTE 5: We can provide assistance with this Allowance line item by using our unit pricing from our other related line items.

General Note: Railroad protective insurance to be provided by general contractor, not by Natural Creations Landscaping Inc. or if required by each sub, the fee for to us to acquire the additional insurance will be at an extra cost.

Railroad flagging by others. Traffic control and dewatering by others.

For questions call Mitch at 815-724-0991 or Jose at 630-878-0765.

This bid consists of two bid sheets (2) / one DBE form 2025 Participation sheet (1) / three IL UCP IDOT DBE Certification sheets (3) / two MBE Certification sheets (2) = 8 sheets total

Illinois Department of Transportation
Office of Business & Workforce Diversity
2300 South Dirksen Parkway / Springfield, Illinois 62764

March 7, 2019

CERTIFIED-RETURN RECEIPT REQUESTED

Mr. Jose M. Garcia
Natural Creations Landscaping Inc.
356 E. Bruce St.
Joliet, IL 60432

Dear Mr. Garcia:

The Illinois Department of Transportation (IDOT) has approved the *No Change Affidavit* for Natural Creations Landscaping Inc. and determined that the firm continues to meet DBE eligibility standards to perform work towards DBE goals.

To remain certified and in good standing, you must annually submit a *No Change Affidavit.* IDOT will send an affidavit form 60 days prior to the firm's next anniversary date.

Should the submitted information change, you are required to notify IDOT's Bureau of Small Business Enterprises within 30 days of the change.

Note: Pursuant to 49 CFR Part 26.83(i), whenever there is a change in circumstances affecting your firm's eligibility status, your firm must provide written notification to IDOT within 30 days of the occurrence of the change. If you fail to make timely notification, it may result in the loss of your firm's certification.

If you have any questions, please contact the Bureau of Small Business Enterprises at (217) 782-5490.

Sincerely,

[redacted]

E. Diane Cook Felton, Manager
DBE Certification Section
Bureau of Small Business Enterprises

Unified Certification Program - Search

Contractor Details

Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Natural Creations Landscaping Inc.
Jose M. Garcia
356 E. Bruce St.
Joliet, IL 60432

County: DuPage

Email: jgarcia@naturalcreationslandscaping.com

Phone: (815) 724-0991

Fax: (815) 724-0996

Categories: Construction, Trucking

NAICS	Speciality
237310-Highway, Street, & Bridge Construction	237310- EXCAVATING & GRADING - CONSTRUCTION
238140-Masonry Contractors	238140- INSTAL.PAV.BRICK & PRECAST RETAINING WALLS
238990-All Other Specialty Trade Contractors	238990- MISC: BRICK, GRANITE & SIDEWALK MASONRY
484220-Specialized Freight (except Used Goods) Trucking, Local	484220- TRUCKING

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Version: 1.1.27.5

Illinois Department of Transportation

Natural Creations Landscaping Inc.

is hereby certified as a

Disadvantaged Business Enterprise

This certificate is valid under current firm ownership and operational control only and supercedes any authorization or listing previously issued.

[redacted]

Gary Hannig
Secretary
Illinois Department of Transportation

[redacted]

Carol Lyle
Bureau Chief
Bureau of Small Business Enterprises

Effective the 19th day of January, 2010

DEPARTMENT OF PROCUREMENT SERVICES

CITY OF CHICAGO

MAR 2 6 2018

Jose M. Garcia
Natural Creations Landscaping, Inc.
356 E. Bruce St.
Joliet, IL 60432

Dear Jose M. Garcia:

We are pleased to inform you that **Natural Creations Landscaping, Inc.** has been recertified as a **Minority-Owned Business Enterprise ("MBE")** by the City of Chicago ("City"). This **MBE** certification is valid until **3/15/2023**; however your firm's certification must be revalidated annually. In the past the City has provided you with an annual letter confirming your certification; such letters will no longer be issued. As a consequence, we require you to be even more diligent in filing your **annual No-Change Affidavit 60 days** before your annual anniversary date.

It is now your responsibility to check the City's certification directory and verify your certification status. As a condition of continued certification during the five year period stated above, you must file an annual No-Change Affidavit. Your firm's **annual No-Change Affidavit** is due by **3/15/2019, 3/15/2020, 3/15/2021, and 3/15/2022.** Please remember, you have an affirmative duty to file your **No-Change Affidavit 60 days** prior to the date of expiration. Failure to file your annual No-Change Affidavit may result in the suspension or rescission of your certification.

Your firm's five year certification will expire on **3/15/2023.** You have an affirmative duty to file for recertification **60 days** prior to the date of the five year anniversary date. Therefore, you must file for recertification by **1/15/2023.**

It is important to note that you also have an ongoing affirmative duty to notify the City of any changes in ownership or control of your firm, or any other fact affecting your firm's eligibility for certification **within 10 days** of such change. These changes may include but are not limited to a change of address, change of business structure, change in ownership or ownership structure, change of business operations, gross receipts and or personal net worth that exceed the program threshold. Failure to provide the City with timely notice of such changes may result in the suspension or rescission of your certification. In addition, you may be liable for civil penalties under Chapter 1-22, "False Claims", of the Municipal Code of Chicago.

Please note -- you shall be deemed to have had your certification lapse and will be ineligible to participate as a **MBE** if you fail to:

- File your annual No-Change Affidavit within the required time period;

- Provide financial or other records requested pursuant to an audit within the required time period;
- Notify the City of any changes affecting your firm's certification **within 10 days** of such change; or
- File your recertification within the required time period.

Please be reminded of your contractual obligation to cooperate with the City with respect to any reviews, audits or investigation of its contracts and affirmative action programs. We strongly encourage you to assist us in maintaining the integrity of our programs by reporting instances or suspicions of fraud or abuse to the **City's Inspector General at chicagoinspectorgeneral.org, or 866-IG-TIPLINE (866-448-4754).**

Be advised that if you or your firm is found to be involved in certification, bidding and/or contractual fraud or abuse, the City will pursue decertification and debarment. In addition to any other penalty imposed by law, any person who knowingly obtains, or knowingly assists another in obtaining a contract with the City by falsely representing the individual or entity, or the individual or entity assisted is guilty of a misdemeanor, punishable by incarceration in the county jail for a period not to exceed six months, or a fine of not less than $5,000 and not more than $10,000 or both.

Your firm's name will be listed in the City's Directory of Minority and Women-Owned Business Enterprises in the specialty area(s) of:

NAICS Code(s):

238990 - Brick paver (e.g., driveways, patios, sidewalks) installation
561730 - Landscaping Services
541320 - Landscape design services
484220 - Trucking, specialized freight (except used goods), local
237310 - Concrete paving (i.e., highway, road, street, public sidewalk)
237310 - Pavement, highway, road, street, bridge or airport runway, construction

Your firm's participation on City contracts will be credited only toward **Minority-Owned Business Enterprise** goals in your area(s) specialty. While your participation on City contracts is not limited to your area of specialty, credit toward goals will be given only for work that is self-performed and providing a commercially useful function that is done in the approved specialty category.

Thank you for your interest in the City's Minority, Women-Owned Business Enterprise, Veteran-Owned Business Enterprise and Business Enterprise Owned or Operated by People with Disabilities (MBE/WBE/VBE/BEPD) Program.

Sincerely,

[redacted]

Rich Butler
First Deputy Procurement Officer
RB/lj

Protecting Our Water Environment

Metropolitan Water Reclamation District of Greater Chicago
100 EAST ERIE STREET CHICAGO, ILLINOIS 60611-3154 312.751.5600

BOARD OF COMMISSIONERS
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Josina Morita
Debra Shore
Kari K. Steele
David J. Walsh

Regina D. Berry
Diversity Administrator
312.751.4035 f. 312.751.4440
regina.berry@mwrd.org

February 28, 2018

Jose Garcia
Natural Creations Landscaping, Inc.
356 E. Bruce St.
Joliet, IL 60432

Vendor Number: **5006597**

Dear Jose Garcia:

The result of our review concludes that **Natural Creations Landscaping, Inc.** is certified as a **MBE** eligible to fulfill **MBE** requirements on Metropolitan Water Reclamation District of Greater Chicago (District) contracts. Your firm is certified as of **February 28, 2018.**

It is your firm's obligation to apply for re-certification no later than **March 1, 2020.** Re-certification may be revoked if it is determined that your firm is involved in bidding irregularities, contract fraud or misrepresentation of your firm's MBE, WBE, or SBE status. ***An additional in-depth review will be made if your company is listed as MBE, WBE, or SBE on a bid document to fulfill Affirmative Action goals at the District.***

Your firm will be listed in the online edition of the District's Vendor Directory. The directory is located at mwrd.org under the "Business with us" tab. Your specialty area will be shown as:

Brick Paver (e.g., driveways, patios, sidewalks) Installation; Landscape Care and Maintenance Services; Landscape Installation Services; Landscape Design Services

As a certified MBE, WBE or SBE, it is your obligation to promptly notify this office in writing of any changes or circumstances that affect your ability to meet ownership, size requirements and/or control of your firm. The notice must take the form of a notarized affidavit sworn to by the owner and provided within 30 days of the change. The District reserves the right to commence actions to revoke your firm's certification if this notification is not made.

Illinois law requires that all corporations secure a Certification of Authority from the Illinois Secretary of State prior to doing business in the State.

If you have any questions regarding MBE, WBE, or SBE certification or District business opportunities, please contact Richard L. Martinez, Jr., Senior Diversity Officer at 312-751-4034.

Sincerely,

[redacted]

Regina D. Berry
Diversity Administrator

RDB:RLM:lc

Illinois Tollway — *Illinois State Toll Highway Authority "ISTHA"*

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME:	Archon Construction Co., Inc
CIRCLE ALL THAT APPLY:	DBE MBE (WBE) SBA 8(A)

CHECK ALL THAT APPLY:

PRIME ____ JV PARTNER ____ SUBCONTRACTOR X TRUCKER ____ SUPPLIER ____ MANUFACTURER ____

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): (Y) N	TIER 2 OR BELOW: Y (N)	UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
See Attachment	F+I Storm, Water, + Sanitary Underground					4,838,185.38
	TOTALS FOR THIS DBE FIRM:			$4,638,185.38		

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #JS671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item[s] listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a [redacted] pation and can subject the contractor to contract sanctions.

[redacted] oland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor — Title — Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] General Manager 4/5/19

Signature for DBE Contractor — Title — Date

Contact: Dominic Fiordirosa
Firm Name: Archon construction
E-mail: dominic@Archonmine.us
Phone: 630-445-0015
Address: 563 S. Rte 53, Addison, IL 60101-4211

ARCHON CONSTRUCTION CO., INC.
UTILITY CONTRACTORS
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THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT I-18-4430
ROADWAY AND BRIDGE RECONSTRUCTION
TRI-STATE TOLLWAY (I-294)
MILE LONG BRIDGE
MILEPOST 20.7 TO MILEPOST 22.3
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	ž
	20800150	TRENCH BACKFILL	CU YD	6,676	$26.66	$177,982.16
	50104400	CONCRETE HEADWALL REMOVAL	EACH	14	$1,086.82	$15,215.48
	54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2	$7,564.62	$15,129.24
	54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	1	$15,710.00	$15,710.00
	54001003	BOX CULVERT END SECTIONS, CULVERT NO. 3	EACH	1	$10,800.00	$10,800.00
	54010603	PRECAST CONCRETE BOX CULVERTS 6' X 3'	FOOT	354	$413.81	$146,488.74
	54010604	PRECAST CONCRETE BOX CULVERTS 6' X 4'	FOOT	47	$590.94	$27,774.18
	54248510	CONCRETE COLLAR	CU YD	2	$6,419.98	$12,839.96
	5425A066	PIPE CULVERTS, CLASS A, TYPE 5 66" (TEMPORARY)	FOOT	110	$259.36	$28,529.60
BDE	54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	78	$112.85	$8,802.30
BDE	54263272	CONCRETE END SECTION, STANDARD 542011, 72", 1:2	EACH	1	$22,952.00	$22,952.00
	542A3415	PIPE CULVERTS, CLASS A, TYPE 5 60"	FOOT	38	$422.18	$16,042.84
	542C5497	PIPE CULVERTS, CLASS C, TYPE 1 EQUIVALENT ROUND-SIZE 42"	FOOT	116	$222.46	$25,805.36
	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	237	$64.68	$15,329.16
	550A0110	STORM SEWERS, CLASS A, TYPE 1 21"	FOOT	11	$73.94	$813.34
	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	89	$52.33	$4,657.37
	550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	170	$51.40	$8,738.00
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	68	$41.31	$2,809.08
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	669	$47.68	$31,897.92

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	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	1,051	$49.31	$51,824.81
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	773	$61.40	$47,462.20
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	373	$86.14	$32,130.22
	550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	417	$173.51	$72,353.67
	550A0490	STORM SEWERS, CLASS A, TYPE 2 54"	FOOT	235	$214.13	$50,320.55
	550A0680	STORM SEWERS, CLASS A, TYPE 3 18"	FOOT	58	$88.25	$5,118.50
	550A1000	STORM SEWERS, CLASS A, TYPE 4 21"	FOOT	101	$108.83	$10,991.83
	550A1010	STORM SEWERS, CLASS A, TYPE 4 24"	FOOT	205	$99.23	$20,342.15
	550A4750	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 72"	FOOT	239	$330.11	$78,896.29
	55100200	STORM SEWER REMOVAL 6"	FOOT	45	$5.73	$257.85
	55100300	STORM SEWER REMOVAL 8"	FOOT	56	$13.82	$773.92
	55100500	STORM SEWER REMOVAL 12"	FOOT	1,615	$3.63	$5,862.45
	55100700	STORM SEWER REMOVAL 15"	FOOT	1,188	$4.75	$5,643.00
	55100900	STORM SEWER REMOVAL 18"	FOOT	486	$1.03	$500.58
	55101200	STORM SEWER REMOVAL 24"	FOOT	566	$1.37	$775.42
	55101600	STORM SEWER REMOVAL 36"	FOOT	42	$6.13	$257.46
	55101800	STORM SEWER REMOVAL 42"	FOOT	64	$8.04	$514.56
	55102000	STORM SEWER REMOVAL 54"	FOOT	267	$11.56	$3,086.52
	55102400	STORM SEWER REMOVAL 78"	FOOT	233	$40.96	$9,543.68
*	56105410	WATER VALVES 20"	EACH	2	$6,155.20	$12,310.40
	60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	$4,138.54	$16,554.16
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	6	$3,996.44	$23,978.64
	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	$3,592.68	$3,592.68
*	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME,	EACH	25	$2,662.66	$66,566.50

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		CLOSED LID				
*	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	$8,932.70	$8,932.70
*	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	10	$6,202.42	$62,024.20
*	60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	$8,333.92	$41,669.60
*	60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	$14,164.92	$56,659.68
*	60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	$3,102.68	$3,102.68
*	60249010	VALVE VAULTS, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	$5,115.60	$10,231.20
	60253000	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	16	$1,472.94	$23,567.04
	60253100	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	4	$1,472.94	$5,891.76
	60500040	REMOVING MANHOLES	EACH	15	$257.74	$3,866.10
	60500050	REMOVING CATCH BASINS	EACH	4	$257.74	$1,030.96
	60500060	REMOVING INLETS	EACH	10	$257.74	$2,577.40
	60500105	FILLING MANHOLES	EACH	3	$180.32	$540.96
*	X0322916	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER	EACH	5	$1,057.42	$5,287.10
*	X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	5	$1,057.42	$5,287.10
*	X0322918	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	15	$1,031.94	$15,479.10
*	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	13	$19.60	$254.80
*	X0323814	SANITARY SEWER REMOVAL, 18"	FOOT	137	$22.54	$3,087.98
*	X0323868	DRAINAGE RESTRICTOR	EACH	1	$7,178.90	$7,178.90
*	X0326358	STORM WATER TREATMENT SYSTEM	EACH	4	$55,968.20	$223,872.80
*	X0487800	SANITARY SEWER REMOVAL 12"	FOOT	92	$16.80	$1,545.60

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*	X1200042	MANHOLES, TYPE A, 9'-DIAMETER, WITH 2 TYPE 1 FRAMES, CLOSED LID, RESTRICTOR PLATE	EACH	1	$27,100.92	$27,100.92
*	X5610706	WATER MAIN REMOVAL, 6"	FOOT	90	$11.47	$1,032.30
*	X5630006	CUT AND CAP EXISTING 6" WATER MAIN	EACH	1	$4,790.24	$4,790.24
*	X5630008	CUT AND CAP EXISTING 8" WATER MAIN	EACH	1	$9,682.40	$9,682.40
*	X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	2	$8,541.68	$17,083.36
*	X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	$6,240.68	$18,722.04
*	X6026622	VALVE VAULTS TO BE REMOVED	EACH	4	$1,818.88	$7,275.52
*	Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	5	$1,092.70	$5,463.50
*	Z0023500	FILLING EXISTING CULVERTS	CU YD	552	$247.50	$136,620.00
*	Z0044298	PRESSURE CONNECTION TO EXISTING WATER MAIN	EACH	3	$14,079.66	$42,238.98
*	Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	44	$122.30	$5,381.20
*	Z0056612	STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH	FOOT	24	$112.01	$2,688.24
*	Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	253	$104.03	$26,319.59
*	Z0056622	STORM SEWER (WATER MAIN REQUIREMENTS) 36 INCH	FOOT	235	$207.47	$48,755.45
*	Z0056631	STORM SEWER (WATER MAIN REQUIREMENTS) EQUIVALENT ROUND-SIZE 24 INCH	FOOT	137	$207.47	$28,423.39
*	Z0057300	SANITARY SEWER 18"	FOOT	231	$94.28	$21,778.68
	JA000113	VALVE 20" AND VAULT	EACH	1	$20,122.34	$20,122.34
*	JA000125	BUTTERFLY VALVE AND VAULT, 36"	EACH	3	$40,312.30	$120,936.90
*	JA000150	DUCTILE IRON WATER MAIN CAP, 8"	EACH	1	$4,780.44	$4,780.44
*	JA000153	DUCTILE IRON WATERMAIN CAP, 14"	EACH	4	$3,789.66	$15,158.64
*	JA000155	DUCTILE IRON WATER MAIN CAP, 20"	EACH	3	$6,468.00	$19,404.00

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*	JA000169	NON-PRESSURE CONNECTION TO EXISTING WATER MAIN, 20"	EACH	3	$15,584.94	$46,754.82
*	JA000210	DUCTILE IRON WATER MAIN, 6", RESTRAINED JOINT PIPE	FOOT	50	$189.78	$9,489.00
*	JA000218	DUCTILE IRON WATER MAIN, 14", RESTRAINED JOINT PIPE	FOOT	349	$229.12	$79,962.88
*	JA000222	DUCTILE IRON WATER MAIN, 20", RESTRAINED JOINT PIPE	FOOT	575	$471.92	$271,354.00
*	JA000265	STEEL CASING PIPE, 54"	FOOT	551	$617.69	$340,347.19
*	JA000477	ABANDON EXISTING WATER MAIN IN PLACE, 8"	FOOT	56	$76.00	$4,256.00
*	JA000481	ABANDON EXISTING WATER MAIN IN PLACE, 14"	FOOT	379	$55.22	$20,928.38
*	JA000485	ABANDON EXISTING WATER MAIN IN PLACE, 20"	FOOT	646	$33.91	$21,905.86
*	JA000500	ABANDON EXISTING WATER MAIN IN PLACE, 36"	FOOT	777	$84.48	$65,640.96
*	JA000595	STEEL STORM SEWER, 18"	FOOT	143	$108.29	$15,485.47
*	JA000670	FIRE HYDRANTS REMOVAL	EACH	2	$635.04	$1,270.08
		PVC WATER MAIN 20"	LF	16	$527.24	$8,435.84
		PVC WATER MAIN 36"	LF	1,136	$652.53	$741,274.08
		WATER MAIN CAP 20" PVC	EACH	1	$2,463.72	$2,463.72
		WATER MAIN CAP 36" PVC	EACH	2	$2,463.72	$4,927.44
*	JI550100	TEMPORARY STORM SEWER, CLASS A, 12"	FOOT	1,363	$50.03	$68,190.89
*	JI550102	TEMPORARY STORM SEWER, CLASS A, 15"	FOOT	581	$44.49	$25,848.69
*	JI550104	TEMPORARY STORM SEWER, CLASS A, 18"	FOOT	204	$88.64	$18,082.56
*	JI593030	ABANDON AND FILL EXISTING STORM SEWER	CU YD	167	$494.31	$82,549.77
*	JI601300	PIPE UNDERDRAINS, 6" (SPECIAL)	FOOT	421	$22.44	$9,447.24
*	JI601320	PIPE UNDERDRAINS, FABRIC LINED TRENCH 6"	FOOT	4,415	$19.06	$84,149.90
*	JI602100	OUTLET CONTROL STRUCTURE TYPE 1 (CHECK DAM)	EACH	1	$16,711.94	$16,711.94
*	JI602115	CATCH BASINS, TYPE G-2, TYPE G-2 FRAME AND GRATE	EACH	1	$28,450.38	$28,450.38
*	JI602120	CATCH BASINS, TYPE G-3, TYPE G-3 FRAME AND GRATE	EACH	9	$5,472.32	$49,250.88
*	JI602182	CATCH BASINS, TYPE A, 4'-	EACH	5	$6,212.22	$31,061.10

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		DIAMETER, TYPE G-2 FRAME AND GRATE				
*	JI602184	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20A FRAME AND GRATE	EACH	6	$4,377.66	$26,265.96
*	JI602230	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID (TEMPORARY)	EACH	9	$1,215.20	$10,936.80
*	JI602231	INLETS, TYPE A, TYPE 20A FRAME AND GRATE	EACH	10	$1,797.32	$17,973.20
*	JI602235	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID (TEMPORARY)	EACH	7	$2,121.70	$14,851.90
*	JI602237	INLETS, TYPE B, TYPE 20A FRAME AND GRATE	EACH	6	$2,820.44	$16,922.64
*	JI602300	MANHOLE, TYPE A, 5' DIA., TYPE G-3 FRAME AND GRATE	EACH	1	$5,454.68	$5,454.68
*	JI602519	DRAINAGE STRUCTURES TO BE ADJUSTED WITH TWO TYPE 20A FRAME AND GRATE	EACH	2	$1,926.68	$3,853.36
*	JI680003	HEADWALL TYPE I, 21"	EACH	1	$2,440.20	$2,440.20
*	JI680004	HEADWALL TYPE I, 24"	EACH	9	$2,636.20	$23,725.80
*	JI680010	HEADWALL TYPE II, 42"	EACH	1	$4,998.98	$4,998.98
*	JI680011	HEADWALL TYPE II, 48"	EACH	2	$10,245.90	$20,491.80
*	JI680012	HEADWALL TYPE II, 54"	EACH	1	$11,760.00	$11,760.00
*	JI680021	HEADWALL TYPE III, 42", 1:4	EACH	1	$12,381.69	$12,381.69
*	JI680022	HEADWALL TYPE III, 48", 1:4	EACH	9	$15,636.88	$140,731.92
*	JI680102	SLOPED HEADWALL TYPE I, 12"	EACH	1	$4,283.58	$4,283.58
*	JI680103	SLOPED HEADWALL TYPE I, 15"	EACH	1	$4,283.58	$4,283.58
*	JI680104	SLOPED HEADWALL TYPE I, 18"	EACH	1	$4,283.58	$4,283.58
*	JI680120	SLOPED HEADWALL TYPE III, 6", 1:3	EACH	6	$1,014.30	$6,085.80
*	JI680122	SLOPED HEADWALL TYPE III, 15", 1:3	EACH	3	$2,261.84	$6,785.52
*	JI680123	SLOPED HEADWALL TYPE III, 18", 1:3	EACH	2	$2,494.10	$4,988.20
*	JI680125	SLOPED HEADWALL TYPE III, 24", 1:3	EACH	1	$2,055.06	$2,055.06
*	JI680130	SLOPED HEADWALL TYPE III, 6", 1:4	EACH	6	$1,014.30	$6,085.80
*	JI680131	SLOPED HEADWALL TYPE III, 12", 1:4	EACH	3	$2,585.24	$7,755.72

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*	JI680132	SLOPED HEADWALL TYPE III, 15", 1:4	EACH	2	$2,588.18	$5,176.36
*	JI680133	SLOPED HEADWALL TYPE III, 18", 1:4	EACH	1	$3,043.88	$3,043.88
*	JI680135	SLOPED HEADWALL TYPE III, 24", 1:4	EACH	3	$2,840.04	$8,520.12
*	JI680137	SLOPED HEADWALL TYPE III, 30", 1:4	EACH	1	$4,310.04	$4,310.04
*	JI680140	SLOPED HEADWALL TYPE III, 6", 1:6	EACH	4	$1,561.14	$6,244.56
*	JI680141	SLOPED HEADWALL TYPE III, 12", 1:6	EACH	1	$3,013.50	$3,013.50
*	JI680143	SLOPED HEADWALL TYPE III, 18", 1:6	EACH	2	$2,254.00	$4,508.00
*	JI680147	SLOPED HEADWALL TYPE III, 30", 1:6	EACH	1	$5,601.78	$5,601.78
*	JI999443	PRESSURE VALVE INSERT, 20"	EACH	3	$53,553.08	$160,659.24
*	JI999737	PVC WATER MAIN, 8"	FOOT	230	$69.04	$15,879.20
*	JT901075	NON-PRESSURE CONNECTION TO EXISTING WATER MAIN, 36"	EACH	2	$11,791.36	$23,582.72
*	JT901081	VALVE VAULTS, 7' DIAMETER	EACH	3	$5,396.86	$16,190.58

TOTAL AMOUNT OF CORE WORK 4,838,185.38

563 SOUTH ROUTE 53 ADDISON, ILLINOIS 60101 PHONE (630) 495-0015 FAX (630) 495-0442

Vendor Information

CLOSE WINDOW

HELP

Vendor Information

Business Name	**Archon Construction Co., Inc.**
Owner	**Leta Loizzo**
Address > Map This Address	**563 South Route 53** **Addison, IL 60101-4211**
Phone	**630-495-0015 Ext. 109**
Fax	**630-620-1295**
Email	leta@archononline.com
Website	http://www.archononline.com

Certification Information

Certifying Agency	**City of Chicago**
Certification Type	**WBE - Women Business Enterprise**
Certification Date	**2/23/2016**
Renewal/Anniversary Date	**2/28/2017**
Expiration Date	**2/28/2021**
Certified Business Description	**Land subdividing and utility installation (e.g., electric, sewer and water)**

Commodity Codes

Code	Description
NAICS 237210	Land subdividing and utility installation (e.g., electric, sewer and water)

Customer Support

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DEPARTMENT OF PROCUREMENT SERVICES

CITY OF CHICAGO

FEB 2 3 2016

Ms. Leta Loizzo
Archon Construction Co., Inc.
563 South Route 53
Addison, IL 60101

Dear Leta Loizzo:

We are pleased to inform you that **Archon Construction Co., Inc.** has been recertified as a **Women-Owned Business Enterprise ("WBE")** by the City of Chicago ("City"). This WBE certification is valid until **2/28/2021**; however your firm's certification must be revalidated annually. In the past the City has provided you with an annual letter confirming your certification; such letters will no longer be issued. As a consequence, we require you to be even more diligent in filing your **annual No-Change Affidavit 60 days** before your annual anniversary date.

It is now your responsibility to check the City's certification directory and verify your certification status. As a condition of continued certification during the five year period stated above, you must file an annual No-Change Affidavit. Your firm's **annual No-Change Affidavit** is due by **2/28/2017, 2/28/2018, 2/28/2019, and 2/28/2020.** Please remember, you have an affirmative duty to file your **No-Change Affidavit 60 days** prior to the date of expiration. Failure to file your annual No-Change Affidavit may result in the suspension or rescission of your certification.

Your firm's five year certification will expire on **2/28/2021**. You have an affirmative duty to file for recertification **60 days** prior to the date of the five year anniversary date. Therefore, you must file for recertification by **12/28/2020.**

It is important to note that you also have an ongoing affirmative duty to notify the City of any changes in ownership or control of your firm, or any other fact affecting your firm's eligibility for certification **within 10 days** of such change. These changes may include but are not limited to a change of address, change of business structure, change in ownership or ownership structure, change of business operations, gross receipts and or personal net worth that exceed the program threshold. Failure to provide the City with timely notice of such changes may result in the suspension or rescission of your certification. In addition, you may be liable for civil penalties under Chapter 1-22, "False Claims", of the Municipal Code of Chicago.

Please note – you shall be deemed to have had your certification lapse and will be ineligible to participate as a **WBE** if you fail to:

- File your annual No-Change Affidavit within the required time period;
- Provide financial or other records requested pursuant to an audit within the required time period;
- Notify the City of any changes affecting your firm's certification **within 10 days** of such change; or
- File your recertification within the required time period.

Please be reminded of your contractual obligation to cooperate with the City with respect to any reviews, audits or investigation of its contracts and affirmative action programs. We strongly encourage you to assist us in maintaining the integrity of our programs by reporting instances or suspicions of fraud or abuse to the **City's Inspector General at chicagoinspectorgeneral.org, or 866-IG-TIPLINE (866-448-4754).**

Be advised that if you or your firm is found to be involved in certification, bidding and/or contractual fraud or abuse, the City will pursue decertification and debarment. In addition to any other penalty imposed by law, any person who knowingly obtains, or knowingly assists another in obtaining a contract with the City by falsely representing the individual or entity, or the individual or entity assisted is guilty of a misdemeanor, punishable by incarceration in the county jail for a period not to exceed six months, or a fine of not less than $5,000 and not more than $10,000 or both.

Your firm's name will be listed in the City's Directory of Minority and Women-Owned Business Enterprises in the specialty area(s) of:

NAICS Code(s):
237210 – Land Subdividing and Utility Installation

Your firm's participation on City contracts will be credited only toward **Women Business Enterprise** goals in your area(s) specialty. While your participation on City contracts is not limited to your area of specialty, credit toward goals will be given only for work that is self-performed and providing a commercially useful function that is done in the approved specialty category.

Thank you for your interest in the City's Women-Owned Business Enterprise (WBE) Program.

Sincerely,

[redacted]

Rich Butler
First Deputy Procurement Officer

RB/cm

Illinois Tollway — *Illinois State Toll Highway Authority "ISTHA"*

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME	Clausen Structures, Inc.
CIRCLE ALL THAT APPLY:	DBE MBE WBE SBA 8(A)

CHECK ALL THAT APPLY:

PRIME_____ JV PARTNER_____ SUBCONTRACTOR X TRUCKER_____ SUPPLIER_____ MANUFACTURER_____

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): (Y) N	TIER 2 OR BELOW: Y (N)	UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	Rebar Furnish and Install (Partial)			8,008,086.12		
	TOTALS FOR THIS DBE FIRM:			8,008,086.12		

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item #JS671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the participation and can subject the contractor to contract sanctions.

[redacted] Roland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor — Title — Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] President 04/05/2019

Signature for DBE Contractor — Title — Date

Contact: Christina Clausen
Firm Name: Clausen Structures, Inc.
E-mail: Christina@clausenstructures.com
Phone: (630) 257-6969
Address: 1515 Canal Street, Lockport, Il 60441

04/05/2019	F. H. Paschen/ S. N. Nielsen	SUB	Claussen	
11:01 AM	**Rebar - FOB**	PHONE		
Project:	**I-18-4430 - Tri-State Tollway (I-294) Mile Long Bridge**	CONTACT	Diana Shore	
Bid Date:	**Thursday, March 14, 2019 @ 10:30 AM**	MBE / WBE	**DBE**	

LINE	ITEM	DESCRIPTION	Quantity	U / M	F / I	PLUG / BD
670	**50500505**	STUD SHEAR CONNECTORS	36,528	EACH		In Install
680	**50800105**	REINFORCEMENT BARS	932,690	POUND	0.66	615,575
690	**50800205**	REINFORCEMENT BARS, EPOXY COATED	1,930,360	POUND	0.69	1,331,948
700	**50800515**	BAR SPLICERS	412	EACH	16.16	6,658
710	**50800530**	MECHANICAL SPLICERS	1,180	EACH	72.23	85,231
5370	**JT508010**	REINFORCEMENT BARS, STAINLESS STEEL	6,177,850	POUND	2.13	
5380	**JT508020**	BAR SPLICERS, STAINLESS STEEL	1,992	EACH	36.15	
5390	**JT508030**	MECHANICAL SPLICERS, STAINLESS STEEL	1,786	EACH	85.70	
9170	**Misc Adder**	Resteel	1	LS	445027.00	32,706
		Automatic				
		TOTAL LIST VAULE				2,072,119
		Material Supplier - Commercial Metals (CMC) - Rick Kenney (616)914-0650 rick.kenney@cmc.com				
		Incedental				
		North and South Transition Slabs - Epoxy Coated Rebar	195,000	lb	Covered Elsewhere	
		Threaded Stainless Head Anchors	924	EA	29,106.3	
		Accesories for Deck			363,341.2	
		Accesories for Abutments / Peirs			5,557.7	
		Lap Splice Overlength	10,103	lb		14,395
		Retaining wall	4,883			4,638
		Concrete Barrer	10,643			9,046
		Performance Wall / MSE Wall	4,632			4,627
		[redacted]				
		TOTAL ADDER				**32,706**

Christina Clausen - President Clausen Structures, Inc.

04/05/2019	F. H. Paschen/ S. N. Nielsen	SUB				Claussen	
11:07 AM	**Rebar - Install**	PHONE					
Project:	**I-18-4430 - Tri-State Tollway (I-294) Mile Long Bridge**	CONTACT					
Bid Date:	**Thursday, March 14, 2019 @ 10:30 AM**	MBE / WBE				**DBE**	

LINE	ITEM	DESCRIPTION	Quantity	U / M	F / I	PLUG / BD	F / I	PLUG / BD
670	**50500505**	STUD SHEAR CONNECTORS	36,528	EACH		36,528	5.00	182,640
680	**50800105**	REINFORCEMENT BARS	932,690	POUND		900,302	0.59	550,287
690	**50800205**	REINFORCEMENT BARS, EPOXY COATED	1,930,360	POUND		1,570,930	0.59	1,138,912
700	**50800515**	BAR SPLICERS	412	EACH		476	16.00	6,592
710	**50800530**	MECHANICAL SPLICERS	1,180	EACH		1,180	60.00	70,800
5370	**JT508010**	REINFORCEMENT BARS, STAINLESS STEEL	6,177,850	POUND		5,713,360	0.59	3,644,932
5380	**JT508020**	BAR SPLICERS, STAINLESS STEEL	1,992	EACH		1,992	16.00	31,872
5390	**JT508030**	MECHANICAL SPLICERS, STAINLESS STEEL	1,786	EACH		1,786	55.00	98,230
9170	**Misc Adder**	Resteel	1	LS			**********	211,702
		Automatic						
		TOTAL LIST VALUE						5,935,967
		Resteel Adder						
		North and South Transition Slabs - Epoxy Coated Rebar	[redacted]	lb				Covered
		Sonic Testing Tube Install	24,160				8.00	193,280
		Lap Splice Overlength	10,103				0.59	5,961
		Retaining wall	4,883				0.62	3,019
		Concrete Barrer	10,643				0.62	6,580
		Performance Wall / MSE Wall	4,632				0.62	2,864
		[redacted]						
		Total Adder						211,702

Christina Clausen - President Clausen Structures, Inc.
04/12/2019

Illinois Tollway — *Illinois State Toll Highway Authority "ISTHA"*

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME:	Clausen Structures, Inc.
CIRCLE ALL THAT APPLY:	DBE MBE WBE SBA 8(A)

CHECK ALL THAT APPLY:

PRIME _____ JV PARTNER _____ SUBCONTRACTOR X TRUCKER _____ SUPPLIER _____ MANUFACTURER _____

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): Y N	TIER 2 OR BELOW: Y N	UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	Rebar Furnish and Install (Partial)			8,008,086.12		
			TOTALS FOR THIS DBE FIRM:	8,008,086.12		

REVISED

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item 8156T1010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation and can subject the contractor to contract sanctions.

[redacted] Roland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor — Title — Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] President 04/05/2019

Signature for DBE Contractor — Title — Date

Contact: Christina Clausen
Firm Name: Clausen Structures, Inc.
E-mail: Christina@clausenstructures.com
Phone: (630) 257-6969
Address: 1515 Canal Street, Lockport, Il 60441

04/08/2019
03:26 PM

F. H. Paschen/ S. N. Nielsen

Rebar - FOB

Project: I-18-4430 - Tri-State Tollway (I-294) Mile Long Bridge

Bid Date: Thursday, March 14, 2019 @ 10:30 AM

			SUB		Claussen	
			PHONE			
			CONTACT		Diana Shore	
			MBE / WBE		DBE	
LINE	ITEM	DESCRIPTION	Quantity	U / M	F / I	PLUG / BD
670	50500505	STUD SHEAR CONNECTORS	36,528	EACH		In Install
680	50800105	REINFORCEMENT BARS	932,690	POUND	0.66	615,575
690	50800205	REINFORCEMENT BARS, EPOXY COATED	1,930,360	POUND	0.69	1,331,948
700	50800515	BAR SPLICERS	412	EACH	16.16	6,658
710	50800530	MECHANICAL SPLICERS	1,180	EACH	72.23	85,231
5370	JT508010	REINFORCEMENT BARS, STAINLESS STEEL	6,177,850	POUND		Not Listed
5380	JT508020	BAR SPLICERS, STAINLESS STEEL	1,992	EACH		Not Listed
5390	JT508030	MECHANICAL SPLICERS, STAINLESS STEEL	1,786	EACH		Not Listed
9170	Misc Adder	Resteel	1	LS	32706.00	32,706

REVISED

04/08/2019	F. H. Paschen/ S. N. Nielsen	SUB	Claussen
03:16 PM	**Rebar - Install**	PHONE	
Project:	**I-18-4430 - Tri-State Tollway (I-294) Mile Long Bridge**	CONTACT	Diana Shore
Bid Date:	**Thursday, March 14, 2019 @ 10:30 AM**	MBE / WBE	**DBE**

LINE	ITEM	DESCRIPTION	Quantity	U / M	F / I	PLUG / BD
670	**50500505**	STUD SHEAR CONNECTORS	36,528	EACH	5.00	182,640
680	**50800105**	REINFORCEMENT BARS	932,690	POUND	0.59	550,287
690	**50800205**	REINFORCEMENT BARS, EPOXY COATED	1,930,360	POUND	0.59	1,138,912
700	**50800515**	BAR SPLICERS	412	EACH	16.00	6,592
710	**50800530**	MECHANICAL SPLICERS	1,180	EACH	60.00	70,800
5370	**JT508010**	REINFORCEMENT BARS, STAINLESS STEEL	6,177,850	POUND	0.59	3,644,932
5380	**JT508020**	BAR SPLICERS, STAINLESS STEEL	1,992	EACH	16.00	31,872
5390	**JT508030**	MECHANICAL SPLICERS, STAINLESS STEEL	1,786	EACH	55.00	98,230
9170	**Misc Adder**	Resteel	1	LS	**********	211,702

REVISED

Illinois Department of Transportation
Office of Business & Workforce Diversity
2300 South Dirksen Parkway / Springfield, Illinois 62764

January 10, 2018

CERTIFIED-RETURN RECEIPT REQUESTED

Ms. Christina Clausen
Clausen Structures, Inc.
1515 Canal St.
Lockport, IL 60441

Dear Ms. Clausen:

The Illinois Department of Transportation (IDOT) has approved the "No Change Affidavit" for Clausen Structures, Inc., and determined that the firm continues to meet DBE eligibility standards to perform work towards DBE goals.

In order to remain certified and in good standing, you must annually submit a No Change Affidavit. IDOT will send an affidavit form 60 days prior to the firm's next anniversary date.

Should the submitted information change, you are required to notify IDOT's Bureau of Small Business Enterprises (bureau) within 30 days of the change.

Note: Pursuant to 49 CFR Part 26.83(i), whenever there are any change in circumstances affecting your firm's eligibility status, your firm must provide written notification to IDOT within 30 days of the occurrence of the change. If you fail to make timely notification, it may result in the loss of your firm's certification.

If you have any questions, please contact the Bureau of Small Business Enterprises at (217) 782-5490.

Sincerely,

[redacted]

Debra A. Clark, Bureau Chief
Bureau of Small Business Enterprises

Unified Certification Program - Search

Contractor Details

Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Clausen Structures, Inc.
Christina Clausen
1515 Canal St.
Lockport, IL 60441

County: Cook

Email: Christina@clausenstructures.com

Phone: (630) 257-6969

Fax: (630) 257-6965

Categories: Construction

NAICS	Speciality
237310-Highway, Street, & Bridge Construction	237310- STEEL, REINFORCING - REBAR PLACEMENT
238120-Structural Steel & Precast Concrete Construction	STEEL, STRUCTURAL - ERECTION
	STRUCTURAL STEEL & PRECAST BRIDGE BEAM ERECTION
	238120- STEEL, REINFORCING - REBAR PLACEMENT (VERTICAL)

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Version: 1.1.27.5458

CMS

ILLINOIS Bruce Rauner, Governor
DEPARTMENT OF CENTRAL MANAGEMENT SERVICES

July 27, 2015

Christina Clausen
Clausen Structures Inc
42 E Montrose Dr
Romeoville, IL 60446-1344

Certification Term Expires: July 27, 2016

Dear Business Owner: Re: (FBE) Full Certification Approval

Congratulations! We are pleased to inform you that your firm has been granted certification as a Female Business Enterprise (FBE) under the Business Enterprise Program (BEP) for Minorities, Females, and Persons with Disabilities.

Although your full certification is valid for a five-year term until July 27, 2020, you are required to submit an annual Affadavit of No-Change form 60 days prior to the anniversary day of your certification; you will be notified by BEP to update your certification as a condition of continued certification. It is your responsibility to ensure that your firm's certification remains current. In addition, should any changes occur in ownership and/or control of the business or other changes affecting the firm's operations, you are required to notify this office within 14 business days of such changes. Failure to return the annual No-change Affidavit or notify our office of any changes will result in decertification of your firm.

Please be advised, while this certification does not guarantee you will receive a State contract, it does assure your firm the opportunity to participate in the State's procurement process. Your firm's participation on State contracts will be credited only toward Female Business Enterprise (FBE) goals in your area(s) of specialty. Your firm's name will appear in the State's Directory as a certified vendor with the Business Enterprise Program (BEP) in the specialty area(s) of:

METALS, BARS, STEEL
METALS, BARS, CONCRETE REINFORCING

Please visit our website at www.sell2.illinois.gov to obtain information about current and upcoming procurement opportunities, contracts, forms, and also to register to receive email alerts when the State is preparing to purchase a product or service you may provide.

Thank you for your participation in the Business Enterprise Program (BEP). We welcome your participation and wish you continued success.

Sincerel[redacted]

Carlos Gutierrez
Certification Manager
Business Enterprise Program

(L13FBE)

Illinois Tollway — Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	1-18-4430

DBE FIRM NAME:	METROPOLITAN STEEL, INC
CIRCLE ALL THAT APPLY:	DBE (MBE) WBE DBA 8(A)

CHECK ALL THAT APPLY:

PRIME ____ JV PARTNER ____ SUBCONTRACTOR X TRUCKER ____ SUPPLIER ____ MANUFACTURER ____

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): (Y) N	TIER 2 OR BELOW: Y N	UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	SEE ATTACHED QUOTE			$7,600,000.00		$7,600,000.00
			TOTALS FOR THIS DBE FIRM:	$7,600,000.00		$7,600,000.00

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item #X671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount. SEE ATTACHED QUOTE

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a [illegible] and can subject the contractor to contract sanctions.

[redacted] Roland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor — Title — Date

[redacted] PRESIDENT 4/9/2019

Signature for DBE Contractor — Title — Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

Contact: TIM CABALLERO
Firm Name: METROPOLITAN STEEL, INC.
E-mail: tim@metropolitan-steel.com
Phone: 708-474-2072
Address: 1391 E 177TH ST., LANSING, IL 60438

Unified Certification Program - Search

Contractor Details

Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Metropolitan Steel, Inc.
Timothy Caballero
1931 E. 177th St.
Lansing, IL 60438-0000

County: Cook

Email: tim@metropolitan-steel.com

Phone: 708-474-2072

Fax: 708-474-2073

Categories: Construction

NAICS	Speciality
237310 - Bridge construction	NAICS 237310 Bridge construction

© 2017 Illinois Department of Transportation

Version: 1.1.27.5458

METROPOLITAN STEEL

AISC CERTIFIED ERECTOR

MBE/DBE Certified Company

Metropolitan Steel, Inc.
1931 E 177th Street
Lansing, IL 60438
Phone: (708) 474-2072
Fax: (708) 474-2073
www.metropolitan-steel.com

April 9, 2019

Proposal Letter

RE: Roadway and Bridge Construction
Tri-State Tollway I-294
Mile Long Bridge
ISTHA Contract I-18-4430
Pre-Cast Bridge Erection
Cook County, IL

We propose to provide the necessary labor and equipment to erect the steel girders and PPC beams for the above referenced project for a price of **$ 7,600,000.00.**

This proposal is based on the following contract documents:
Conceptual Drawings dated January 29, 2019.

MSI excludes any items not mentioned in this proposal and items listed in, but not limited to, the following exclusions:

EXCLUSIONS:

1. Provisions for any attachment to the existing structure.
2. Staging, lagging or scaffolding under the bridges.
3. Barges, tugs and other marine support necessary for bridge erection.
4. Decking.
5. Anchor bolts, setting plates, grouting, patching, epoxy, cleaning & roughening concrete and/or masonry surfaces.
6. Drilling or coring into concrete. (MSI will install anchor bolts in hole drilled by others).
7. Waterproofing and sealing of any members.
8. Barricades, night lights, flag people, traffic control (including "safety vehicles") and lane closures (includes sidewalks).
9. Street cleaning, truck tire washing, dust control, snow removal, pedestrian protection, protection of existing facilities.
10. Flagmen.
11. All road/street and lane closures.
12. Rebar and embedded steel.
13. Concrete patching
14. Shoring tower stone bases
15. Demolition and removal of existing material other than what is specified in the Bid Items.
16. Any permanent material supply.
17. Fabrication or refabricating in the field.
18. Any shoring, bracing, blocking, cribbing, etc. except what is necessary for MSI work.
19. Touch up paint, cleaning and lead abatement.
20. All cost related to shipping material to the work site, under the hook.
21. Storage or security of materials.
22. Protective shield(s). Supply, installation or removal
23. Refurbished dock or causeways required for MSI erection, including cranes and aerial lifts.
24. All mounting plates, bonding of materials, angles, poles and/or brackets for electrical runs, lighting, etc.

25. Miscellaneous and ornamental steel, guardrails, fencing, handrails, expansion joints, modular joints and light gauge metals not listed in the Bid Items.
26. Removal of backup bars, and plates.
27. All cleaning and other hazardous material removal.
28. Surveys, lines, elevations and field measurements
29. Field testing, inspections, fees, professional engineering and professional surveying.
30. As built drawings.
31. Permits and bonding.
32. Additional insured, liquidated damages, or penalties of any kind..
33. CPM Schedule preparation and submittal.

ADDITIONAL REQUIREMENTS:

1. MSI has included cranes & operators for the installation of the PPC Beams according to the bid documents.
2. **MSI will supply, install and remove the beam supports as shown on Sheet 723. Removals to take place after the deck pour.**
3. **MSI will require four nights of lane closures on Northbound I-294 outside lane for Span 11 PPC Beam erect over the Des Plaines River. PPC Beams to be taken from trucks atop I-294. Cranes will straddle the river within Spans 10 and 12. All access for cranes within Spans 10 and 12, by others. All erect time over Des Plaines to be performed at night.**
4. **All railroad crossings for cranes in Units 5-7 to be provided by others.**
5. **Erection of Spans 25 to 27 will occur at night with partial closures of the ramps provided by others.**
6. **Span 23 will be erected prior to Spans 22 and 24 over the BNSF RR. PPC beams to be taken from I-294 closed outside lane. MSI will require four nights of lane closures on Northbound I-294 outside lane.**
7. **Cranes for LaGrange Road to be placed in the medians and abutments to tandem erect PPC beams.**
8. **MSI estimates a minimum of eight [8] nights to erect LaGrange Road bridges. All erect and partial detailing to be performed at night.**
9. **PPC beams to be taken from trucks on closed lanes of LaGrange Road.**
10. **All necessary road improvements will be adequate to marshal equipment and material to point of erection.**
11. Protective shield(s), if required, to be provided and installed by others before detailing work begins. No charge to MSI.
12. MSI will provide erection procedures for the bridge; stamped by an engineer licensed in the State of Illinois.
13. Others to layout centerlines piers for bearings/pads; to be installed by MSI.
14. Others to provide elevations for shimming bearings/pads to proper height.
15. Bolt tightening to be by the turn of nut method. DTI washers will not be used.
16. Plates, bars, angles (connection or other), wt's, etc., to be shop attached to members if possible. If there is any question as to what is to be shop attached (bolted or welded), contact MSI.
17. **Bid based on crane access to the structures; ramps, and grade crossings, if required, to be provided by others at no cost to MSI. Crane path is along the entire North side of the bridge.**
18. MSI will provide crane mats for the outriggers of the cranes and be responsible for the crane from the bottom of the mats up. All other support/fill required for the crane path will be by others.
19. Crane lifts for others to be added additional costs.
20. Materials to be delivered in sequences established by MSI.
21. Delivery will be such that MSI shall be able to maintain a continuous operation after MSI begins. MSI shall not be forced to start erection until MSI has assurance of a future rate of delivery commensurate with MSI rate of erection.
22. Project is tax exempt.
23. MSI will be responsible for maintaining the MSI schedule, but will not bear the cost of acceleration required as a result of conditions beyond MSI's control.
24. Schedule of delivery of the materials shall meet with MSI approval, but MSI will accept no responsibility for delivery vehicle demurrage or standby expenses incurred due to weather, late arrival, or other reasons beyond MSI control for which MSI may not be able to unload the material.
25. Schedule will be maintained based upon timely receipt of a continuous flow of materials to the hook in a manner, orientation and sequence required by MSI. **Final schedule to be based on contract negotiations.**
26. All connections not shown will be considered field bolted.
27. Pricing based on wage rates in effect until May 31, 2020. Commensurate adjustment to contract value to be allowed for work performed after new wage rates take effect.

28. Piers, footings and sub-grade walls that are in the crane path must be back filled and covered by others prior to the start of erection. Filling and coverage must support MSI crane(s) without damaging the buried item.
29. General Contractor to provide ALL coordination with FAA, US Army Corp of Engineers, CDOT, IDOT, Illinois State Police and other pertinent agencies regarding lane, road and waterway closures/coordination. This is to be done at NO COST to MSI.

MSI will supply crane for MSI work. General Contractor will provide and maintain adequate access roads into and through the site for safe delivery of cranes, material and equipment. MSI will not be responsible for protection of any underground or overhead utilities and tunnels.
General Contractor will afford the Erector a firm, properly graded, drained, convenient, and adequate space at site for safe operation of his equipment. All temporary/permanent crossings provided by others.
General Contractor will provide a safe working place for the erection of members including but not limited to the relocation/shutdown of all overhead power and telephone lines.
Any and all protection for other trades, workers, project personnel and the general public will be the sole responsibility of and will be provided by the General Contractor.

Bid Items; Provided All Items Awarded to MSI:

	Item	Description	Unit	Quantity	Unit Price	Total
☐ ★	52100520	Anchor Bolts, 1"	EACH	952	$ 62.00	$ 59,024.00
☐ ★	52100540	Anchor Bolts, 1 1/2"	EACH	44	$ 74.00	$ 3,256.00
☐ ★	X5210130	HLMR Bearings, Guided Expansion, 300K	EACH	8	$ 620.00	$ 4,960.00
☐	X5210140	HLMR Bearings, Guided Expansion, 350K	EACH	49	$ 620.00	$ 30,380.00
☐	X5210150	HLMR Bearings, Guided Expansion, 400K	EACH	84	$ 620.00	$ 52,080.00
☐ ★	X5210160	HLMR Bearings, Guided Expansion, 450K	EACH	41	$ 620.00	$ 25,420.00
☐ ★	X5210790	HLMR Bearings, Non-Guided Expansion, 300K	EACH	4	$ 620.00	$ 2,480.00
☐	JI521822	HLMR Bearings, Non-Guided Expansion, 350K	EACH	22	$ 620.00	$ 13,640.00
☐	JI521824	HLMR Bearings, Non-Guided Expansion, 400K	EACH	20	$ 620.00	$ 12,400.00
☐ ★	JI521826	HLMR Bearings, Non-Guided Expansion, 450K	EACH	10	$ 620.00	$ 6,200.00
☐ ★	JI505231	Erecting Structural Steel No. 1	L SUM	1	$ 640,320.14	$ 640,320.14
☐	JI505232	Erecting Structural Steel No. 2	L SUM	1	$ 17,225.00	$ 17,225.00
☐	JI505233	Erecting Structural Steel No. 3	L SUM	1	$ 84,909.00	$ 84,909.00
☐	JI505234	Erecting Structural Steel No. 4	L SUM	1	$ 78,500.00	$ 78,500.00
☐	JI504810	Erect PPC Wide Flange Beams, 72", 8.5 KSI	FOOT	7,643	$ 168.19	$ 1,285,476.17
☐	JI504812	Erect PPC Wide Flange Beams, 84", 8.5 KSI	FOOT	6,021	$ 206.97	$ 1,246,166.37
☐	JI504814	Erect PPC Wide Flange Beams, 90", 8.5 KSI	FOOT	19,229	$ 163.71	$ 3,147,979.59
☐	JI504816	Erect PPC Wide Flange Beams, 90", 10.0 KSI	FOOT	9,123	$ 97.51	$ 889,583.73
					Total	**$ 7,600,000.00**

☐ PARTIAL PAM ITEMS - INSTALL/ERECTION ONLY
★ PARTIAL PAM ITEMS

52100520 - INSTALL ONLY FOR PRECAST SECTIONS
52100540 - INSTALL ONLY FOR PRECAST SECTIONS
X5210130 - INSTALL ONLY FOR PRECAST SECTIONS
X5210160 - INSTALL ONLY FOR PRECAST SECTIONS
X5210790 - INSTALL ONLY FOR PRECAST SECTIONS
JI521826 - INSTALL ONLY FOR PRECAST SECTIONS
JI505231 - INSTALL ONLY FOR PRECAST SECTIONS

Sincerely,

Alex Mitchell

Metropolitan Steel Incorporated
Alex Mitchell
Estimator/Project Manager
cc: File

DEPARTMENT OF PROCUREMENT SERVICES

CITY OF CHICAGO

APR 12 2018

Timothy Caballero
Metropolitan Steel, Inc.
1931 E. 177th St.
Lansing, IL 60438

Dear Timothy Caballero:

The City of Chicago has reviewed your annual *No Change Affidavit* and supporting documentation and is pleased to inform you that your firm **Metropolitan Steel, Inc.** continues to meet the **Disadvantaged Business Enterprise ("DBE")** program certification eligibility standards set forth in 49 CFR Part 26. Your next No Change Affidavit is due **June 1, 2019**.

This certification allows your firm to participate as a **DBE** in the Illinois Unified Certification Program (IL UCP). The participating agencies include the Illinois Department of Transportation, the City of Chicago, the Chicago Transit Authority, Metra and Pace.

If there is any change in circumstances during the course of your certification period that affect your ability to meet size, disadvantaged status, ownership, or control requirements or any material change in the information provided in your initial application, you must provide written notification to this agency within **thirty (30) days** of the occurrence of the change. Failure to provide this information is a ground for denial of certification based on failure to cooperate pursuant to 49 CFR 26.109(c).

Your firm's name will appear in the IL UCP DBE Directory under the following category name(s):

NAICS Code(s)
237310- Bridge Construction

The Directory is used by prime contractors/consultants, as well as other agencies, to solicit participation of DBE, and ACDBE firms. The Directory can be accessed on the Internet at https://webapps.dot.illinois.gov/UCP/ExternalSearch.

APR 12 2018

Your participation on contracts will only be credited toward **DBE** contract goals when you perform in your firm's approved area(s) of specialty. Credit for participation in an area outside your specialty requires prior approval (verification of resources, expertise, and corresponding support documentation, etc.).

Sincerely,

[redacted]

Rich Butler
First Deputy Procurement Officer

RB/fn

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2/2

CONTRACT #	I18-4430

SUBCONTRACTOR FIRM NAME	Royal Crane SERVICE, INC
CHECK ALL THAT APPLY	(DBE) (MBE) WBE SBA 8(A)

CHECK ALL THAT APPLY:

PRIME _____ JV PARTNER _____ SUBCONTRACTOR X TRUCKER _____ SUPPLIER _____ MANUFACTURER _____

SUBCONTRACTOR: TIER 1 (SUB TO PRIME): Y (N) TIER 2 OR BELOW: (Y) N UNDER CONTRACT TO: Danny's Construction Co LLC

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan.
Attach this form to the DBE Utilization Plan form, DBE Form 2026. If additional space is needed, complete an additional form(s) for the firm or attach a spreadsheet on DBE FIRM letterhead.

PAY ITEM NO	DESCRIPTION - Indicate whether furnish only or both furnish and install	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (Reduce to 60% of contract amount if firm is a SUPPLIER)
JI505231	F&E Structural Steel No. 1 - PARTIAL	Lump Sum	$1,350,000 -	$1,350,000 -		$1,350,000.00
			TOTALS FOR THIS DBE FIRM:	$1,350,000 -		$1,350,000.00

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items and/or Mobilization Item #JS671010, will not be approved within the DBE Utilization Plan for DBE subcontractors but credit may be allowed if performed as part of specific pay item(s) during contract execution. Reference Sections II, VI.A.2 and VI.B.1 of the Special provision for DBE Participation. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amoun JI505231 - HOISTING SERVICES ONLY

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. **The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE** no later than three business days from the data the Prime Contractor becomes aware of the circumstances supporting the request. **Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE** [redacted] contract sanctions.

[redacted] ROLAND SCHNEIDER, AGENT 4/4/19

Signature for Prime Contractor — Title

Date: 4/4/19

Contact: ROLAND SCHNEIDER

Phone: 773-444-3474

Firm Name F.H. PASCHEN, S.N. NIELSEN & ASSOCIATES LLC

Address: 5515 N. EAST RIVER ROAD CHICAGO, ILLINOIS 60656

[redacted] President

Signature for DBE Contractor — Title

Date: 4/4/19

Contact: John Moorcotch Jr.

Phone: (708) 974-0832

Firm Name Royal Crane Service, Inc.

Address: 3550 W. 155TH ST MARKHAM, IL 60428

ISTHA_DBE Form 2025_FILLABLE_ 083 12015

CONTRACT # I-18-4430

Unified Certification Program - Search

Contractor Details

Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Royal Crane Service, Inc.
John H. Mooncotch, Jr.
3950 W. 155th Street
Markham, IL 60428-0000

Email: johnm@royalcrane.us
Phone: 708-974-0832
Fax: 708-974-0865

County: Cook

Categories: Construction, Trucking

NAICS	Speciality
238990 - All Other Specialty Trade Contractors	238990 - Crane Rental Service With Operators
484220 - Specialized Freight (except Used Goods) Trucking, Local	484220 - Dump Truck Hauling
532412 - Construction, Mining, and Forestry Machinery and Equipment Rental and Leasing	532412 - Crane Rental Service Without Operators

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Version: 1.1.27.5458

Metra

547 W. Jackson Boulevard, Chicago, IL 60661 312.322.6900 metrarail.com

April 1, 2019

John H. Mooncotch, Jr.
Royal Crane Service, Inc.
3950 W. 155th Street
Markham, IL 60428

Dear Mr. Mooncotch, Jr.:

Your firm is currently certified as a Disadvantaged Business Enterprise (DBE) with the Illinois Unified Certification Program (IL UCP), as provided under 49 CFR Part 26.83(j). Our records indicate your firm's Annual No Change Affidavit is due **June 1, 2019**. As a condition of certification your firm must provide an Annual No Change Affidavit to its host agency. The enclosed Annual No Change Affidavit must be completed and returned with the required supporting documentation to the address below within **sixty (60) calendar days** of the date of this letter.

Janice R. Thomas, Senior Division Director
Office of Business Diversity & Community Relations
547 W. Jackson Boulevard, 10th Floor East
Chicago, IL 60661-5717

Failure to provide this information is a ground for removal of certification based on failure to cooperate pursuant to 49 CFR Part 26.109(c).

If you need assistance, please call Michele Sutton, Senior DBE Certification Specialist, at (312) 322-6328.

Sincerely,

[redacted]

Janice R. Thomas, CPPB
Senior Division Director
Office of Business Diversity & Community Relations

JRT:(ROYAL CRANE SERVICE, INC.)

Metra is the registered service mark for the Northeast Illinois Regional Commuter Railroad Corporation.

Illinois Tollway — **Illinois State Toll Highway Authority "ISTHA"**

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME:	Marking Specialists Corporation
CIRCLE ALL THAT APPLY:	(DBE) MBE WBE SBA 8(A)

CHECK ALL THAT APPLY:

PRIME _____ JV PARTNER _____ SUBCONTRACTOR X TRUCKER _____ SUPPLIER _____ MANUFACTURER _____

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): (Y) N	TIER 2 OR BELOW: Y N	UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	See attached quote # Q27573	1 LS	$83,845.40	$83,845.40		
	TOTALS FOR THIS DBE FIRM:			$83,845.40		

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #JS671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. **The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a [redacted] participation and can subject the contractor to contract sanction[redacted]**

[redacted] Roland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor — Title — Date

Contact: Roland Schneider
Firm Name: E.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] Executive Vice-President 4/9/19

Signature for DBE Contractor — Title — Date

Contact: Judith M Aeszck
Firm Name: Marking Specialists Corporation
E-mail: judy@markingspecialists.net
Phone: 847-462-0799
Address: 114 High Road - Unit 1, Cary IL 60013

MARKING SPECIALISTS CORP.

Marking Specialists Corporation
114 High Road, Unit 1
Cary, IL 60013

Voice: 847-462-0799
Fax: 847-462-0929
Email: judy@markingspecialists.net

Quotation

Quote No.: Q27573
Quote Date: 04/02/2019
Item No.:
Contract No.: I-18-4430
Bid Date: 04/05/2019
Complete By: 11/25/2020

F.H. Paschen, S.N. Nielsen Inc
5515 N. East River Road
Chicago IL 60656

County: VARIOUS
Section:
Description: ROADWAY AND BRIDGE RECONSTRUCTION ON I-294 - MP 20.7 TO MP 22.3 - ISTHA - 18% DBE

Gentlemen:

We propose to furnish all necessary labor, material, tools and equipment to complete the following work according to plans and specifications:

Item No.	Description	UM	Quantity	Price/Unit	Total
78005100	EPOXY PVT MK LTR-SYM	SF	83.00	10.0000	$830.00
78005110	EPOXY PVT MK LINE 4	FT	143,130.00	0.5800	$83,015.40
				BidTotal:	**$83,845.40**

This project has a DBE requirement of 18 %

These prices are firm for a period of sixty (60) days from the date of the contract award. Other materials, if required, will be priced separately. Permanent pavement marking is expected to be completed with one mobilization. Additional mobilizations will cost $2,000.00 each. Lane closures, if required, are the responsibility of the prime contractor. Unless stated otherwise, prices do not include costs for bonds, special insurance or permits.

We thank you for the opportunity to quote on this work and hope we will be favored with your order.

Very Truly Yours,

[redacted]

Judith M. Peszek, Chief Estimator
Marking Specialists Corporation

I.D.O.T. Certified DBE C.D.O.T. Certified DBE & MBE Cook County Certified MBE

METRA Certified DBE City of Rockford MBE

An Equal Opportunity Employer

Additional Notes:

Unified Certification Program - Search

Contractor Details Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Marking Specialists Corporation
Alfredo Zavala
P. O. Box 745
Arlington Heights, IL
60006

County: Cook

Email: bob@markingspecialists.net

Phone: (847) 253-7349

Fax: (847) 253-0096

Categories: Construction

NAICS	Speciality
237310-Highway, Street, & Bridge Construction	237310- MISC: REFLECTIVE MARKER INSTALLATION PAVEMENT MARKING: REMOVAL PAVEMENT MARKING: GROOVED RECESSED PAVEMENT MARKING: MODIFIED URETHANE MISC: PREFORMED PLASTIC PAVEMENT MARKING PAVEMENT MARKING: POLYUREA PAVEMENT MARKING: EPOXY PAVEMENT MARKING: THERMOPLASTIC HAND PAVEMENT MARKING: PAINT PAVEMENT MARKERS RAISED

Illinois Tollway — **Illinois State Toll Highway Authority "ISTHA"**

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME:	Everlights, Inc
CIRCLE ALL THAT APPLY:	(DBE) MBE WBE SBA 8(A)

CHECK ALL THAT APPLY:

PRIME ____ JV PARTNER ____ SUBCONTRACTOR ____ TRUCKER ____ SUPPLIER X MANUFACTURER ____

SUBCONTRACTOR: TIER 1 (SUB TO PRIME): Y (N) TIER 2 OR BELOW: (Y) N UNDER CONTRACT TO: John Burns Construction

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	See Attached				✓	
	TOTALS FOR THIS DBE FIRM:			$1,317,002.78		790,201.62

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item 81S671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a [redacted] and can subject the contractor to contract sanctions.

[redacted] Roland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor — Title — Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] CFO CFO 4/4/2019

Signature for DBE Contractor — Title — Date

Contact: Keri Caduto
Firm Name: Everlights Inc,
E-mail: kcaduto@everlights.com
Phone: 773-734-9873
Address: 1105 Stevenson Ct #104E Roselle, IL 60172

Unified Certification Program - Search

Contractor Details Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Everlights, Inc.
Kelly Gallagher
1900 Greenwood Street,
Unit 8
Evanston, IL 60201

County: Cook

Email: kgallagher@everlights.com

Phone: 773-734-9873

Fax: 773-734-9874

Categories: Miscellaneous, Supplier

NAICS	Speciality
NAICS Code: 562111 Solid Waste Collection	NAICS Code: 562111 Specialty: Recyclable material collection services and Recyclable material hauling
NAICS Code: 423610 Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers (STOCKING)	NAICS Code: 423610 Specialty: Light bulbs merchant wholesalers and Lighting fixtures, electric, merchant wholesalers (STOCKING)

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Version: 1.1.27.5458

Date: Apr 4, 2019 Quote: EVERLIGHTS19-6961-2

Quote

EverLights

EVERLIGHTS
1105 STEVENSON CT.
Roselle IL 60172
Phone: (773) 734-9873
Fax:
From: JUAN PADILLA
Quoter Ph: (773) 734-9873
email: JPADILLA@EVERLIGHTS.COM

Project **I-18-4430 MILE LONG BRIDGE ON I-294 -**
Location
Quote EVERLIGHTS19-6961-2

To: MATT TESCHKE
EMail: mteschke@jbconstructionco.com

For
Bid Date Apr 4, 2019
Expires May 4, 2019

QTY	Type	MFG	Part	Price	UQ	ExtPrice
63		ILLINOIS PAY I	JI811276 CONDUIT ATTACHED TO STRUCTURE, 2" DIA., STAINLESS STEEL	$35.00	E	$2,205.00
6,240		ILLINOIS PAY I	JS816076 UNIT DUCT, WITH 4-1/C NO. 2 AND 1/C NO. 4 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	$5.70	E	$35,568.00
768		ILLINOIS PAY I	JT160000 CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ATTACHED TO STRUCTURE, 4" DIA, RIGID NONMETALLIC	$29.00	E	$22,272.00
21,300		ILLINOIS PAY I	JT160006 CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ATTACHED TO STRUCTURE, 8" DIA, RIGID NONMETALLIC	$52.20	E	$1,111,860.00
640		ILLINOIS PAY I	JT160028 CONDUIT FOR SINGLE MODE FIBER OPTIC CABLE, ENCASED IN CONCRETE, 10" DIA, RIGID NONMETALLIC	$11.70	E	$7,488.00
35,643		ILLINOIS PAY I	JT810871 UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, RIBBED, 1 1/2" DIA.	$0.30	E	$10,692.90
3,746		ILLINOIS PAY I	JT810876 UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 2" DIA.	$0.80	E	$2,996.80
2,020		ILLINOIS PAY I	JT810878 UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 3" DIA.	$1.50	E	$3,030.00
3,713		ILLINOIS PAY I	JT810879 UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 4" DIA.	$5.00	E	$18,565.00
6,805		ILLINOIS PAY I	JT810881 UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 6" DIA.	$6.00	E	$40,830.00
2,631		ILLINOIS PAY I	JT810900 DUCT PACKAGE, CONDUIT ENCASED, CONCRETE, 1-1/2" DIA., 24 COUNT	$9.00	E	$23,679.00

EverLights

EVERLIGHTS
1105 STEVENSON CT.
Roselle IL 60172
Phone: (773) 734-9873
Fax:
From: JUAN PADILLA
Quoter Ph: (773) 734-9873
email: JPADILLA@EVERLIGHTS.COM

Project **I-18-4430 MILE LONG BRIDGE ON I-294 -**
Location
Quote EVERLIGHTS19-6961-2

QTY	Type	MFG	Part	Price	UQ	ExtPrice
1,696		ILLINOIS PAY I	JT810910 DUCT PACKAGE, CONDUIT ENCASED, CONCRETE, 4" DIA., 2 COUNT	$10.00	E	$16,960.00
4		ILLINOIS PAY I	JT813010 JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE (SPECIAL), 32" X 12" X 8"	$789.00	E	$3,156.00
21		ILLINOIS PAY I	JT813014 JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 6"	$500.00	E	$10,500.00
4		ILLINOIS PAY I	JT813015 JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 42" X 36" X 16"	$1,800.00	E	$7,200.00
			Total:			**$1,317,002.70**

LAMPS

Qty per Fixture	Total Lamps	Type	MFG	Part

Mfg Terms:	Freight Allowance	Minimum Order	Total
ILLINOI ILLINOIS PAY ITEM LIST	Plus Freight		$1,317,002.70

Material @ 60%: $790,201.62

pace
Connecting Communities

Thomas J. Ross
Executive Director

May 3, 2018

Kelly Gallagher
Everlights, Inc.
1900 Greenwood Street, Unit 8
Evanston, IL 60201

Dear Ms. Gallagher:

Pace, has reviewed your annual No Change Affidavit and supporting documentation and is pleased to inform you that your firm continues to meet the Disadvantaged Business Enterprise (DBE) program certification eligibility standards set forth in 49 CFR Part 26.61. Your next No Change Affidavit is due **May 1, 2019**. Notification will be sent to you sixty (60) days prior to this date.

This certification allows your firm to participate as a DBE in the Illinois Unified Certification Program (IL UCP). The participating agencies include the Illinois Department of Transportation, the City of Chicago, the Chicago Transit Authority, Metra and Pace.

If there is any change in circumstances that affect your ability to meet size standards, disadvantaged status, ownership, or control requirements or any material change in the information provided in your initial application, you must provide written notification to this agency within thirty (30) days of the occurrence of the change. Failure to provide this information is a ground for denial of certification based on failure to cooperate pursuant to 49 CFR 26.109(c).

The Directory is used by prime contractors/consultants, as well as other agencies, to solicit participation of DBE firms. The Directory can be accessed on the Internet at www.pacebus.com. Your firm's name will appear in the IL UCP DBE Directory under the following category name(s):

- NAICS Code 562111 Solid Waste Collection specifically Recyclable material collection services and Recyclable material hauling;

- NAICS Code 423610 Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers specifically Light bulbs merchant wholesalers and Lighting fixtures, electric, merchant wholesalers (STOCKING)

Your participation on contracts will only be credited toward DBE contract goals when you perform in your firm's approved area(s) of specialty. Credit for participation in an area outside your specialty requires prior approval (verification of resources, expertise, and corresponding support documentation, etc.).

Sincerely,

[redacted]

Donald Mayes
DBE Liaison Officer

Illinois Tollway — *Illinois State Toll Highway Authority "ISTHA"*

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME:	LYONS VIEW MANUFACTURER & SUPPLY, INC.
CIRCLE ALL THAT APPLY:	(DBE) MBE WBE SBA 8(A)

CHECK ALL THAT APPLY:

PRIME _____ JV PARTNER _____ SUBCONTRACTOR _____ TRUCKER _____ SUPPLIER X MANUFACTURER _____

SUBCONTRACTOR: TIER 1 (SUB TO PRIME): Y (N) TIER 2 OR BELOW: (Y) N UNDER CONTRACT TO: John Barnes Construction

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	See Attached				✓	
	TOTALS FOR THIS DBE FIRM:			$144,092.00	✓	86455.20

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #JS671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a [redacted] pation and can subject the contractor to contract sanctions.

[redacted] oland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor — Title — Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] RESIDENT 4-3-19

Signature for DBE Contractor — Title — Date

Contact: JOSHUA S. DAVIS
Firm Name: LYONS VIEW MANUFACTURER & SUPPLY, INC.
E-mail: JDAVIS@THEWILLGROUP.COM
Phone: 773-669-7721
Address: 5261 W HARRISON ST CHICAGO, IL 60644

Unified Certification Program - Search

Contractor Details

Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Lyons View Manufacturer & Supply Inc.
Joshua Davis
5261 West Harrison St.
Chicago, IL 60644-0000

County: Cook

Email: jdavis@lyonsviewmfg.com

Phone: 773-669-7721

Fax: 773-000-0000

Categories: Manufacturing, Supplier

NAICS	Speciality
335129 - Other Lighting Equipment Manufacturing	NAICS 335129 Other Lighting Equipment Manufacturing
423610 - Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers	NAICS 423610 Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers

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Version: 1.1.27.5458

Certified Profile

CLOSE WINDOW

Print

Business & Contact Information

BUSINESS NAME	**Lyons View Manufacturer & Supply Inc.**
OWNER	**Mr. Joshua Davis**
ADDRESS	**5261 West Harrison St.** **Chicago, IL 60644** Map This Address
PHONE	**773-669-7721**
FAX	**773-000-0000**
EMAIL	**jdavis@lyonsviewmfg.com**

Certification Information

CERTIFYING AGENCY	**City of Chicago**
CERTIFICATION TYPE	**DBE - Disadvantaged Business Enterprise**
CERTIFICATION DATE	**4/12/2018**
RENEWAL DATE	**5/1/2019**
EXPIRATION DATE	**5/1/2019**
CERTIFIED BUSINESS DESCRIPTION	**NAICS 335129 Other Lighting Equipment Manufacturing** **NAICS 423610 Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers**

Commodity Codes

Code	Description
NAICS 335129	Other Lighting Equipment Manufacturing
NAICS 423610	Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers

Additional Information

WARD	**29**

Date: Apr 8, 2019

Quote: LV19-7057-4

Quote

5261 W. Harrison Street
Chicago IL 60644
Phone:
Fax:
From: Kerry Hayden
Quoter Ph: 630-462-0230 x. 26
Email: khayden@thewillgroup.com

Project I-18-4430 I294 Mile Long Bridge Reconst - I-18-4430 I294 Mile Long Bridge Reconst - I-18-4430 I294 Mile Long Bridge Reconst JB
Location
Quote LV19-7057-4

To: Matt Teschke
John Burns Construction
17601 Southwest Highway
Orland Park IL 60467
Phone: (708) 326-3500
Fax: (708) 326-3599
EMail: mteschke@jbconstructionco.com

For
Bid Date Apr 8, 2019
Expires May 8, 2019

QTY	Type	MFG	Part	Price	UQ	ExtPrice
18		GELU	UNDERPASS LUMINAIRE (SPECIAL) - LED	$755.00		$13,590.00
34		VADT	15 FT., MAST ARM (ONLY) F/ WOOD POLE	$445.00		$15,130.00
68		GELD	TEMPORARY LUMINAIRE, LED, HIGH MAST, HORIZONTAL MOUNT	$1,429.00		$97,172.00
2		GELD	LUMINAIRE TESTING	$1,950.00		$3,900.00
4	JS821110	GELU	UNDERPASS LUMINAIRE, LED	$758.00		$3,032.00
1	JT830054	VSDT	GROUND MOUNTED LIGHT POLE, GALVANIZED STEEL, 60 FT., WITHOUT MAST ARM	$11,268.00		$11,268.00

Total: **$144,092.00**

Total @ 60%: $86,455.20

Notes:
With regards to the material we have quoted on Contract I-18-4430

Standard lead times after approval and release:
- Aluminum Poles - 12 Weeks
- Luminaires - 10 Weeks
- Steel Poles - 20 Weeks

DEPARTMENT OF PROCUREMENT SERVICES

CITY OF CHICAGO

MAY 21 2018

Joshua S. Davis
Lyons View Manufacturer & Supply, Inc.
5261 West Harrison Street
Chicago, IL 60644

Dear Joshua S. Davis: **Revised**

The City of Chicago has reviewed your annual *No Change Affidavit* and supporting documentation and is pleased to inform you that your firm, **Lyons View Manufacturer & Supply, Inc.**, continues to meet the **Disadvantaged Business Enterprise ("DBE")** certification program eligibility standards set forth in 49 CFR Part 26. Your next No Change Affidavit is due **April 1, 2019.**

This certification allows your firm to participate as a DBE in the Illinois Unified Certification Program (IL UCP). The participating agencies include the City of Chicago, Illinois Department of Transportation, the Chicago Transit Authority, Metra and Pace.

If there is any change in circumstances during the course of your certification period that affect your ability to meet size, disadvantaged status, ownership, or control requirements or any material change in the information provided in your initial application, you must provide written notification to this agency within **thirty (30) days** of the occurrence of the change. Failure to provide this information is a ground for denial of certification based on failure to cooperate pursuant to 49 CFR 26.109(c).

Your firm's name will appear in the IL UCP DBE Directory under the following category name(s):

NAICS Code(s):
335129 – Other Lighting Equipment Manufacturing
423610 – Electrical Apparatus/Equipment/Wiring Supplies Wholesalers

The Directory is used by prime contractors/consultants, as well as other agencies, to solicit participation of DBE, and ACDBE firms. The Directory can be accessed on the Internet at https://webapps.dot.illinois.gov/UCP/ExternalSearch.

Your participation on contracts will only be credited toward **DBE** contract goals when you perform in your firm's approved area(s) of specialty. Credit for participation in an area outside your specialty requires prior approval (verification of resources, expertise, and corresponding support documentation, etc.).

Sincerely,

[redacted]

Rich Butler
First Deputy Procurement Officer

RB/em

Illinois Tollway — *Illinois State Toll Highway Authority "ISTHA"*

DBE FORM 2025 – DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME	La Grange Crane Service, Inc.
CIRCLE ALL THAT APPLY:	(DBE) MBE WBE SBA 8(A)

CHECK ALL THAT APPLY:

PRIME _____ JV PARTNER _____ SUBCONTRACTOR X TRUCKER _____ SUPPLIER _____ MANUFACTURER _____

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): Y (N)	TIER 2 OR BELOW: (Y) N	UNDER CONTRACT TO: John Burns Construction

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	See Attached					
	TOTALS FOR THIS DBE FIRM:			$56,800.00		

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #US671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount. NAICS 238990 - Crane service with operator. $56,800.00

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. **The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Contract [illegible] and can subject the contractor to contract sanctions.**

[redacted] oland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor — Title — Date

Contact: Roland Schneider
Firm Name: E.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] President 4/4/2019

Signature for DBE Contractor — Title — Date

Contact: Judith A. Mooncotch
Firm Name: La Grange Crane Service, Inc.
E-mail: judijr@lagrangecrane.com
Phone: 708-354-3510
Address: 6180 River Road, Hodgkins, IL 60525

Unified Certification Program - Search

Contractor Details

Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

La Grange Crane Service, Inc.
Judith A. Mooncotch
6180 River Rd.
Hodgkins, IL 60525-4278

County: Cook

Email: judijr@lagrangecrane.com

Phone: (708) 354-3510

Fax: (708) 354-4221

Categories: Miscellaneous

NAICS	Speciality
238990-All Other Specialty Trade Contractors	238990- MISC: CRANE RENTAL WITH OPERATORS

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DBE PARTICIPATION - LAGRANGE CRANE SERVICE

PAY ITEM	*DESCRIPTION*	*QUANTITY*	*UNIT PRICE*	*TOTAL*
VARIOUS	CRANE SERVICES FOR ELECTRICAL WORK - 40 TON CRANE DAILY RATE	104	$250.00	$26,000.00
VARIOUS	CRANE SERVICES FOR ELECTRICAL WORK - 40 TON CRANE DAILY RATE (PREMIUM)	88	$350.00	$30,800.00
			TOTAL:	$56,800.00

6180 N. RIVER ROAD
HODGKINS, IL 60525
PHONE 708.354.3510
FAX 708.354.3452

CERTIFIED WBE • DBE • FBE
WWW.LAGRANGECRANE.COM

Account Information

Quote Name	Mile Long Bridge	Contact Name	Matt Teschke
Account Name	John Burns Construction	Email	mteschke@jbconstructionco.com
Bill To	17601 Southwest Highway Orland Park, IL 60467	Phone	(708) 326-3475
		Mobile	(708) 670-1796
Project Date	4/5/2019		

Project Information

Prepared By	Jeff Hejna	Project Address	Hodgkins, IL 60525
Email	jeff@lagrangecrane.com	How Far In	multi
Phone	(708) 354-3510	How Far Away	multi
Mobile	+1 7086069525	How High Up	multi
		How Heavy	multi

Project Details

LaGrange Crane will supply operated crane to assist in setting wood poles for temporary cable during erection of I294 mile long bridge.

Product	Line Item Description	Quantity	Sales Price	Total Price
40 Ton Crane	Daily Rate	8.00	$250.00	$0.00
40 Ton Crane - Premium	Daily Rate (premium)	8.00	$350.00	$0.00
40 Ton Crane - Travel Permit	Good for 7 days	1.00	$200.00	$0.00
50 Ton Crane	Daily Rate	8.00	$375.00	$0.00
50 Ton Crane - Premium	Daily Rate	8.00	$500.00	$0.00
50 Ton Crane - Travel Permit	Good for 5 days	1.00	$600.00	$0.00

Estimated Total $0.00

Illinois Department of Transportation
Office of Business & Workforce Diversity
2300 South Dirksen Parkway / Springfield, Illinois 62764

May 4, 2018

CERTIFIED-RETURN RECEIPT REQUESTED

Ms. Judith A. Mooncotch
LaGrange Crane Service, Inc.
6180 River Rd.
Hodgkins, IL 60525

Dear Ms. Mooncotch:

The Illinois Department of Transportation (IDOT) has approved the "No Change Affidavit" for LaGrange Crane Service, Inc., and determined that the firm continues to meet DBE eligibility standards to perform work towards DBE goals.

In order to remain certified and in good standing, you must annually submit a No Change Affidavit. IDOT will send an affidavit form 60 days prior to the firm's next anniversary date.

Should the submitted information change, you are required to notify IDOT's Bureau of Small Business Enterprises (bureau) within 30 days of the change.

Note: Pursuant to 49 CFR Part 26.83(i), whenever there are any change in circumstances affecting your firm's eligibility status, your firm must provide written notification to IDOT within 30 days of the occurrence of the change. If you fail to make timely notification, it may result in the loss of your firm's certification.

If you have any questions, please contact the Bureau of Small Business Enterprises at (217) 782-5490.

Sincerely,

[redacted]

Debra A. Clark, Bureau Chief
Bureau of Small Business Enterprises

Illinois Tollway — *Illinois State Toll Highway Authority "ISTHA"*

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME:	Midco Electric Supply
CIRCLE ALL THAT APPLY:	(DBE) MBE (WBE) SBA 8(A)

CHECK ALL THAT APPLY:						
PRIME: _____	JV PARTNER _____	SUBCONTRACTOR _____	TRUCKER _____	SUPPLIER X	MANUFACTURER _____	

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): Y (N)	TIER 2 OR BELOW: (Y) N	UNDER CONTRACT TO: John Burns Construction

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	See Attached				✓	
	TOTALS FOR THIS DBE FIRM:			$ 92,085.00	✓	$ 55,251.00

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #JS671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a [redacted] and can subject the contractor to contract sanctions.

[redacted] oland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor — Title — Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] President 04/04/19

Signature — Title — Date

Contact: Diane Quinlan
Firm Name: Midco Electric Supply
E-mail: diane@midcoelectric.com
Phone: 708.599.7777
Address: 7237 W. 90th Place Bridgeview, IL. 60455

Unified Certification Program - Search

Contractor Details

Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Midco Electric Suppy, Inc.
Diane Quinlan
7237 W. 90th Place
Bridgeview, IL 60455-0000

County: Cook

Email: dquinlan@midcoelectric.com

Phone: 708-599-7777

Fax: 708-599-4178

Categories: Supplier

NAICS	Speciality
423610 - Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers	ELECTRICAL APPARATUS AND EQUIPMENT, WIRING SUPPLIES AND RELATED EQUIPMENT MERCHANT WHOLESALERS: SALES AND DISTRIBUTION OF INDUSTRIAL ELECTRICAL COMPONENTS
423690 - Electronic parts (e.g., condensers, connectors, switches) merchant wholesalers	

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Midco Electric Supply

YOUR SUPER SERVICE DISTRIBUTOR

phone 708-599-7777 • 7237 West 90th Place • Bridgeview, IL 60455 • fax 708-599-4178
www.midcoelectric.com

Certified: WBE/DBE/FBE
Terms: NET 30

Date: 4/4/2019
Job Name: ISTHA-I-18-4430
Quoted by: JESUS BRYANT
Cell: (872) 395-9404

PAY ITEM	QTY	MANUFACTURER	DESCRIPTION	UNIT $	U/M	EXT $
JT160098	13		HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, TORSION ASSIST, 36"X60"X36"	$ 2,100.00	E	$ 27,300.00
JT160099	21		HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, TORSION ASSIST, 48"X72"X36"	$ 3,085.00	E	$ 64,785.00
			CURRENT ESTIMATED LEAD TIME: TBD			
			PRICING VALID FOR SINGLE ORDER FOR 34PCS, IMMEDIATE SHIPMENT IN TRUCKLOADS (18PCS) UNTIL COMPLETE			
			LEAD TIME IS BASED ON PREPAID SHIPPING VIA FLATBED, ANY EXPEDITED REQUEST, IF POSSIBLE WILL EFFECT PRICE QUOTED			
			FREIGHT ALLOWED FOR TOTAL QUANTITY QUOTED - SINGLE ORDER - SINGLE IMMEDIATE RELEASE TO ONE LOCATION			
						$ 92,085.00

Total @ 60%: $55,251.00

CHICAGO TRANSIT AUTHORITY

567 West Lake Street
Chicago, Illinois 60661-1498
TEL 312 664-7200
www.transitchicago.com

April 19, 2018

Ms. Diane Quinlan
Midco Electric Suppy, Inc. DBA Midco Electric Supply, Inc.
7237 W. 90th Place
Bridgeview, IL 60455

Dear Ms. Quinlan:

The Chicago Transit Authority has reviewed your No Change Affidavit and supporting documentation and is pleased to inform you that your firm continues to meet the Disadvantaged Business Enterprise (DBE) program certification eligibility standards set forth in 49 CFR Part 26. Your next No Change Affidavit is due **March 15, 2019**. A notification will be sent to you sixty (60) days prior to this date.

This certification allows your firm to participate as a DBE in the Illinois Unified Certification Program (IL UCP). The participating agencies include the Illinois Department of Transportation, the City of Chicago, the Chicago Transit Authority, Metra and Pace.

If there is any change in your certification that affects your ability to meet size standards, disadvantaged status, ownership, or control requirements or any material change in the information provided in your initial application, you must provide written notification to this agency within thirty (30) days of the occurrence of the change. Failure to provide this information is a ground for removal of certification based on failure to cooperate pursuant to 49 CFR 26.109(c).

Your firm's name will appear in the IL UCP Directory, which is used by prime contractors/consultants, as well as other agencies, to solicit participation of DBE firms. The directory can be accessed at cta.dbesystem.com. Your firm's name will appear in the Directory under the commodity codes and specialties listed on the following page.

Your participation on contracts will only be credited toward DBE contract goals when your firm performs in a Commercially Useful Function (CUF) in its approved area(s) of specialty.

Please direct all inquiries and any questions to this agency at **(312) 681-2601**.

Sincerely,

[redacted]

JuanPablo Prieto
Interim Senior Manager, Diversity Program
Chicago Transit Authority
Phone: (312) 681.2600
Email: diversity@transitchicago.com

CHICAGO TRANSIT AUTHORITY

567 West Lake Street
Chicago, Illinois 60661-1498
TEL 312 664-7200
www.transitchicago.com

Disadvantaged Business Enterprise (DBE) Certification

April 19, 2018
Midco Electric Suppy, Inc. DBA Midco Electric Supply, Inc.
7237 W. 90th Place
Bridgeview, IL 60455

Your firm's name will appear in the IL UCP DBE Directory, which is used by prime contractors/consultants, as well as other agencies, to solicit participation of DBE firms. The directory can be accessed at cta.dbesystem.com. Your firm's name will appear in the Directory under the following commodity codes and specialties:

Commodity Codes:
NAICS 423610: ELECTRICAL APPARATUS AND EQUIPMENT, WIRING SUPPLIES, AND RELATED EQUIPMENT MERCHANT WHOLESALERS
NAICS 423690: ELECTRONIC PARTS (E.G., CONDENSERS, CONNECTORS, SWITCHES) MERCHANT WHOLESALERS

In the following Specialties:
ELECTRICAL APPARATUS AND EQUIPMENT, WIRING SUPPLIES AND RELATED EQUIPMENT MERCHANT WHOLESALERS: SALES AND DISTRIBUTION OF INDUSTRIAL ELECTRICAL COMPONENTS

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME:	Midwestern Electric Company, Inc.
CIRCLE ALL THAT APPLY:	(DBE) (MBE) WBE SBA 8(A)

CHECK ALL THAT APPLY:						
PRIME ____	JV PARTNER ____	SUBCONTRACTOR X	TRUCKER ____	SUPPLIER ____	MANUFACTURER ____	

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): Y (N)	TIER 2 OR BELOW: (Y) N	UNDER CONTRACT TO: John Burns Construction

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	See Attached					
	TOTALS FOR THIS DBE FIRM:			$ 839,003.00		

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #IS671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aaware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.

[redacted] Roland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor — Title — Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] President 4/4/2019

Signature for DBE Contractor — Title — Date

Contact: Gerry Garcia
Firm Name: Midwestern Electric Company, Inc.
E-mail: gerry@midwestern-inc.com
Phone: 708-333-9841
Address: 15550 S. Kedzie Ave., Markham, IL 60428

Unified Certification Program - Search

Contractor Details Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Midwestern Electric Co., Inc.
Gerardo Garcia
15550 S. Kedzie Ave.
Markham, IL 60464-0000

County: Cook

Email: gerry@midwestern-inc.com

Phone: 708-333-9841

Fax: 708-333-4228

Categories: Construction

NAICS	Speciality
238210 - Electrical Contractors and Other Wiring Installation Contractors	238210 - Electrical Contractor

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MIDWESTERN
Electric Company, Inc
15550 S. Kedzie Ave.
Markham, IL 60428-3904

MBE-DBE CERTIFIED

Phone: 708-333-9841
Fax: 708-333-4228

Thursday April 4th 2019

Proposal

John Burns Construction
PO Box 827
Orland Park, Illinois
Attn: Kevin/Shane
Re: ISTHA 1-18-4430(Tri-State Tollway (I-294) Mile Long)

Please review the below unit pricing for the above mentioned project

PAY ITEM	DESCRIPTION	Quantity	U.O.M	UNIT PRICE	TOTAL
JS821003	TEMPORARY LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	24	Each	$530.00	$12,720.00
JS821100	LUMINAIRE, LED, HORIZONTAL MOUNT	22	Each	$530.00	$11,660.00
JS830003	GROUND MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 15 FT. MAST ARM	2	Each	$3,694.00	$7,388.00
JS830013	WALL MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 12 FT. MAST ARM	20	Each	$3,395.00	$67,900.00
JS830038	BRIDGE MOUNTED LIGHT POLE, STEEL, 60 FT., 15 FT MAST ARM	21	Each	$21,845.00	$458,745.00
JT131142	ROADWAY WEATHER INFORMATION SYSTEM	1	Each	$96,730.00	$96,730.00
JT135042	WEBCAM	2	Each	$91,930.00	$ 183,860.00
				total	**$ 839,003.00**

Included

1. Addendum #1-6 reviewed.
2. Proposal assumes completion by 12/21/2020.
3. Layout by others.
4. Permits by others

Sincerely

[redacted]

Gerry Garcia
Midwestern Electric

Metra
547 W. Jackson Boulevard, Chicago, IL 60661 312.322.6900 metrarail.com

January 9, 2019

Gerardo Garcia
Midwestern Electric Co., Inc.
15550 S. Kedzie Avenue
Markham, IL 60464

Dear Mr. Garcia:

Metra has reviewed your annual *No Change Affidavit* and supporting documentation and is pleased to inform you that your firm continues to meet the Disadvantaged Business Enterprise (DBE) program certification eligibility standards set forth in 49 CFR Subpart D 26.61. Your next No Change Affidavit is due **January 7, 2020**. Notification will be sent to you sixty (60) days prior to this date.

This certification allows your firm to participate as a DBE in the Illinois Unified Certification Program (IL UCP). The participating agencies include the Illinois Department of Transportation, the City of Chicago, the Chicago Transit Authority, Metra and Pace.

If there is any change in your certification that affect your ability to meet size standards, disadvantaged status, ownership, or control requirements or any material change in the information provided in your initial application, you must provide written notification to this agency within thirty (30) days of the occurrence of the change. Failure to provide this information is grounds for removal of certification based on failure to cooperate pursuant to 49 CFR 26.109(c).

Your firms name will appear in the IL UCP directory, which is used by prime contractors/consultants, as well as other agencies, to solicit participation of DBE firms. The Directory can be accessed at www.metrarail.com under the Business Diversity DBE link. Your firm's name will appear in the IL UCP DBE Directory under the following:

NAICS Code: 238210

Specialty: Electrical Contractor

Your participation on contracts will only be credited toward DBE contract goals when your firm performs in a Commercially Useful Function (CUF) in its approved area(s) of specialty.

Sincerely,

[redacted]

Janice R. Thomas, CPPB
Senior Division Director
Office of Business Diversity & Community Relations

JRT:ms/kb

Metra is the registered service mark for the Northeast Illinois Regional Commuter Railroad Corporation

Illinois Tollway — *Illinois State Toll Highway Authority "ISTHA"*

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME:	Atlantic Painting Co., Inc.
CIRCLE ALL THAT APPLY:	(DBE) MBE WBE SBA 8(A)

CHECK ALL THAT APPLY: PRIME ____ JV PARTNER ____ SUBCONTRACTOR X TRUCKER ____ SUPPLIER ____ MANUFACTURER ____

SUBCONTRACTOR: TIER 1 (SUB TO PRIME): (Y) N TIER 2 OR BELOW: Y (N) UNDER CONTRACT TO: N/A

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
58700300	Concrete Sealer Furnish + Install	64,962/SF	$1.40/SF	90,946.80		90,946.80
X5030290	Staining Concrete Structures F+I	898/SF	$3.25/SF	2,918.50		2,918.50
20034212	MSE RETAINING Wall SPECIAL/Partial Stain	6,860/SF	$3.25/SF	22,295		22,295
JJ522500	MSE RETAINING Wall / Partial Stain	24,094/SF	$3.25/SF	78,312		78,312
JJ505231	FURNISH AND ERECT STRUCTURAL STEEL #1/Partial	1 LS	344,900	344,900		344,900
			TOTALS FOR THIS DBE FIRM:			539,372.30

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #JS671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.

[redacted] Roland Schneider, Auth. Agent & VP

Signature for Prime Contractor — Title — Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] PRESIDENT 04/04/19

Signature for DBE Contractor — Title — Date

Contact: Robin J. Kaywood
Firm Name: Atlantic Painting Co. INC.
E-mail: Bids @Atlantic Painting.com
Phone: 708-636-2040
Address: 10019 SouthWest Highway, Oaklawn, IL 60453

Unified Certification Program - Search

Contractor Details

Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Atlantic Painting Co.
Rozina J. Karnavas
10019 Southwest Hwy.
Oak Lawn, IL 60453-
3725

County: Cook

Email: bids@atlanticpainting.com

Phone: 708-636-2040

Fax: 708-636-2442

Categories: Construction

NAICS	Speciality
NAICS Code: 238320 Painting and Wall Covering Contractors NAICS Code: 238990 All Other Specialty Trade Contractors	NAICS Code: 238320 Specialty: Painting (except roof) (contractors industrial and commercial) NAICS Code: 238990 Specialty: Sandblasting, building exterior sandblasting.

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Version: 1.1.27.5458

pace
Connecting Communities

Rocky Donohue
Executive Director

March 15, 2019

Rozina J. Karnavas
Atlantic Painting Co.
10019 Southwest Hwy.
Oak Lawn, IL 60453-3725

Dear Ms. Karnavas:

Pace, has reviewed your annual No Change Affidavit and supporting documentation and is pleased to inform you that your firm continues to meet the Disadvantaged Business Enterprise (DBE) program certification eligibility standards set forth in 49 CFR Part 26.61. Your next No Change Affidavit is due **April 1, 2020**. Notification will be sent to you sixty (60) days prior to this date.

This certification allows your firm to participate as a DBE in the Illinois Unified Certification Program (IL UCP). The participating agencies include the Illinois Department of Transportation, the City of Chicago, the Chicago Transit Authority, Metra and Pace.

If there is any change in circumstances that affect your ability to meet size standards, disadvantaged status, ownership, or control requirements or any material change in the information provided in your initial application, you must provide written notification to this agency within thirty (30) days of the occurrence of the change. Failure to provide this information is a ground for denial of certification based on failure to cooperate pursuant to 49 CFR 26.109(c).

The Directory is used by prime contractors/consultants, as well as other agencies, to solicit participation of DBE firms. The Directory can be accessed on the Internet at www.pacebus.com. Your firm's name will appear in the IL UCP DBE Directory under the following category name(s):

- NAICS Code: 238320 Painting and Wall Covering Contractors
  - Specialty: Painting (except roof) (contractors industrial and commercial)

- NAICS Code: 238990 All Other Specialty Trade Contractors
  - Specialty: Sandblasting, building exterior sandblasting.

Your participation on contracts will only be credited toward DBE contract goals when you perform in your firm's approved area(s) of specialty. Credit for participation in an area outside your specialty requires prior approval (verification of resources, expertise, and corresponding support documentation, etc.).

Sincerely,

[redacted]
Donald Mayes
DBE Liaison Officer

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430
DBE FIRM NAME	321 CD.
DBE / WBE / SBA 8(A)	DBE

CHECK ALL THAT APPLY:						
PRIME	JV PARTNER	SUBCONTRACTOR	TRUCKER X	SUPPLIER	MANUFACTURER	

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): Y N	TIER 2 OR BELOW: (Y) N	UNDER CONTRACT TO: Lake County Grading Company, LLC

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION (Indicate whether Contingency Work)	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (Indicate 60% of purchases from a Regular Dealer as a SUPPLIER)
20200100	Earth Excavation	4,000	$125.00	$500,000.00		$500,000.00
			TOTALS FOR THIS DBE FIRM:	$500,000.00		$500,000.00

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item #1S671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount. Hourly Semi Trucking at $125.00/hour

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.

[redacted] Roland Schneider, Agent 4/4/2019

Signature for Prime Contractor — Title — Date

Contact: ROLAND SCHNEIDER
Firm Name: F.H. PASCHEN SN NIELSEN & ASSOC. LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Rd. Chgo IL 60656

[redacted] President 4-3-19

Signature for DBE Contractor — Title — Date

Contact: Stephanie Colby
Firm Name: 321 CD.
E-mail: Stephanie@321CD.biz
Phone: 815-388-2836
Address: 181 N. Virginia, Unit L Crystal Lake, IL 60014

Unified Certification Program - Search

Contractor Details

Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

321 Co.
Stephanie Colby
181 N. Virginia St., Ut. C
Crystal Lake, IL 60014

Email: Stephanie@321co.biz
Phone: (815) 388-2836
Fax:

County: McHenry

Categories: Construction, Trucking

NAICS	Speciality
237310-Highway, Street, & Bridge Construction	237310- EXCAVATING & GRADING - CONSTRUCTION
484220-Specialized Freight (except Used Goods) Trucking, Local	484220- TRUCKING

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Version: 1.1.27.5458

Illinois Department of Transportation
Office of Business & Workforce Diversity
2300 South Dirksen Parkway / Springfield, Illinois 62764

December 27, 2018

CERTIFIED-RETURN RECEIPT REQUESTED

Ms. Stephanie Colby
321 Co.
181 N. Virginia St., Ut. C
Crystal Lake, IL 60014

Dear Ms. Colby:

The Illinois Department of Transportation (IDOT) has approved the "No Change Affidavit" for 321 Co. and determined that the firm continues to meet DBE eligibility standards to perform work towards DBE goals.

In order to remain certified and in good standing, you must annually submit a No Change Affidavit. IDOT will send an affidavit form 60 days prior to the firm's next anniversary date.

Should the submitted information change, you are required to notify IDOT's Bureau of Small Business Enterprises (bureau) within 30 days of the change.

Note: Pursuant to 49 CFR Part 26.83(i), whenever there are any change in circumstances affecting your firm's eligibility status, your firm must provide written notification to IDOT within 30 days of the occurrence of the change. If you fail to make timely notification, it may result in the loss of your firm's certification.

If you have any questions, please contact the Bureau of Small Business Enterprises at (217) 782-5490.

Sincerely,

[redacted]

Diane Cook Felton, Manager
DBE Certification Section
Bureau of Small Business Enterprises

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME:	Kalgen Consultants, Inc.
CIRCLE ALL THAT APPLY:	(DBE) (MBE) WBE SBA 8(A)

CHECK ALL THAT APPLY:						
PRIME ____	JV PARTNER ____	SUBCONTRACTOR X	TRUCKER ____	SUPPLIER ____	MANUFACTURER ____	

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): (Y) N	TIER 2 OR BELOW: Y (N)	UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
JT155001	Contractor's Quality Program	1 LSum	$1,293,826.00	$1,293,826.00		$1,293,826.00
			TOTALS FOR THIS DBE FIRM:	$1,293,826.00		$1,293,826.00

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #JS671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.

[redacted] Roland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor | Title | Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] President 04/05/2019

Signature for DBE Contractor | Title | Date

Contact: Atri Kalluri
Firm Name: KALGEn Consultants, Inc.
E-mail: atri@kalgeninc.com
Phone: 630-516-0901
Address: 1940 Internationale Pkwy Suite 600 Woodridge, IL

ALGEn Consultants, Inc.
6 N Wisconsin Ave
lla Park, IL 60181
l: (630) 516 0901 fax: (630) 516 0902

ISTHA 4430

CONCRETE

Class BD							
Deck		45	8	Level 1 Field	3	92.50	$99,900.00
Deck Slab Repair		5	8	Level 1 Field	1	92.50	$3,700.00
Parapet		25	8	Level 1 Field	1	92.50	$18,500.00
Class SP							
Substruct		90	8	Level 1 Field	1	92.50	$66,600.00
Other			8	Level 1 Field	1	92.50	$0.00
Approach Pavement		45	8	Level 1 Field	1	92.50	$33,300.00
Moment Slabs		10	8	Level 1 Field	1	92.50	$7,400.00
Signage		10	8	Level 1 Field	1	92.50	$7,400.00
Piling		175	8	Level 1 Field	1	92.50	$129,500.00
Seal Coat Concrete		5	8	Level 1 Field	1	92.50	$3,700.00
Electrical		40	8	Level 1 Field	1	92.50	$29,600.00
PCC Paving		13	8	Level 1 Field	1	92.50	$9,620.00
PCC Patching		2	8	Level 1 Field	1	92.50	$1,480.00
PCC Temporary Pavement		40	8	Level 1 Field	1	92.50	$29,600.00
Curb & Gutter		10	8	Level 1 Field	1	92.50	$7,400.00
Slope Wall		3	8	Level 1 Field	1	92.50	$2,220.00
CIP 60" RC End Section		10	8	Level 1 Field	1	92.50	$7,400.00
Mass Concrete		85	8	Level 1 Field	1	92.50	$62,900.00
Barrier Wall		5	8	Level 1 Field	1	92.50	$3,700.00
Conc. Pad for Energy Attenuator		2	8	Level 1 Field	1	92.50	$1,480.00
Bollards		2	8	Level 1 Field	1	92.50	$1,480.00
Concrete Transformer Pad		2	8	Level 1 Field	1	92.50	$1,480.00
Concrete Column Encasement			8	Level 1 Field	1	92.50	$0.00
Noise Wall		10	8	Level 1 Field	1	92.50	$7,400.00
Retaining Wall			8	Level 1 Field	1	92.50	$0.00
Office/Lab Charges							
QC Plan							$500.00
Cylinder Breaks					3804	22.50	$85,590.00
Pick-Up Costs (2 hrs Each trip)					634	150.00	$95,100.00
Travel Costs (Trip Fee)				Trips	634	40.00	$25,360.00
Management & Reports			317	Engineer	1	120.00	$38,040.00
OT @ 10%							$53,576.00
Totals	**0**	**634**					**$833,926.00**

Asphalt & Soil Field Testing

Type	Quantity Weeks	Pours	HR / Pour	Tech Type	No.	Rate	Cost
Compaction testing	50.0	250	8	Level I Tech	1	92.50	$185,000.00
Trench Back Fill	40.0	200	8	Level I Tech	1	92.50	$148,000.00
Structural Steel Testing	15.0	75	8	CWI	1	110.00	$66,000.00
Management & Reports			225	Engineer	1		$0.00
Laboratory Testing 10% of Cost							$39,900.00
Travel Costs					525	40.00	$21,000.00
		525					**$459,900.00**

a.) The Technician rates mentioned above are for the straight time of 8.0 hrs. per day Monday thru Friday (7.0 AM to 3.30 PM)

b.) Technician(s)/ Engineer(s) hours are charged from portal to portal

c.) Over 8.0 hrs a surcharge of 50% will be charged to the above mentioned rates

d.) A minimum 8.0 hr charge will apply for each scheduled visit

e) Any work performed after 3.30 PM will be considered as over time and will be charged as mentioned in c) above.

f) For technicians: Saturdays Will be charged at 1.5 times the regular wages and Sundays 2.0 times the regular wages.

g) Work performed other than regular Day Shift will be charged at $90/Hr.

h) For Multi year projects the unit rates mentioned above will be increased by 5% every year

i) A 2.0 hr. show up time will be charged for cancellation of a previously scheduled job

Note: These are only for estimation purposes. Actual invoicing will be based on T&M.

Illinois Department of Transportation
Office of Business & Workforce Diversity
2300 South Dirksen Parkway / Springfield, Illinois 62764

February 4, 2019

CERTIFIED-RETURN RECEIPT REQUESTED

Mr. Atri Kalluri
KALGEN Consultants, Inc.
716 N. Wisconsin Ave.
Villa Park, IL 60181

Dear Mr. Kalluri:

The Illinois Department of Transportation (IDOT) has approved the "No Change Affidavit" for KALGEN Consultants, Inc. and determined that the firm continues to meet DBE eligibility standards to perform work towards DBE goals.

In order to remain certified and in good standing, you must annually submit a No Change Affidavit. IDOT will send an affidavit form 60 days prior to the firm's next anniversary date.

Should the submitted information change, you are required to notify IDOT's Bureau of Small Business Enterprises (bureau) within 30 days of the change.

Note: Pursuant to 49 CFR Part 26.83(i), whenever there are any change in circumstances affecting your firm's eligibility status, your firm must provide written notification to IDOT within 30 days of the occurrence of the change. If you fail to make timely notification, it may result in the loss of your firm's certification.

If you have any questions, please contact the Bureau of Small Business Enterprises at (217) 782-5490.

Sincerely,

[redacted]

E. Diane Cook Felton, Manager
DBE Certification Section
Bureau of Small Business Enterprises

Unified Certification Program - Search

Contractor Details Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

KALGEN Consultants, Inc.
Atri Kalluri
716 N. Wisconsin Ave.
Villa Park, IL 60181

Email: atri@kalgeninc.com
Phone: (630) 516-0901
Fax: (630) 516-0902

County: DuPage

Categories: Architecture\Engineering, Professional

NAICS	Speciality
541330-Engineering Services	541330-CONSTRUCTION INSPECTION
541360-Geophysical Surveying & Mapping Services	QA HMA & AGGREGATE
541715-Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)	QA PCC & AGGREGATE
	541360-SUBSURFACE EXPLORATIONS
	GENERAL GEOTECHNICAL SERVICES
	541715- RESEARCH

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Version: 1.1.27.5458

[redacted]

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME:	Sanco Services, Inc.
CIRCLE ALL THAT APPLY:	(DBE) MBE WBE SBA 8(A)

CHECK ALL THAT APPLY:

PRIME _____ JV PARTNER _____ SUBCONTRACTOR X TRUCKER _____ SUPPLIER _____ MANUFACTURER _____

SUBCONTRACTOR: TIER 1 (SUB TO PRIME): Y (N) TIER 2 OR BELOW: (Y) N UNDER CONTRACT TO: Traffic Control and Protection

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	See Attached Quote			$235,986.00		$235,986.00
			TOTALS FOR THIS DBE FIRM:	$235,986.00		$235,986.00

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item #JS671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

Items JT190148, JT701021, JT701026, JT701028 are partial items.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount. Please see quote for subcontractor dollar amounts.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.

[redacted] Roland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor / Title / Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] General Manager 4/5/19

Signature for DBE Contractor / Title / Date

Contact: Brandon Francis
Firm Name: Sanco Traffic
E-mail: Brandonfrancis@sancotraffic.com
Phone: 630-386-3137
Address: 300 Quaker Rd Rockford, IL 61104

BID #: I-18-4430

BID FOR: ILLINOIS TOLLWAY

JOB LOCATION: I-294 MILE LONG BRIDGE

BID BASED ON: 12/21/2020 COMPLETION DATE

ESTIMATOR: BILL STUKEL

225 Mike Parkway
Bartlett, IL 60103

Ph: (630) 283-0020
Fax: (630) 497-0626
Cell: (630) 878-0496

TOTAL BID: $1,323,469.48 FINAL

JOB QUOTED AS TRI VENTURE WITH MAINTENANCE COATINGS, TRAFFIC SERVICES AND SANCO TRAFFIC CONTROL.

ITEM	QTY	UNIT	PRICE		EXTENDED
78103815 TRAFFIC CONTROL SURVEILLANCE	492.00	CAL DA	$1.00		$492.00
70107035 CHANGEABLE MESSAGE CENTER	1,080.00	CAL DA	$23.00		$24,840.00
70300960 PAVT MARKING TAPE TYPE 4 LETT & SYM	197.00	SQ FT	$3.50		$689.50
70300964 PAVT MARKING TAPE, TYPE 4 LINE - 4"	178,833.00	FT	$0.80		$143,066.40
70800250 IMPACT ATTENUATOR TEMPORARY NRD TL 3	1.00	EACH	$3,000.00		$3,000.00
78005100 EPOXY PAVEMENT MARKING LETT & SYM	83.00	SQ FT	$10.00		$830.00
78005110 EPOXY PAVEMENT MARKING 4"	143,130.00	SQ FT	$0.42		$60,114.60
78200011 BARRIER WALL REFLECTOR TYPE C	52.00	EACH	$12.50		$650.00
X7010210 TRAFFIC CONTROL & PROTECTION SPECIAL	1.00	L SUM	$32,000.00	100% DBE,SEE NOTES	$32,000.00
X7030905 TEMP PAVEMENT MARK REMOVAL	50,925.00	SQ FT	$0.25		$12,731.25
Z0030850 TEMPORARY INFORMATION SIGNING	104.00	SQ FT	$20.00		$2,080.00
JR638010 TEMPORARY MODULAR GLARE SCREEN SYSTEM	2,626.00	FT	$5.00		$13,130.00
JT702022 BARRIER WALL REFLECTORS, TYLE C	1,681.00	EACH	$6.00	100% DBE	$10,086.00
JS120100 TLR MT FLL MTRX MESS SIGN PORT CHNG MESS SN	7.00	EACH	$2,000.00		$14,000.00
JS701010 MAINTENANCE OF TRAFFIC	1.00	L SUM	$433,000.00		$433,000.00
JT100148 TRUCK MOUNTED ATTENUATOR	1,680.00	HOUR	$140.00	50% DBE SANCO, 50% NON DBE	$235,200.00
JT701021 MAINT OF TRAFF DAILY 1 LANE CLOSURE STD E-2	34.00	EACH	$2,000.00	50% DBE SANCO, 50% NON DBE	$68,000.00
JT701026 MAINT OF TRAFF DAILY 2 LANE CLOSURE STD E-2	18.00	EACH	$2,200.00	50% DBE SANCO, 50% NON DBE	$39,600.00
JT701028 MAINT OF TRAFF DAILY 3 LANE CLOSURE STD E-2	18.00	EACH	$2,500.00	50% DBE SANCO, 50% NON DBE	$45,000.00
JT701030 SUPPLEMENTAL BARRICADE	13,500.00	EACH/DA	$0.50		$6,750.00
JT701031 SUPPLEMENTAL SIGNING	280.00	SQ FT	$10.00		$2,800.00
JT701032 SUPPLEMENTAL ARROW BOARD PER DAY	120.00	EA/DAY	$10.00		$1,200.00
JT701033 SUPPLEMENTAL ARROW BOARD PER WEEK	35.00	EA/WEEK	$60.00		$2,100.00
JT701034 SUPPLEMENTAL ARROW BOARD PER MONTH	36.00	EA/MONTH	$150.00		$5,400.00
JT701052 TEMP INFO SN GRD MT GTR THAN 24 SQ FT IN AREA	671.00	SQ FT	$35.00		$30,495.00
JT701060 TEMP INFO SN OVR HD MT 24 SQ FT IN AREA OR LESS	24.00	SQ FT	$60.00		$1,440.00
JT701250 TRAILER MOUNTED RADAR SPEED DISPLAY UNIT	36.00	CAL MO	$450.00		$16,200.00
JT703104 LATE SEASON TEMPORARY PAVEMENT MARKING 4"	49,184.00	FT	$0.52		$25,575.68
JT703005 WATER BLASTING PAVE MARK REMOVAL	73,315.00	SQ FT	$1.05		$76,980.75

NOTES:

TRAFFIC CONTROL AND PROTECTION SPECIAL AND MAINTENANCE OF TRAFFIC DOES NOT INCLUDE ANY LANE CLOSURE EQUIPMENT, TEMPORARY LANE CLOSURES, PARTIAL / FULL RAMP CLOSURES.

MAINTENANCE OF TRAFFIC DOES NOT INCLUDE LANE CLOSURES REQUIRED FOR RUMBLE STRIP REMOVAL.

RAMP C & D INCLUDES INITIAL SET UP, ANY RECONFIGURATIONS IF NECESSARY IS ON THE CONTRACTOR.

MAINTENANCE OF TRAFFIC DOES NOT INCLUDE EMERGENCY PLAN OR ANY TYPE OF TEMPORARY CLOSURE.

MAINTENANCE OF TRAFFIC DOES NOT INCLUDE ANY REMOVAL, RELOCATING OR REINSTALLATION OF EXISTING SIGNS DESCRIBED ON S.P. I-56RR.

BID #: I-18-4430

BID FOR: ILLINOIS TOLLWAY

JOB LOCATION: I-294 MILE LONG BRIDGE

BID BASED ON: 12/21/2020 COMPLETION DATE

275 Mikes Parkway
Bartlett, IL 60103

Ph: (630) 293-0020
Fax: (630) 467-0526
Cell: (630) 878-0490

ESTIMATOR: BILL STUKEL

JOB QUOTED AS TRI VENTURE WITH MAINTENANCE COATINGS, TRAFFIC SERVICES AND SANCO TRAFFIC CONTROL.

ITEM	QTY	UNIT	PRICE	EXTENDED
ADD THE FOLLOWING TO TCP SPL OR TCP EXPRESSWAYS. (LENGTH IS MEASURED FROM BEGINNING OF 1st TAPER)				
			MON-FRI	SAT & SUN
ONE LANE CLOSURE 1 MILE MAX (DOES NOT INCLUDE TRUCK MOUNTED ATTENUATOR)		EACH	$2,000.00	$2,100.00
TWO LANE CLOSURE 1 MILE MAX (DOES NOT INCLUDE TRUCK MOUNTED ATTENUATOR)		EACH	$2,200.00	$2,300.00
THREE LANE CLOSURE 1 MILE MAX (DOES NOT INCLUDE TRUCK MOUNTED ATTENUATOR)		EACH	$2,600.00	$2,700.00
PLAZA LANE CLOSURE		EACH	$900.00	$1,000.00
WEAVE (PLUS COST OF LANE CLOSURE)		EACH	$600.00	$700.00
TEMP SHOULDER CLOSURE 1/2 MILE (DOES NOT INCLUDE TRUCK MOUNTED ATTENUATOR)		EACH	$850.00	$950.00
ADDITIONAL 1/2 MILE		EACH	$95.00	$95.00
LOCAL LANE CLOSURE RT-45 INCLUDES (701421 & 701411)		EACH	$1,400.00	$1,500.00
PARTIAL RAMP CLOSURE		EACH	$850.00	$950.00
IDOT ACCESS POINTS (TC-18) DOES NOT INCLUDE FLAGGER		EACH	$1,500.00	$1,500.00
TOLLWAY ACCESS POINTS (E-6), DOES NOT INCLUDE ATTENUATOR OR FLAGGER		EACH	$2,500.00	$2,500.00
IDOT OR TOLLWAY ACCESS POINT RELOCATED		EACH	$600.00	$600.00

*** TRAFFIC CONTROL LUMP SUM PRICE IS BASED ON THE PLANS & PROVISIONS ISSUED AT THE TIME OF THE BID
ANY CHANGES REQUESTED BY THE CONTRACTOR OR ENGINEER TO PHASING, STAGING OR FOR ADDITIONAL EQUIPMENT WILL BE CHARGED BY FORCE ACCOUNT, A.U.P. OR CURRENT RENTAL RATES

5 CAL DAYS NOTICE REQUIRED PRIOR TO START UP DUE TO JULIE LOCATES

THE FOLLOWING ARE NOT INCLUDED IN TRAFFIC CONTROL PROJECT LUMP SUM

** ANY BONDING OR RAILROAD PROTECTIVE LIABILITY INSURANCE OR ENDORSEMENTS OR PROFESSIONAL LIABILITY INSURANCE **

Insurance limits $1,000,000 CA., General Aggregate $2,000,000 and $5,000,000 Umbrella each occurrence

WORKERS COMP. $1,000,000 EA ACCIDENT

1.TEMP PAVT MARKING 2. PAVT MARKING REMOVAL 3. SPOTTERS, FLAGGERS OR AUTO FLAGGER ASST DEVICE 4.TRAFFIC CONES 5.BARRIER WALL or REPL
6. REPLACING OR RELOCATING SIGNS THAT ARE SUPPLIED BY OTHERS 7.TEMP LANE CLOSURES 8. TEMP FENCE. 9. FALL PROTECTION OR SOIL RETENTION 10.FLEXIBLE DELINEATORS 11. LRS-3 INSPECTIONS
12.PERMANENT SIGN REMOVAL,INSTALLATION OR REINSTALLATION 13.TEMP RUMBLE STRIPS 14. TACK WELDING OF ANY FRAMES OR GRATES. 15. SURVEILLANCE
16. ROUGH GROOVED SIGNS 17. BUMP SIGNS 18. SIDEWALK CLOSED SIGNS 19. DETECTABLE PEDESTRIAN BARRICADES 20. ANY WORK FOR SNOW PLOW OPERATIONS.
21. ANY DESIGN, CONSTRUCTION, MAINTENANCE DRAINAGE OR TEMP PLATING OR SHORING. 22. PLAN FOR MATERIAL TO BE USED FOR EMERGENCY PATCHING OR LANE CLOSURES
23. TEMP DRAINAGE, EROSION, LIGHTING OR SEGMENT CONTROL

SANCO, INC.
TRAFFIC CONTROL
200 QUAKER ROAD, ROCKFORD, IL 61104
OFFICE: (815)961-0365

DBE/MBE/SDB
CERTIFIED

QUOTE

04/04/19

Below is a quote for traffic control:

TCP
I-18-4430
294 Mile Long Bridge

Line Item	Quantity	Unit	Price	Extended
X7010216 Traff Control & Prot Special	1	LS	$32,000	$32,000.00
J1782022 Barrier Wall Reflectors	1,681	Each	$6	$10,086.00
JT190148 Truck Mounted Attenuator	840	Hour	$140	$117,600
JT701021 Maint Of Traff Daily 1 lane Closure STD E-2	17	Each	$2,000	$34,000.00
JT701026 Maint Of Traff Daily 2 lane Closure STD E-2	9	Each	$2,200	$19,800.00
JT701028 Maint Of Traff Daily 3 lane Closure STD E-2	9	Each	$2,500	$22,500.00

$235,986.00.

Bid Total

The following are not included in lump sum bid total:

****Any bonding or Railroad Protective Liability insurance or Endorsements*

Illinois Department of Transportation
Office of Business & Workforce Diversity
2300 South Dirksen Parkway / Springfield, Illinois 62764

July 19, 2018

CERTIFIED-RETURN RECEIPT REQUESTED

Mr. Robert Sanches
Sanco Services, Inc.
d/b/a Sanco Traffic Control
200 Quaker Rd.
Rockford, IL 61104

Dear Mr. Sanches:

The Bureau of Small Business Enterprises is in receipt of your request for additional categories. As of the date of this letter, your approved categories include:

- Reg/Dealer/Authorized Distr-Pipe
- Materials: Misc Traffic Control Signs
- Traffic Control
- Video Traffic Control Surveillance Installation
- Temporary Barrier Wall Installation

Your current categories will be included in the next update of the IL UCP DBE Directory. If you have any questions or require additional information, please contact this office at (217) 782-5490.

Sincerely,

[redacted]

Debra A. Clark, Bureau Chief
Bureau of Small Business Enterprises

Unified Certification Program - Search

Contractor Details

Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Sanco Services, Inc. d/b/a Sanco Traffic Control
Robert Sanches
200 Quaker Rd.
Rockford, IL 61104

Email: sancoone@comcast.net
Phone: (815) 961-0365
Fax: (815) 961-0865

County: Winnebago

Categories: Construction, Miscellaneous, Supplier

NAICS	Speciality
237310-Highway, Street, & Bridge Construction	237310- TEMPORARY BARRIER WALL INSTALLATION
238210-Electrical Contractors	238210- VIDEO TRAFFIC CONTROL SURVEILLANCE - INSTALLATION
334290-Other Communications Equipmwnt Manufacturing	334290- MATERIALS: MISC. TRAFFIC CONTROL SIGNS
423510-Metal Service Centers and Other Metal Merchant Wholesalers	423510- REG DEALER/AUTHORIZED DISTR - PIPE
561990-All Other Support Services	561990- TRAFFIC CONTROL

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Version: 1.1.27.5458

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME:	S&J Construction Co., Inc.
CIRCLE ALL THAT APPLY:	(DBE) MBE WBE SBA 8(A)

CHECK ALL THAT APPLY:

PRIME _____ JV PARTNER _____ SUBCONTRACTOR X TRUCKER _____ SUPPLIER _____ MANUFACTURER _____

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): (Y) N	TIER 2 OR BELOW: Y (N)	UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	SEE ATTACHED QUOTE	1/LS	$259,692.50	$259,692.50		
	TOTALS FOR THIS DBE FIRM:			$ 259,692.50		

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #IS671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.

[redacted] Roland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor — Title — Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] President 04/05/2019

Signature for DBE Contractor — Title — Date

Contact: Simone Kapovich
Firm Name: S&J Construction Co., Inc.
E-mail: skapovich@sjconst.com
Phone: 708-331-1816
Address: 4245 166th Street Oak Forest, IL 60452

Unified Certification Program - Search

Contractor Details Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

S & J Construction Co., Inc.
Simone Kapovich
4245 166th St.
Oak Forest, IL 60452

Email: skapovich@sjconst.com
Phone: (708)-331-1816
Fax: (708) 687-2135

County: Cook

Categories: Construction

NAICS	Speciality
237310-Highway, Street, & Bridge Construction	237310- WELDING
238910-Site Preparation Contractors	SIGNING
	BRIDGES - EXCEPT PAINTING
	PRECAST & PRESTRESSED CONCRETE - HIGHWAY
	STEEL, STRUCTURAL - ERECTION
	STEEL, REINFORCING - REBAR PLACEMENT
	238910- CAISSONS & PILE DRIVING
	DRILL SHAFT FOUNDATIONS

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Version: 1.1.27.5458

S & J Construction Co., Inc.
4245 166th Street
Oak Forest, IL 60452
Phone (708) 331-1816
Fax (708) 687-2135

Roadway and Bridge Reconstruction
Tri-State Tollway (I-294)
Mile Long Bridge
ISTHA Contract No. I-18-4427

BID DATE: 4/5/2019

SCHEDULE OF PRICES – SIGNING – FHP – Rev. 1

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL PRICE
73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	5.0	$10,750.00	$53,750.00
73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	8.0	$710.00	$5,680.00
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	8.0	$710.00	$5,680.00
73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	10.0	$2,150.00	$21,500.00
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	41.0	$52.50	$2,152.50
JS734A10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, SPAN TYPE	CU YD	71.0	$1,265.00	$89,815.00
JS734G10	FOUNDATION FOR ITS GANTRY FRAME	CU YD	38.0	$2,100.00	$79,800.00
********	SIGN STRUCTURE ANCHOR BOLTS FOR PIERS 7 AND 22 – FURNISH ONLY	L.SUM	1.0	$1,320.00	$1,320.00
				TOTAL PRICE	**$259,697.50**

SCOPE OF WORK

The above price includes all labor, equipment, material, and tools to perform the work as shown in the contract plans, specifications, and as stated here in. All access to the work/erection sites for the cranes, equipment, drill rig, concrete trucks and structure assembly shall be the responsibility of the General Contractor (GC). We have not included any spoil removal or dumping of spoil. We have not included disposal of broken concrete from existing foundations to be removed. We have not included hazardous or special waste should it appear.

Foundations for OVHD Sign Structures, ITS Gantry Frames and Concrete Foundations:

- Level and adequate access to the foundation locations for drilling and foundation installation shall be provided by the GC.
- All foundation work was quoted to be completed during the day Monday through Friday under normal straight time hours.
- All rebar installation of the cages is NOT included in this cost. FHP is responsible to furnish and install the rebar required.
- We have not included backfilling around any of the foundations.
- Any and ALL electrical work is excluded. Conduit runs, ground rod installation, grounding wells and systems, etc. shall be furnished and installed by the electrical contractor and is not included in our quote.
- We have included the anchor bolts for the OVHD Structures at stations 5099+00 and 7199+90.43.

Continue on page 2...

- The anchor bolts for the future structures at Pier 7(7230+79.37) and Pier 22 (7255+33.68) (to be installed by the Bridge Pier Contractor) are included. There is a total of 48 anchor bolts and 8 setting plates as shown on sheet SA-131.
- Access to foundation work areas shall be provided to S&J by the GC in a manner that allows for all foundations in a given stage to be completed under 1 mobilization.
- Obstruction drilling will be charged per IDOT Article 109.4.

General Notes:

- It was assumed that all foundation work will be done within the project work zone and will not require additional traffic control.
- The removal of the existing Overhead Sign Structures is quoted for night work.
- All traffic control and protection, lane closures, flagging requirements, etc. shall be the responsibility of the GC.
- Covering of any of the sign panels is not included in this price and is considered part of M.O.T. If required by ISTHA, we will invoice in accordance with Article 109.4.
- *We did **NOT** include any signing for M.O.T. or temporary signing that may be required. Any and all M.O.T. signing is by others.*
- Overhead wires that interfere with drilling of the shafts shall be de-energized for us to perform our work with-in the OSHA safety requirements and guidelines. This shall be the responsibility of the GC.
- GC shall provide access to a construction yard for storage of materials, equipment, and shipping container job box.
- The insurance S&J is providing for this project is: Workman's Comp. for 1 Mil., General Liability for 1 Mil. each occurrence and 2 Mil. Aggregate; Automobile for 1 Mil.; and a 10 Mil. Umbrella. We do not have Railroad Insurance, Professional Liability Insurance, Builders Risk, or other insurance which may be required for this project.

Excluded From Our Price:

- Traffic control and Protection and all required flagging operations
- Electrical work or electrical supplies of any kind for new structures and foundations. (Conduit, ground rods, ground cable, and clamps)
- Electrical work or electrical supplies of any kind for existing structures (disconnection or reconnection of sign structures)
- Roadway, shoulder, sub-base or barrier wall removal or installation.
- Railroad Insurance.
- Signing incidental to IDOT Article 107
- Removal of spoil and broken concrete from the work location
- Utility Discovery, Removal, or Relocation.
- Testing and Inspection, Third Party Inspection, QC/QA.
- Cleaning and Painting.
- Site restoration landscape work.
- Survey and Layout.
- Permits/Fees. (Except for Cranes & Drill Rig)
- Liquidated Damages not caused by S&J.
- Bond Costs & Retention.

Illinois Department of Transportation

Office of Business & Workforce Diversity
2300 South Dirksen Parkway / Springfield, Illinois 62764

September 10, 2018

RECEIVED
SEP 13 2018
S & J CONSTRUCTION CO., INC.

CERTIFIED-RETURN RECEIPT REQUESTED

Ms. Simone Kapovich
S & J Construction Co., Inc.
4245 166th St.
Oak Forest, IL 60452

Dear Ms. Kapovich:

The Illinois Department of Transportation (IDOT) has approved the "No Change Affidavit" for S & J Construction Co., Inc., and determined that the firm continues to meet DBE eligibility standards to perform work towards DBE goals.

In order to remain certified and in good standing, you must annually submit a No Change Affidavit. IDOT will send an affidavit form 60 days prior to the firm's next anniversary date.

Should the submitted information change, you are required to notify IDOT's Bureau of Small Business Enterprises (bureau) within 30 days of the change.

Note: Pursuant to 49 CFR Part 26.83(i), whenever there are <u>any</u> change in circumstances affecting your firm's eligibility status, your firm <u>must</u> provide written notification to IDOT within 30 days of the occurrence of the change. If you fail to make timely notification, it may result in the loss of your firm's certification.

If you have any questions, please contact the Bureau of Small Business Enterprises at (217) 782-5490.

Sincerely.

[redacted]

Debra A. Clark, Bureau Chief
Bureau of Small Business Enterprises

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME:	MM Hauling, Inc.
CIRCLE ALL THAT APPLY:	DBE MBE WBE SBA 8(A)

	CHECK ALL THAT APPLY:						
	PRIME	JV PARTNER	SUBCONTRACTOR	TRUCKER	✓ SUPPLIER	MANUFACTURER	
SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): Y		TIER 2 OR BELOW: (Y) N		UNDER CONTRACT TO:	K-Five	

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	Hauling Asphalt Materials from Plant to Jobsite	1	LS	100,000.00		
	TOTALS FOR THIS DBE FIRM:			100,000.00		

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item #JSG71010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special [redacted] participation and can subject the contractor to contract sanctions.

[redacted] Roland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor — Title — Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] President 4/9/19

Signature for DBE Contractor — Title — Date

Contact: Manny Legaspi
Firm Name: MM Hauling Inc.
E-mail: manny@mmhinc.net
Phone: 815-693-5176
Address: 7665 W Lawndale Ave, Summit, IL 60501

(Rev 04/2018)

Illinois Department of Transportation
Office of Business & Workforce Diversity
2300 South Dirksen Parkway / Springfield, Illinois 62764

September 7, 2018

CERTIFIED-RETURN RECEIPT REQUESTED

Mr. Juan M. Legaspi
M/M Hauling Inc.
7665 W. Lawndale Ave.
Summit, IL 60501

Dear Mr. Legaspi:

The Illinois Department of Transportation (IDOT) has approved the "No Change Affidavit" for M/M Hauling Inc., and determined that the firm continues to meet DBE eligibility standards to perform work towards DBE goals.

In order to remain certified and in good standing, you must annually submit a No Change Affidavit. IDOT will send an affidavit form 60 days prior to the firm's next anniversary date.

Should the submitted information change, you are required to notify IDOT's Bureau of Small Business Enterprises (bureau) within 30 days of the change.

Note: Pursuant to 49 CFR Part 26.83(i), whenever there are <u>any</u> change in circumstances affecting your firm's eligibility status, your firm <u>must</u> provide written notification to IDOT within 30 days of the occurrence of the change. If you fail to make timely notification, it may result in the loss of your firm's certification.

If you have any questions, please contact the Bureau of Small Business Enterprises at (217) 782-5490.

Sincerely,

[redacted]

Debra A. Clark, Bureau Chief
Bureau of Small Business Enterprises

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME:	H I Construction Company
CIRCLE ALL THAT APPLY:	(DBE) MBE WBE SBA 8(A)

CHECK ALL THAT APPLY:						
PRIME ____	JV PARTNER ____	SUBCONTRACTOR ____	TRUCKER ✓	SUPPLIER ____	MANUFACTURER ____	

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): Y (N)	TIER 2 OR BELOW: (Y) N	UNDER CONTRACT TO: E-Fine

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if Firm is a SUPPLIER)
	Haul Aggregates to Asphalt Plant	1	LS	17,060.00		
	TOTALS FOR THIS DBE FIRM:			17,060.00		

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #JS671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. **The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aaware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.**

[redacted] Roland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor — Title — Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] Pres 4/8/2019

Signature for DBE Contractor — Title — Date

Contact: JK Hackon
Firm Name: H I Construction Company
E-mail: JR@H2-CC.com
Phone: 773 261 6380
Address: 1800 Desplaines, Forest Park IL 60130

(Rev 04/2018)

Unified Certification Program - Search

Contractor Details

Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

H II CONSTRUCTION COMPANY
Lawrence Harmon
1800 Des Plaines
Forest Park, IL 60130-0000

Email: JR@H2-CC.COM
Phone: 773-261-6380
Fax: 773-804-3068

County: Cook

Categories: Trucking

NAICS	Speciality
484220 - Dump trucking (e.g., gravel, sand, top-soil)	NAICS 484220 Dump trucking (e.g., gravel, sand, top soil)
484220 - Top-soil hauling, local	NAICS 484220 Top-soil hauling, local

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Version: 1.1.27.5458

DEPARTMENT OF PROCUREMENT SERVICES

CITY OF CHICAGO

APR 12 2018

Lawrence Hermon, Jr.
HII Construction Company
1800 Des Plaines, Suite 107
Forest Park, IL 60130

Dear Lawrence Hermon, Jr.:

The City of Chicago has reviewed your annual *No Change Affidavit* and supporting documentation and is pleased to inform you that your firm, **HII Construction Company,** continues to meet the **Disadvantaged Business Enterprise ("DBE")** certification program eligibility standards set forth in 49 CFR Part 26. Your next No Change Affidavit is due **May 31, 2019.**

This certification allows your firm to participate as a **DBE** in the Illinois Unified Certification Program (IL UCP). The participating agencies include the City of Chicago, Illinois Department of Transportation, the Chicago Transit Authority, Metra and Pace.

If there is any change in circumstances during the course of your certification period that affect your ability to meet size, disadvantaged status, ownership, or control requirements or any material change in the information provided in your initial application, you must provide written notification to this agency within **thirty (30) days** of the occurrence of the change. Failure to provide this information is a ground for denial of certification based on failure to cooperate pursuant to 49 CFR 26.109(c).

Your firm's name will appear in the IL UCP DBE Directory under the following category name(s):

NAICS Code(s):
484220 – Dump Trucking (e.g. gravel, sand, and top soil) and Top Soil Hauling, Local

The Directory is used by prime contractors/consultants, as well as other agencies, to solicit participation of DBE, and ACDBE firms. The Directory can be accessed on the Internet at https://webapps.dot.illinois.gov/UCP/ExternalSearch.

Your participation on contracts will only be credited toward **DBE** contract goals when you perform in your firm's approved area(s) of specialty. Credit for participation in an area outside your specialty requires prior approval (verification of resources, expertise, and corresponding support documentation, etc.).

Sincerely,

[redacted]

Rich Butler
First Deputy Procurement Officer

RB/em

Illinois Tollway — **Illinois State Toll Highway Authority "ISTHA"**

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME:	Black Dog Petroleum, LLC
CIRCLE ALL THAT APPLY:	DBE (MBE) WBE SBA 8(A)

CHECK ALL THAT APPLY: PRIME ____ JV PARTNER ____ SUBCONTRACTOR ____ TRUCKER ____ SUPPLIER ____ MANUFACTURER X

SUBCONTRACTOR: TIER 1 (SUB TO PRIME): Y (N) TIER 2 OR BELOW: (Y) N UNDER CONTRACT TO: K-Five

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	Haul RAS to Asphalt Plant	1	LS	7,940.00		
	TOTALS FOR THIS DBE FIRM:			7,940.00		

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #IS671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aaware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a [redacted] pation and can subject the contractor to contract sanctions.

[redacted] Roland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor — Title — Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] Manager 4/9/19

Signature for DBE Contractor — Title — Date

Contact: Amit Gauri
Firm Name: Black Dog Petroleum, LLC
E-mail: Amit@blackdogcorp.com
Phone: 877-617-4104
Address: 4226 Lawndale Ave. Lyons, IL 60534

Unified Certification Program - Search

Contractor Details Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Black Dog Petroleum, LLC
Amit Gauri
4226 Lawndale Avenue
Lyons, IL 60534-0000

Email: amit@blackdogcorp.com
Phone: 877-617-4104
Fax:

County: Cook

Categories: Manufacturing, Trucking

NAICS	Speciality
324121 - Asphalt paving mixtures made from purchased asphaltic materials	NAICS 324121 Asphalt paving mixtures made from purchased asphaltic materials (More)
424690 - Antifreeze merchant wholesalers	NAICS 424690 Antifreeze merchant wholesalers (More)
424690 - Other Chemical and Allied Products Merchant Wholesalers	NAICS 424690 Other Chemical and Allied Products Merchant Wholesalers (More)
424720 - Petroleum and petroleum products merchant wholesalers (except bulk stations, terminals)	NAICS 424720 Petroleum and petroleum products merchant wholesalers (except bulk stations, terminals) (More)
484220 - Specialized Freight (except Used Goods) Trucking, Local	NAICS 484220 Specialized Freight (except Used Goods) Trucking, Local

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Version: 1.1.27.5458

From: Kathleen Pattison
To: Construction Bid
Cc: Dinkel, Deanna; Roland Schneider
Subject: RE: I-18-4430 Construction Documentation Request
Date: Monday, April 22, 2019 9:26:45 AM
Attachments: image002.png
image003.png
image004.png
image005.png
Xerox Scan_04192019113036.pdf

Good Morning Kristen,
See attached letter from Black Dog Petroleum.
They are a manufacturer as noted on the DBE form 2025 and deliver their own product.
Let me know if you need anything additional.

Kathleen Pattison
Executive Assistant | Estimating Division

F.H. PASCHEN

5515 N. East River Road, Chicago, IL 60656
Main 773.444.3474 | Direct 773.444.1588 | Fax 773.693-0064
kpattison@fhpaschen.com | www.fhpaschen.com
Build with Paschen
An Equal Opportunity Employer

This e-mail message is for the sole use of the recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure, or distribution is prohibited. If you are not the intended recipient(s), please contact the sender by reply e-mail and destroy all copies of the original message.

From: Construction Bid <constructionbid@getipass.com>
Sent: Thursday, April 18, 2019 10:21 AM
To: Kathleen Pattison <KPattison@FHPaschen.com>; Construction Bid <constructionbid@getipass.com>
Cc: Dinkel, Deanna <ddinkel@getipass.com>
Subject: RE: I-18-4430 Construction Documentation Request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thank you Kathleen– and another question.

Black Dog Petroleum's DBE Form 2025 shows "Manufacturer" box checked, but the work description says "Haul RAS to Asphalt Plant" .
For that work scope, the "Trucker" box should be checked instead of Manufacturer.

Could you please make the correction and re-send?

Thank you,
Kristen

Black Dog Petroleum, LLC
D.B.A. Southwind RAS

April 19, 2019

Attn: Bill Cahill

K-Five Construction

999 Oakmont Plaza Dr #200

Westmont, IL 60559

Dear Bill ,

This letter is to notify you that we are a manufacturer of Recycled Asphalt Shingles (RAS) and have it listed on our certification through the City of Chicago. On our certification you will see the NAICS code of 324121, which is the appropriate code for RAS. Please let me know if you need any further clarification.

Best regards,

[redacted]

Amit Gauri

Black Dog Petroleum, LLC

D.B.A. Southwind RAS

44226 Lawndale Avenue

Lyons, IL 60534

DEPARTMENT OF PROCUREMENT SERVICES

CITY OF CHICAGO

APR 1 1 2019

Mr. Amit Gauri
Black Dog Petroleum LLC
4226 Lawndale Avenue
Lyons, IL 60534

Dear Mr. Gauri:

The City of Chicago has reviewed your annual *No Change Affidavit* and supporting documentation and is pleased to inform you that your firm, **Black Dog Petroleum LLC,** continues to meet the **Disadvantaged Business Enterprise ("DBE")** certification program eligibility standards set forth in 49 CFR Part 26. Your next No Change Affidavit is due **November 15, 2019**.

This certification allows your firm to participate as a DBE in the Illinois Unified Certification Program (IL UCP). The participating agencies include the City of Chicago, Illinois Department of Transportation, the Chicago Transit Authority, Metra and Pace.

If there is any change in circumstances during the course of your certification period that affect your ability to meet size, disadvantaged status, ownership, or control requirements or any material change in the information provided in your initial application, you must provide written notification to this agency within **thirty (30) days** of the occurrence of the change. Failure to provide this information is a ground for denial of certification based on failure to cooperate pursuant to 49 CFR 26.109(c).

Your firm's name will appear in the IL UCP DBE Directory under the following category name(s):

NAICS Code(s):
324121- Asphalt Paving Mixtures (made from purchased asphaltic materials)
424690 - Other Chemical and Allied Products Merchant Wholesalers
424690 - Antifreeze Merchant Wholesalers
424720 - Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)
484220 - Specialized Freight (except Used Goods) Trucking, Local

The Directory is used by prime contractors/consultants, as well as other agencies, to solicit participation of DBE firms. The Directory can be accessed on the Internet at https://webapps.dot.illinois.gov/UCP/ExternalSearch.

Your participation on contracts will only be credited toward DBE contract goals when you perform in your firm's approved area(s) of specialty. Credit for participation in an area outside your specialty requires prior approval (verification of resources, expertise, and corresponding support documentation, etc.).

Sincerely,

[redacted]

Shannon E. Andrews
Chief Procurement Officer

SEA/cm

DEPARTMENT OF PROCUREMENT SERVICES

CITY OF CHICAGO

DEC 15 2017

Amit Gauri
Black Dog Petroleum, LLC
1101 W. Lake Street
Chicago, IL 60607

Dear Amit Gauri:

We are pleased to inform you that **Black Dog Petroleum, LLC** has been certified as a **Minority-Owned Business Enterprise ("MBE")** by the City of Chicago ("City"). This **MBE** certification is valid until **11/15/2022**; however your firm's certification must be revalidated annually. In the past the City has provided you with an annual letter confirming your certification; such letters will no longer be issued. As a consequence, we require you to be even more diligent in filing your **annual No-Change Affidavit 60 days** before your annual anniversary date.

It is now your responsibility to check the City's certification directory and verify your certification status. As a condition of continued certification during the five year period stated above, you must file an annual No-Change Affidavit. Your firm's **annual No-Change Affidavit** is due by **11/15/2018, 11/15/2019, 11/15/2020, and 11/15/2021.** Please remember, you have an affirmative duty to file your **No-Change Affidavit 60 days** prior to the date of expiration. Failure to file your annual No-Change Affidavit may result in the suspension or rescission of your certification.

Your firm's five year certification will expire on **11/15/2022**. You have an affirmative duty to file for recertification **60 days** prior to the date of the five year anniversary date. Therefore, you must file for recertification by **9/15/2022.**

It is important to note that you also have an ongoing affirmative duty to notify the City of any changes in ownership or control of your firm, or any other fact affecting your firm's eligibility for certification **within 10 days** of such change. These changes may include but are not limited to a change of address, change of business structure, change in ownership or ownership structure, change of business operations, gross receipts and or personal net worth that exceed the program threshold. Failure to provide the City with timely notice of such changes may result in the suspension or rescission of your certification. In addition, you may be liable for civil penalties under Chapter 1-22, "False Claims", of the Municipal Code of Chicago.

Please note – you shall be deemed to have had your certification lapse and will be ineligible to participate as a **MBE** if you fail to:

- File your annual No-Change Affidavit within the required time period;
- Provide financial or other records requested pursuant to an audit within the required time period;
- Notify the City of any changes affecting your firm's certification **within 10 days** of such change; or
- File your recertification within the required time period.

Please be reminded of your contractual obligation to cooperate with the City with respect to any reviews, audits or investigation of its contracts and affirmative action programs. We strongly encourage you to assist us in maintaining the integrity of our programs by reporting instances or suspicions of fraud or abuse to the **City's Inspector General at chicagoinspectorgeneral.org, or 866-IG-TIPLINE (866-448-4754).**

Be advised that if you or your firm is found to be involved in certification, bidding and/or contractual fraud or abuse, the City will pursue decertification and debarment. In addition to any other penalty imposed by law, any person who knowingly obtains, or knowingly assists another in obtaining a contract with the City by falsely representing the individual or entity, or the individual or entity assisted is guilty of a misdemeanor, punishable by incarceration in the county jail for a period not to exceed six months, or a fine of not less than $5,000 and not more than $10,000 or both.

Your firm's name will be listed in the City's Directory of Minority and Women-Owned Business Enterprises in the specialty area(s) of:

NAICS Code(s):

324121 - Asphalt paving mixtures made from purchased asphaltic materials
424690 - Other Chemical and Allied Products Merchant Wholesalers
424690 - Antifreeze merchant wholesalers
424720 - Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)
484220 - Specialized Freight (except Used Goods) Trucking, Local

Your firm's participation on City contracts will be credited only toward **Minority-Owned Business Enterprise** goals in your area(s) specialty. While your participation on City contracts is not limited to your area of specialty, credit toward goals will be given only for work that is self-performed and providing a commercially useful function that is done in the approved specialty category.

Thank you for your interest in the City's Minority and Women-Owned Business Enterprise (MBE/WBE) Program.

Sincerely,

[redacted]

Rich Butler
First Deputy Procurement Officer
RB/sg

Illinois Tollway — Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME:	TRUCK KING HAULING
CIRCLE ALL THAT APPLY:	(DBE) MBE WBE SBE(8A)

CHECK ALL THAT APPLY:

PRIME _____ JV PARTNER _____ SUBCONTRACTOR _____ TRUCKER X SUPPLIER _____ MANUFACTURER _____

SUBCONTRACTOR: TIER 1 (SUB TO PRIME): Y (N) TIER 2 OR BELOW: (Y) N UNDER CONTRACT TO: F-FIVE

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	HAUL AGGREGATES TO ASPHALT PLANT	1	LS	17,060.00		
	TOTALS FOR THIS DBE FIRM:			17,060.00		

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #IS671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.

[redacted] Roland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor — Title — Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] PRESIDENT 4-4-19

Signature for DBE Contractor — Title — Date

Contact: JESUS SAUZAMEDA JR
Firm Name: TRUCK KING HAULING CONTRACTORS LLC.
E-mail: JSAUZAMEDA@TKHCINC.COM
Phone: (773) 847-6000
Address: 4600 W 48TH ST. CHICAGO IL 60632

Unified Certification Program - Search

Contractor Details Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Truck King Hauling Contractors, Inc.
Jesus Sauzameda, Jr.
4600 W. 48th St.
Chicago, IL 60632

County: Cook

Email: jsauzameda@tkhcinc.com

Phone: (773) 847-6000

Fax: (773) 847-6714

Categories: Trucking

NAICS	Speciality
484220-Specialized Freight (except Used Goods) Trucking, Local	484220- TRUCKING

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Version: 1.1.27.5458

Illinois Department of Transportation

Truck King Hauling Contractors, Inc.

is hereby certified as a

Disadvantaged Business Enterprise

This certificate is valid under current firm ownership and operational control only and supersedes any authorization or listing previously issued.

[redacted]

Ann L. Schneider
Secretary
Illinois Department of Transportation

[redacted]

Joshua C. Griffin
Bureau Chief
Bureau of Small Business Enterprises

Effective the 23rd day of July 2013

Illinois Department of Transportation
Office of Business & Workforce Diversity
2300 South Dirksen Parkway / Springfield, Illinois 62764

August 22, 2017

CERTIFIED-RETURN RECEIPT REQUESTED

Mr. Jesus Sauzameda, Jr.
Truck King Hauling Contractors, Inc.
4600 W. 48th St.
Chicago, IL 60632

Dear Mr. Sauzameda:

The Illinois Department of Transportation (IDOT) has approved the "No Change Affidavit" for Truck King Hauling Contractors, Inc. and determined that the firm continues to meet DBE eligibility standards to perform work towards DBE goals.

In order to remain certified and in good standing, you must annually submit a No Change Affidavit. IDOT will send an affidavit form 60 days prior to the firm's next anniversary date.

Should the submitted information change, you are required to notify IDOT's Bureau of Small Business Enterprises (bureau) within 30 days of the change.

Note: Pursuant to 49 CFR Part 26.83(i), whenever there are <u>any</u> change in circumstances affecting your firm's eligibility status, your firm <u>must</u> provide written notification to IDOT within 30 days of the occurrence of the change. If you fail to make timely notification, it may result in the loss of your firm's certification.

If you have any questions, please contact the Bureau of Small Business Enterprises at (217) 782-5490.

Sincerely,

[redacted]

Debra A. Clark, Bureau Chief
Bureau of Small Business Enterprises

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME:	Walls Trucking Inc
CIRCLE ALL THAT APPLY:	(DBE) MBE WBE SBA 8(A)

CHECK ALL THAT APPLY:

PRIME _____ JV PARTNER _____ SUBCONTRACTOR _____ TRUCKER ✓ SUPPLIER _____ MANUFACTURER _____

SUBCONTRACTOR: TIER 1 (SUB TO PRIME): Y (N) TIER 2 OR BELOW: (Y) N UNDER CONTRACT TO: K-Fill

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form[s] for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	Haul Asphalt Materials from Plant to Jobsite	1	LS	100,000.00		
	TOTALS FOR THIS DBE FIRM:			100,000.00		

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item #US671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item[s] listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a [redacted] participation and can subject the contractor to contract sanctions.

[redacted] Roland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor — Title — Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] President 4-4-19

Signature for DBE Contractor — Title — Date

Contact: JASON E PARROS
Firm Name: WALLS TRUCKING INC.
E-mail: WALLS4244@gmail.com
Phone: 773-986-9708
Address: 3606 N. LUNA AVE CHICAGO IL 60641

(Rev 04/2018)

Unified Certification Program - Search

Contractor Details

Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Walls Trucking Inc.
Jason E. Paredes
3606 N. Luna Ave.
Chicago, IL 60641

Email: walls4244@gmail.com
Phone: (773) 986-9700
Fax: (773) 657-3731

County: Cook

Categories: Trucking

NAICS	Speciality
484220-Specialized Freight (except Used Goods) Trucking, Local	484220- TRUCKING

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Version: 1.1.27.5458

Illinois Department of Transportation

Walls Trucking Inc.

is hereby certified as a

Disadvantaged Business Enterprise

This certificate is valid under current firm ownership and operational control only and supersedes any authorization or listing previously issued.

[redacted]

Ann L. Schneider
Secretary
Illinois Department of Transportation

[redacted]

Eugene C. Oliver
Bureau Chief
Bureau of Small Business Enterprises

Effective the 17th day of September 2013

DEPARTMENT OF PROCUREMENT SERVICES

CITY OF CHICAGO

APR 1 4 2014

Jason Edrei Paredes
Walls Trucking, Inc.
3606 N. Luna Ave.
Chicago, IL 60641

Dear Mr. Paredes:

We are pleased to inform you that **Walls Trucking, Inc.** has been certified as a **Minority-Owned Business Enterprise ("MBE")** by the City of Chicago ("City"). This **MBE** certification is valid until **04/01/2019**; however your firm's certification must be re-validated annually. In the past the City has provided you with an annual letter confirming your certification; such letters will no longer be issued. As a consequence, we require you to be even more diligent in filing your **annual No-Change Affidavit 60 days** before your annual anniversary date.

It is now your responsibility to check the City's certification directory and verify your certification status. As a condition of continued certification during the five year period stated above, you must file an annual No-Change Affidavit. Your firm's **annual No-Change Affidavit** is due by **04/01/2015, 04/01/2016, 04/01/2017, and 04/01/2018.** Please remember; you have an affirmative duty to file your **No-Change Affidavit 60 days** prior to the date of expiration. Failure to file your annual No-Change Affidavit may result in the suspension or rescission of your certification.

Your firm's five year certification will expire on **04/01/2019**. You have an affirmative duty to file for recertification **60 days** prior to the date of the five year anniversary date. Therefore, you must file for recertification by **02/01/2019.**

It is important to note that you also have an ongoing affirmative duty to notify the City of any changes in ownership or control of your firm, or any other fact affecting your firm's eligibility for certification **within 10 days** of such change. These changes may include but are not limited to a change of address, change of business structure, change in ownership or ownership structure, change of business operations, gross receipts and or personal net worth that exceed the program threshold. Failure to provide the City with timely notice of such changes may result in the suspension or rescission of your certification. In addition, you may be liable for civil penalties under Chapter 1-22, "False Claims", of the Municipal Code of Chicago.

Please note – you shall be deemed to have had your certification lapse and will be ineligible to participate as a **MBE** if you fail to:

- File your annual No-Change Affidavit within the required time period;
- Provide financial or other records requested pursuant to an audit within the required time period;
- Notify the City of any changes affecting your firm's certification **within 10 days** of such change; or
- File your recertification within the required time period.

Please be reminded of your contractual obligation to cooperate with the City with respect to any reviews, audits or investigation of its contracts and affirmative action programs. We strongly encourage you to assist us in maintaining the integrity of our programs by reporting instances or suspicions of fraud or abuse to the City's Inspector General at chicagoinspectorgeneral.org, or 866-IG-TIPLINE (866-448-4754).

Be advised that if you or your firm is found to be involved in certification, bidding and/or contractual fraud or abuse, the City will pursue decertification and debarment. In addition to any other penalty imposed by law, any person who knowingly obtains, or knowingly assists another in obtaining, a contract with the City by falsely representing the individual or entity, or the individual or entity assisted, is a minority-owned business or a woman-owned business, is guilty of a misdemeanor, punishable by incarceration in the county jail for a period not to exceed six months or a fine of not less than $5,000 and not more than $10,000 or both.

Your firm's name will be listed in the City's Directory of Minority and Women-Owned Business Enterprises in the specialty area(s) of:

NAICS Code(s):
484110 – General Freight Trucking, Local

Your firm's participation on City contracts will be credited only toward **Minority-Owned Business Enterprise** goals in your area(s) specialty. While your participation on City contracts is not limited to your area of specialty, credit toward goals will be given only for work that is self-performed and providing a commercially useful function that is done in the approved specialty category.

Thank you for your interest in the City's Minority and Women-Owned Business Enterprise (MBE/WBE) Program.

Sincerely,

[redacted]

Jamie L. Rhee
Chief Procurement Officer

JLR/dw

FILE COPY
CR

Illinois Department of Transportation

Office of Business & Workforce Diversity
2300 South Dirksen Parkway / Springfield, Illinois 62764

September 30, 2013

CERTIFIED-RETURN RECEIPT REQUESTED

Jason E. Paredes
Walls Trucking Inc.
3606 N. Luna
Chicago, IL 60641

Dear Jason E. Paredes:

The Illinois Department of Transportation (IDOT), your host agency, is pleased to notify you that your firm has met the requirements for Disadvantaged Business Enterprise (DBE) program certification in accordance with the governing federal regulations, 49 CFR part 26.

This certification allows your firm to participate as a DBE in the Illinois Unified Certification Program (IL UCP). The participating agencies include the Illinois Department of Transportation, the City of Chicago, the Chicago Transit Authority, Metra, and Pace.

Your certification is approved commencing on **September 17, 2013**. To remain certified with the IL UCP you must submit a *No Change Affidavit* each year. Notification will be sent to you sixty (60) days prior to the anniversary date of your certification. It is your responsibility to ensure that your certification is kept current by submitting the required information in a timely manner. Failure to provide this information is a ground for removal of certification based on failure to cooperate pursuant to 49 CFR 26.109(c).

If there is any change in circumstances that affects your ability to meet size, disadvantaged status, ownership, or control requirements or any material change in the information provided in your application, you must provide written notification to this agency within thirty (30) days of the occurrence of the change. Failure to provide this information is a ground for removal of certification pursuant to 49 CFR 26.83(i).

Your firm's name will appear in the IL UCP DBE Directory in the following area(s) of specialty:

TRUCKING

This Directory is used by prime contractors/consultants, as well as other agencies, to solicit participation of DBE firms. The Directory can be accessed on the Internet at www.dot.il.gov/ucp/ucpdirectorybyname.pdf.

Your participation on contracts will only be credited toward DBE contract goals when you perform in your firm's approved area(s) of specialty. Credit for participation in an area outside your specialty requires prior approval (verification of resources, expertise, and corresponding support documentation, etc.).

Please note:

- This certification does not attest to your firm's abilities to perform in the approved work category(ies).
- Your certification may be revoked if your firm is found to be involved in bidding or contractual irregularities or has violated DBE program regulations pursuant to 49 CFR Part 26.107.
- For work to count toward a DBE contract goal, the DBE firm must perform a "commercially useful function" pursuant to 49 CFR Part 26.55. A DBE is considered to perform a commercially useful function when it is responsible for execution of a distinct element of the work of a contract and carrying out its responsibilities by actually performing, managing, and supervising the work involved.
- All DBE trucking firms must own at least one truck. The truck must be operable and capable of hauling materials specific to the contract. The owned truck(s) must be used prior to utilizing leased truck(s).
- The DBE trucking firm receives goal credit for the total value of the transportation service it provides on the contract using trucks it owns, insures and operates and using drivers it employs.
- The DBE trucking firm which leases trucks from another DBE trucking firm receives goal credit for the total value of the transportation services the lessee DBE provides on the contract.
- When a DBE trucking firm leases from a non-DBE trucking firm, the goal credit is limited to the fee or commission the DBE receives as a result of the lease arrangement. The fee or commission shall be reasonable and shall be indicated on the lease.
- For any credit to be allowed for leased trucks, the leases must be properly filed with the Illinois Commerce Commission (ILCC) and indicate that the DBE has exclusive use and control over the truck(s). Leased trucks must visibly display the name and ILCC number of the DBE trucking firm.

Please direct all inquiries and any questions to this agency at (217) 782-5490.

Sincerely,

[redacted]

Debra A. Clark, Manager
Certification Section
Bureau of Small Business Enterprises

Enclosure

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 – DBE PARTICIPATION STATEMENT FORM, PART 2

Contract No. I-18-4430

DBE Firm Name: ALZATE INC.

DBE Certification: (DBE) MBE WBE SBA(8A)

PRIME ____ JV PARTNER ____ SUBCONTRACTOR ____ TRUCKER X SUPPLIER ____ MANUFACTURER ____

DBE is: (SUB TO PRIME): Y N | TRUCK 20% BELOW: Y N | UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as the apparent bidder to construction.bid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

ITEM NO.	DESCRIPTION OF WORK, SERVICES, OR MATERIALS TO BE PAID	QUANTITY	UNIT PRICE	TOTAL DOLLAR AMOUNT (DOLLARS)	DBE CODES	ACTUAL DBE PAYMENTS (FOR USE ON FINAL REPORT)
	Haul Aggregates to Asphalt Plant	1	15	26,490.00		
	TOTALS FOR THIS DBE FIRM:			26,490.00		

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been completed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization (Section 670), will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

B. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontracting limitations.

C. CONFIRMATION: The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially useful function in the work of the contract for the items listed above and to execute a contract to this effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment therefor must be provided to ISTHA's Department of Diversity and Strategic Development. Failure to perform or report actions may result in a finding that the DBE is not performing a commercially useful function. The Prime Contractor agrees to request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days prior to the date the Prime Contractor intends to make one of the commitments supporting the request. Failure to receive written approval prior to a change in type or scope of work may result in the DBE not being paid for such work and may subject the contractor to contract sanctions.

[redacted] Roland Schneider, Auth. Agent & VP 4/4/2019

Signature for DBE Certification — Title — Date

Contact: Roland Schneider

Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC

Email: rschneider@fhpaschen.com

Phone: 773-444-3474

Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] / PRESIDENT 4-8-2019

Signature for Prime Contractor — Title — Date

Contact: BERNARDO A. ALZATE

Firm Name: ALZATE INC

Email: alzate.bernardo@yahoo.com

Phone: 847-417-9029

Address: 5132 W. LUNT AVE, SKOKIE, IL 60077

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USA/2019 10:30 A Five

Illinois State Toll Highway Authority "ISTHA"

DBE PARTICIPATION STATEMENT FORM, PART 2

I-18-4430

ALZATE INC.

TRUCKER X

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as first apparent bidder to award contract(s) or item(s). If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

	Haul Aggregates to Asphalt Plant		1.5	$6,490.00		
					TOTALS FOR THIS DBE FIRM:	$6,490.00

*Contingency Work must not be included under Pay Items and will not be counted toward DBE goal participation until such time as these Pay Items have been performed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item 0109001, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

B. PARTIAL PAYMENTS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontracted amount.

C. CERTIFICATION: The undersigned certify that the DBE listed below has agreed to perform a commercially useful function in the work of the contract item(s) listed above and to provide a contract with the Prime Contractor. The undersigned further understand that: NO CHANGES to the type or scope of work performed by the DBE may be made without the WRITTEN APPROVAL and authorization and certain information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not alter the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor agrees to notify the Department of Diversity and Strategic Development of any proposed amendment to the type or scope of work to be performed by this DBE no later than the next business day after the date the Prime Contractor became aware of the circumstance necessitating the request. Failure to receive written approval prior to any change in type or scope of work may result in the DBE not receiving credit for the work performed and may subject the contractor to contract sanctions.

[redacted] Roland Schneider, Auth. Agent & VP 4/4/2019

Signature for the Prime Contractor / Title / Date

Contact: Roland Schneider

Firm Name: E.H. Paschen, S.N. Nielsen & Associates LLC

Email: rschneider@hpaschen.com

Phone: 773-444-3474

Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] PRESIDENT 4-8-2019

Signature for the Subcontractor / Title / Date

Contact: BERNARDO A. ALZATE

Firm Name: ALZATE INC

Email: alzate_bernardo@yahoo.com

Phone: 847-417-9029

Address: 5132 W. LUNT AVE, SKOKIE, IL 60077

(Rev 04/2018) DBE - 13 Contract No I-18-4430

04-09-19;01:35 ; 10/30/2015 10:30 FAX

Unified Certification Program - Search

Contractor Details

Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Alzate, Inc.
Bernardo A. Alzate
5132 W. Lunt Ave
Skokie, IL 60077-3453

County: Cook

Email: alzatez_bernardo@yahoo.com

Phone: 847-417-9029

Fax: 847-674-3256

Categories: Trucking

NAICS	Speciality
484220 - Specialized Freight (except Used Goods) Trucking, Local	484220 - Transport of Gravel, Stone, Sand, Dirt, Asphalt and Concrete

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Version: 1.1.27.5458

Metra

547 W. Jackson Boulevard, Chicago, IL 60661 312.322.6900 metrarail.com

January 7, 2019

Bernardo A. Alzate
Alzate, Inc.
5132 W. Lunt Avenue
Skokie, IL 60077-3453

Dear Mr. Alzate:

Metra has reviewed your annual *No Change Affidavit* and supporting documentation and is pleased to inform you that your firm continues to meet the Disadvantaged Business Enterprise (DBE) program certification eligibility standards set forth in 49 CFR Subpart D 26.61. Your next No Change Affidavit is due **December 21, 2019**. Notification will be sent to you sixty (60) days prior to this date.

This certification allows your firm to participate as a DBE in the Illinois Unified Certification Program (IL UCP). The participating agencies include the Illinois Department of Transportation, the City of Chicago, the Chicago Transit Authority, Metra and Pace.

If there is any change in your certification that affect your ability to meet size standards, disadvantaged status, ownership, or control requirements or any material change in the information provided in your initial application, you must provide written notification to this agency within thirty (30) days of the occurrence of the change. Failure to provide this information is grounds for removal of certification based on failure to cooperate pursuant to 49 CFR 26.109(c).

Your firms name will appear in the IL UCP directory, which is used by prime contractors/consultants, as well as other agencies, to solicit participation of DBE firms. The Directory can be accessed at www.metrarail.com under the Business Diversity DBE link. Your firm's name will appear in the IL UCP DBE Directory under the following:

NAICS Code: 484220

Specialty: Transport of Gravel, Stone, Sand, Dirt, Asphalt and Concrete

Your participation on contracts will only be credited toward DBE contract goals when your firm performs in a Commercially Useful Function (CUF) in its approved area(s) of specialty.

Sincerely,

[redacted]

James R. Thomas, CPPB
Senior Division Director
Office of Business Diversity & Community Relations

JRT:ms

Metra is a registered service mark for the Northeast Illinois Regional Commuter Railroad Corporation.

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Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME:	Livewire Construction
CIRCLE ALL THAT APPLY:	(DBE) (MBE) WBE SBA 8(A)

CHECK ALL THAT APPLY:

PRIME _____ JV PARTNER _____ SUBCONTRACTOR X TRUCKER _____ SUPPLIER _____ MANUFACTURER _____

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): (Y) N	TIER 2 OR BELOW: Y (N)	UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	See Attached			$1,200,000.00		$1,200,000.00
	TOTALS FOR THIS DBE FIRM:			$1,200,000.00		$1,200,000.00

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #15671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

Items JI420040, JI420041, JI420046, & JI503020 is form & pour conc. only

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount. Item 5030025 is form and pour pile caps only

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special [illegible] participation and can subject the contractor to contract sanctions.

[redacted] Roland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor — Title — Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] President 4/4/2019

Signature for DBE Contractor — Title — Date

Contact: Shon Harris
Firm Name: LiveWire Electrical Systems
E-mail: Sharris@livewire-construction.com
Phone: 708-932-6577
Address: 12900 S. Throop St. Calumet Park, IL 60827.

April 9, 2019

F.H. Paschen
5515 N. East River Road Chicago,
Illinois 60656

Attention: Jim Kowalewski

Subject: Illinois-State Toll Highway Authority ISTHA

Dear Mr. Kowalewski,

With reference to the subject, we propose to provide labor and materials to perform the following scope of work:

Cast in place Concrete –

- 50300225 Concrete Structure (Partial) 4792 CYD
- 50300265 Seal Coat Concrete 193 CYD
- 51100100 Slope Wall 4 Inch 660 CYD
- JI420040 Bridge Approach Slab (partial) 1,657 SQ.YD
- JI420041 Transition Approach Slab (Partial) 3,293 SQ.YD
- JI420046 Transition Approach Shoulder Slab (Partial) 144 SQ.YD
- JI503020 HP Conc. Moment Slab Structure (Partial) 787 CYD

Price Items # - $1,200,000.00

12900 S. Throop St. Calumet Park, IL 60827
(P) 708.535.6001 (F) 708.535.6108
www.livewire-systems.com

QUALIFICATIONS:

1. Proposal based on complete equipment and personnel access to areas of proposed work.
2. All work performed during regular working hours (Monday – Friday, 7:00am – 3:30pm). No 2nd or 3rd shift work has been included.
3. Control lines & benchmarks provided by others prior to mobilization.
4. Saw-cutting, demolition, slab-removal & disposal, installation & removal of temporary earth retention, excavation, backfill, subbase installation, hand-excavation for thickened edges/slabs, haul-off of spoils, temporary pavement markings, temporary jobsite security, temporary toilets & ready-mix washout area(s) and adequate temporary jobsite lighting have been excluded.
5. Cost for sending ready mix trucks back to "washout" at ready mix yard will result in additional costs.
6. Furnish & installation of Glass Fiber Reinforced Concrete has been excluded.
7. Furnish & installation of all precast concrete has been excluded.
8. Furnish & installation of specified subbase materials for the above scope of work by others prior to mobilization.
9. Furnish & installation of color-concrete and staining concrete have been excluded.
10. Anchor bolts, embedded steel items, etc. furnished by others.
11. Approved shop drawings for all specified wall/slab inserts provided by others prior to mobilization.
12. Building permits, soil testing & analysis, fees and licenses secured by others.
13. Dewatering based on utilizing single 2" submersible pump during course of installing foundation(s). Utilization of deep wells, well points, etc. will be provided by others.
14. All concrete placed via "pump/off the truck" into areas of proposed work. Concrete for interior slab-on-grade & metal deck topping(s) will be placed via concrete pump/conveyor.
15. Caulking of expansion and control joints by others.
16. Quote subject to review upon receipt of approved & permitted "Construction Issue Drawings."
17. LiveWire has NOT included any costs for engineering & design of above scope of work.
18. Proposal subject to review within 60 calendar days from date of proposal.
19. Forming & pouring on engineered fill and/or supports will result in change order work.
20. Waterproofing, damp-proofing, drain tiles, drainage boards and protection boards have been excluded.
21. Out of sequence work and/or additional mobilization(s) will be subject to additional costs.

22. Winter conditions/cold weather protection has been excluded for all construction. We recommend the GC includes an "allowance" for utilization of any required insulated concrete blankets, tenting and temporary heating. Winter Service Charge for Ready Mix stated separately in the above scope.
23. Hot weather protection of concrete has been excluded.
24. Terms: See Attached LiveWire Exhibit #1.
25. Payment & performance bonds excluded.
26. Contractual work based on the Scope of Work & Qualifications stated herein.
27. **Qualifying Certifications: Disadvantaged Business Enterprise (DBE) & Minority Business Enterprise (MBE).**

Respectfully Submitted,

Rosario Ferraro Jr. E.E.

Rosario Ferraro Jr. E.E.
Sr. Project Manager

CONSTRUCTION, INC.

MBE / DBE / 8a Certified

12900 S Throop St. Calumet Park, IL 60827

P: 708-535-6001|F: 708-535-6108|M:708-228-2895

rferraro@livewire-construction.com |www.livewire-systems.com

OFFICE OF CONTRACT COMPLIANCE
JACQUELINE GOMEZ
DIRECTOR
118 N. Clark. County Building, Room 1020 • Chicago, Illinois 60602 • (312) 603-5502

TONI PRECKWINKLE
PRESIDENT
Cook County Board of Commissioners

RICHARD R. BOYKIN
1st District

DENNIS DEER
2nd District

JERRY BUTLER
3rd District

STANLEY MOORE
4th District

DEBORAH SIMS
5th District

EDWARD M. MOODY
6th District

JESUS G. GARCIA
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13th District

GREGG GOSLIN
14th District

TIMOTHY O. SCHNEIDER
15th District

JEFFREY R. TOBOLSKI
16th District

SEAN M. MORRISON
17th District

July 25, 2018

Mr. LaShon Harris, President
Livewire Electrical Systems, Inc.
12900 S. Throop Street
Calumet Park, IL 60827

Re: Annual Certification Expires: July 25, 2019

Dear Mr. Harris:

Congratulations on your continued eligibility for Certification as a **Minority-owned Business Enterprise (MBE)** by Cook County Government. This certification is valid until **July 25, 2021**; however, you must re-validate your firms' certification annually. We are also in receipt of your request for an expansion of the area of specialty as a Cook County certified **MBE** by Cook County Government.

As a result of our review of your request and supporting documentation, an expansion of Certification is hereby granted to include **Construction: General Contractor and Construction Management Services.** As a condition of continued Certification, you must file a No Change Affidavit within sixty (60) days prior to the date of your annual certification expiration of **July 25, 2019.**

Your firm's name will be listed in Cook County's Directory of certified firms in the following area(s) of specialty:

Construction: Electrical; Telecommunications; and Poured Concrete Foundation and Structure Contractor; General Contractor; and Construction Management Services

Your firm's participation on Cook County contracts will be credited toward **MBE** goals in your area(s) of specialty. While your participation on Cook County contracts is not limited to your specialty, credit toward **MBE** goals will be given only for work performed in the specialty category. Requests for expansion must be submitted to this office along with all documentation necessary to establish the firm's experience or ability to perform in the additional area of specialty.

As a condition of continued Certification during this five (5) year term, you must file a **"No Change Affidavit" within sixty (60) business days prior to the date of Annual Certification Expiration.** Failure to file this Affidavit shall result in the termination of your Certification. You must notify Cook County Government's Office of Contract Compliance of any change in ownership or control or any other matters or facts affecting your firm's eligibility for Certification within **fifteen (15) business days** of such change.

Cook County Government may commence action to remove your firm as an **MBE** vendor if you fail to notify us of any changes of facts affecting your firm's Certification, or if your firm otherwise fails to cooperate with the County in any inquiry or investigation. Removal of status may also be commenced if your firm is found to be involved in bidding or contractual irregularities.

Thank you for your continued interest in Cook County Government's Minority, Women, Veteran, and Service-Disabled Veteran Business Enterprise Programs.

Sincerely,

[redacted]

Jacqueline Gomez
Contract Compliance Director

JG/lar

Certified Profile

CLOSE WINDOW

Print

Business & Contact Information

BUSINESS NAME	**Livewire Electrical Systems, Inc.,** DBA **LiveWire Electrical & Construction, Inc**
OWNER	**Mr. LaShon Harris**
ADDRESS	**12900 S. Throop** **Calumet Park, IL 60827** Map This Address
PHONE	**708-535-6001**
FAX	**708-535-6108**
EMAIL	**sharris@livewire-systems.com**

Certification Information

CERTIFYING AGENCY	**Cook County**
CERTIFICATION TYPE	**MBE - Minority Business Enterprise**
CERTIFICATION DATE	**7/25/2018**
RENEWAL DATE	**7/25/2019**
EXPIRATION DATE	**7/25/2021**
CERTIFIED BUSINESS DESCRIPTION	**Construction: Electrical; Telecommunications; and Poured Concrete Foundation and Structure Contractor; General Contractor; and Construction Management Services**

Commodity Codes

Code	Description
NAICS 236	Construction of Buildings
NAICS 236115	Condominium, single-family, construction general contractors
NAICS 236115	Housing, single-family, construction general contractors
NAICS 236115	Residential construction, single-family, general contractors
NAICS 236220	Addition, alteration and renovation, general contractors, commercial and institutional

	building
NAICS 236220	Construction management, commercial and institutional building
NAICS 238110	Poured Concrete Foundation and Structure Contractors
NAICS 238210	Electrical Contractors and Other Wiring Installation Contractors

Additional Information

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 – DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME:	Livewire Construction
CIRCLE ALL THAT APPLY:	DBE / MBE / WBE / SBA 8(A)

CHECK ALL THAT APPLY:

PRIME _____ JV PARTNER _____ SUBCONTRACTOR ✓ TRUCKER _____ SUPPLIER _____ MANUFACTURER _____

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): Y (N)	TIER 2 OR BELOW: (Y) N	UNDER CONTRACT TO: Stalworth Underground LLC

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
51603000	Drilled Shaft in Soil (Partial, Furnish and Install Concrete)	1 LS	$700,000.00	$700,000.00		$700,000.00
			TOTALS FOR THIS DBE FIRM:	$700,000.00		$700,000.00

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #IS673010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Contract [redacted] participation and can subject the contractor to contract sanctions.

[redacted] Roland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor — Title — Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] President 4/4/2019

Signature for DBE Contractor — Title — Date

Contact: Shon Harris
Firm Name: Livewire Electrical Systems.
E-mail: sharris@livewire-construction.com
Phone: 708-932-6577
Address: 12900 S. Throop St. Calumet Park, IL 60827

April 9, 2019

Stalworth Underground LLC
5515 N. East River Road,
Chicago, Illinois 60656

Attention: Kevin Prosser

Subject: Illinois-State Toll Highway Authority ISTHA

Dear Mr. Prosser

With reference to the subject, we propose to provide labor and materials for the 4990 CYD

Total Price# $700,000.00

12900 S. Throop St. Calumet Park, IL 60827
(P) 708.535.6001 (F) 708.535.6108
www.livewire-systems.com

QUALIFICATIONS:

1. Proposal based on complete equipment and personnel access to areas of proposed work.
2. All work performed during regular working hours (Monday – Friday, 7:00am – 3:30pm). No 2nd or 3rd shift work has been included.
3. Control lines & benchmarks provided by others prior to mobilization.
4. Saw-cutting, demolition, slab-removal & disposal, installation & removal of temporary earth retention, excavation, backfill, subbase installation, hand-excavation for thickened edges/slabs, haul-off of spoils, temporary pavement markings, temporary jobsite security, temporary toilets & ready-mix washout area(s) and adequate temporary jobsite lighting have been excluded.
5. Cost for sending ready mix trucks back to "washout" at ready mix yard will result in additional costs.
6. Furnish & installation of Glass Fiber Reinforced Concrete has been excluded.
7. Furnish & installation of all precast concrete has been excluded.
8. Furnish & installation of specified subbase materials for the above scope of work by others prior to mobilization.
9. Furnish & installation of color-concrete and staining concrete have been excluded.
10. Anchor bolts, embedded steel items, etc. furnished by others.
11. Approved shop drawings for all specified wall/slab inserts provided by others prior to mobilization.
12. Building permits, soil testing & analysis, fees and licenses secured by others.
13. Dewatering based on utilizing single 2" submersible pump during course of installing foundation(s). Utilization of deep wells, well points, etc. will be provided by others.
14. All concrete placed via "pump/off the truck" into areas of proposed work. Concrete for interior slab-on-grade & metal deck topping(s) will be placed via concrete pump/conveyor.
15. Caulking of expansion and control joints by others.
16. Quote subject to review upon receipt of approved & permitted "Construction Issue Drawings."
17. LiveWire has NOT included any costs for engineering & design of above scope of work.
18. Proposal subject to review within 60 calendar days from date of proposal.
19. Forming & pouring on engineered fill and/or supports will result in change order work.
20. Waterproofing, damp-proofing, drain tiles, drainage boards and protection boards have been excluded.
21. Out of sequence work and/or additional mobilization(s) will be subject to additional costs.

22. Winter conditions/cold weather protection has been excluded for all construction. We recommend the GC includes an "allowance" for utilization of any required insulated concrete blankets, tenting and temporary heating. Winter Service Charge for Ready Mix stated separately in the above scope.
23. Hot weather protection of concrete has been excluded.
24. Terms: See Attached LiveWire Exhibit #1.
25. Payment & performance bonds excluded.
26. Contractual work based on the Scope of Work & Qualifications stated herein.
27. **Qualifying Certifications: Disadvantaged Business Enterprise (DBE) & Minority Business Enterprise (MBE).**

Respectfully Submitted,

Rosario Ferraro Jr. E.E.

Rosario Ferraro Jr. E.E.
Sr. Project Manager

CONSTRUCTION, INC.

MBE / DBE / 8a Certified

12900 S Throop St. Calumet Park, IL 60827

P: 708-535-6001|F: 708-535-6108|M:708-228-2895

rferraro@livewire-construction.com |www.livewire-systems.com

OFFICE OF CONTRACT COMPLIANCE
JACQUELINE GOMEZ
DIRECTOR
118 N. Clark, County Building, Room 1020 • Chicago, Illinois 60602 • (312) 603-5502

TONI PRECKWINKLE
PRESIDENT
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1st District

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3rd District

STANLEY MOORE
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GREGG GOSLIN
14th District

TIMOTHY O. SCHNEIDER
15th District

JEFFREY R. TOBOLSKI
16th District

SEAN M. MORRISON
17th District

July 25, 2018

Mr. LaShon Harris, President
Livewire Electrical Systems, Inc.
12900 S. Throop Street
Calumet Park, IL 60827

Re: Annual Certification Expires: July 25, 2019

Dear Mr. Harris:

Congratulations on your continued eligibility for Certification as a **Minority-owned Business Enterprise (MBE)** by Cook County Government. This certification is valid until **July 25, 2021**; however, you must re-validate your firms' certification annually. We are also in receipt of your request for an expansion of the area of specialty as a Cook County certified **MBE** by Cook County Government.

As a result of our review of your request and supporting documentation, an expansion of Certification is hereby granted to include **Construction: General Contractor and Construction Management Services.** As a condition of continued Certification, you must file a No Change Affidavit within sixty (60) days prior to the date of your annual certification expiration of **July 25, 2019**.

Your firm's name will be listed in Cook County's Directory of certified firms in the following area(s) of specialty:

Construction: Electrical; Telecommunications; and Poured Concrete Foundation and Structure Contractor; General Contractor; and Construction Management Services

Your firm's participation on Cook County contracts will be credited toward **MBE** goals in your area(s) of specialty. While your participation on Cook County contracts is not limited to your specialty, credit toward **MBE** goals will be given only for work performed in the specialty category. Requests for expansion must be submitted to this office along with all documentation necessary to establish the firm's experience or ability to perform in the additional area of specialty.

As a condition of continued Certification during this five (5) year term, you must file a "**No Change Affidavit**" **within sixty (60) business days prior to the date of Annual Certification Expiration.** Failure to file this Affidavit shall result in the termination of your Certification. You must notify Cook County Government's Office of Contract Compliance of any change in ownership or control or any other matters or facts affecting your firm's eligibility for Certification within **fifteen (15) business days** of such change.

Cook County Government may commence action to remove your firm as an **MBE** vendor if you fail to notify us of any changes of facts affecting your firm's Certification, or if your firm otherwise fails to cooperate with the County in any inquiry or investigation. Removal of status may also be commenced if your firm is found to be involved in bidding or contractual irregularities.

Thank you for your continued interest in Cook County Government's Minority, Women, Veteran, and Service-Disabled Veteran Business Enterprise Programs.

Sincerely,

[redacted]

Jacqueline Gomez
Contract Compliance Director

JG/lar

Certified Profile

CLOSE WINDOW

Print

Business & Contact Information

BUSINESS NAME	**Livewire Electrical Systems, Inc.,** DBA **LiveWire Electrical & Construction, Inc**
OWNER	**Mr. LaShon Harris**
ADDRESS	**12900 S. Throop** **Calumet Park, IL 60827** Map This Address
PHONE	**708-535-6001**
FAX	**708-535-6108**
EMAIL	**sharris@livewire-systems.com**

Certification Information

CERTIFYING AGENCY	**Cook County**
CERTIFICATION TYPE	**MBE - Minority Business Enterprise**
CERTIFICATION DATE	**7/25/2018**
RENEWAL DATE	**7/25/2019**
EXPIRATION DATE	**7/25/2021**
CERTIFIED BUSINESS DESCRIPTION	**Construction: Electrical; Telecommunications; and Poured Concrete Foundation and Structure Contractor; General Contractor; and Construction Management Services**

Commodity Codes

Code	Description
NAICS 236	Construction of Buildings
NAICS 236115	Condominium, single-family, construction general contractors
NAICS 236115	Housing, single-family, construction general contractors
NAICS 236115	Residential construction, single-family, general contractors
NAICS 236220	Addition, alteration and renovation, general contractors, commercial and institutional

	building
NAICS 236220	Construction management, commercial and institutional building
NAICS 238110	Poured Concrete Foundation and Structure Contractors
NAICS 238210	Electrical Contractors and Other Wiring Installation Contractors

Additional Information

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

DBE FIRM NAME:	Clausen Structures, Inc.
CIRCLE ALL THAT APPLY:	DBE ☑ MBE ☐ WBE ☐ SBA 8(A) ☐

CHECK ALL THAT APPLY:

PRIME ____ JV PARTNER ____ SUBCONTRACTOR X TRUCKER ____ SUPPLIER ____ MANUFACTURER ____

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): Y ☐ N ☑	TIER 2 OR BELOW: Y ☑ N ☐	UNDER CONTRACT TO: Stalworth Underground

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com.
If additional space is needed, complete an additional form(s) for the firm or attach a spreadsheet on DBE firm letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
51602000	Permanent Casing	2391 LF	$300.00	$717,300.00		$717,300.00
50800105	Reinforcement Bars (partial)	1 LS	$432,700.00	$432,700.00		$432,700.00
		TOTALS FOR THIS DBE FIRM:		$1,150,000.00		$1,150,000.00

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #JS671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount. ~~50800105 Reinforcement Bars - install rebar in drilled~~ shafts only $432,700.00

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. **The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE** no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. **Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contractual sanctions.**

[redacted] Roland Schneider, Auth. Agent & VP 4/4/2019

Signature for Prime Contractor — Title

Contact: Roland Schneider
Firm: F.H. Paschen, S.N. Nielsen @ Associates LLC
Email: rschneider@fhpaschen.com
Phone: 773-*444-3474
Address: 5515 N. East River Road, Chicago, Illinois 60656

[redacted] 4/4/2019

Signature for DBE Contractor — Title — Date

Contact: Christina Clausen
Firm: President
Email: Christina@clausenstructures.com
Phone: (630) 257-6969
Address: 1515 Canal Street, Lockport, IL 60441

Illinois Department of Transportation
Office of Business & Workforce Diversity
2300 South Dirksen Parkway / Springfield, Illinois 62764

March 18, 2019

CERTIFIED-RETURN RECEIPT REQUESTED

Ms. Christina Clausen
Clausen Structures, Inc.
1515 Canal St.
Lockport, IL 60441

Dear Ms. Clausen:

The Illinois Department of Transportation (IDOT) has approved the *No Change Affidavit* for Clausen Structures, Inc. and determined that the firm continues to meet DBE eligibility standards to perform work towards DBE goals.

To remain certified and in good standing, you must annually submit a *No Change Affidavit*. IDOT will send an affidavit form 60 days prior to the firm's next anniversary date.

Should the submitted information change, you are required to notify IDOT's Bureau of Small Business Enterprises within 30 days of the change.

Note: Pursuant to 49 CFR Part 26.83(i), whenever there is a change in circumstances affecting your firm's eligibility status, your firm must provide written notification to IDOT within 30 days of the occurrence of the change. If you fail to make timely notification, it may result in the loss of your firm's certification.

If you have any questions, please contact the Bureau of Small Business Enterprises at (217) 782-5490.

Sincerely,

[redacted]

E. Diane Cook Felton, Manager
DBE Certification Section
Bureau of Small Business Enterprises

Illinois Department of Transportation
Office of Business & Workforce Diversity
2300 South Dirksen Parkway / Springfield, Illinois 62764

January 10, 2018

CERTIFIED-RETURN RECEIPT REQUESTED

Ms. Christina Clausen
Clausen Structures, Inc.
1515 Canal St.
Lockport, IL 60441

Dear Ms. Clausen:

The Illinois Department of Transportation (IDOT) has approved the "No Change Affidavit" for Clausen Structures, Inc., and determined that the firm continues to meet DBE eligibility standards to perform work towards DBE goals.

In order to remain certified and in good standing, you must annually submit a No Change Affidavit. IDOT will send an affidavit form 60 days prior to the firm's next anniversary date.

Should the submitted information change, you are required to notify IDOT's Bureau of Small Business Enterprises (bureau) within 30 days of the change.

Note: Pursuant to 49 CFR Part 26.83(i), whenever there are <u>any</u> change in circumstances affecting your firm's eligibility status, your firm <u>must</u> provide written notification to IDOT within 30 days of the occurrence of the change. If you fail to make timely notification, it may result in the loss of your firm's certification.

If you have any questions, please contact the Bureau of Small Business Enterprises at (217) 782-5490.

Sincerely,

[redacted]

Debra A. Clark, Bureau Chief
Bureau of Small Business Enterprises

Unified Certification Program - Search

Contractor Details

Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Clausen Structures, Inc.

Christina Clausen
1515 Canal St.
Lockport, IL 60441

County: Cook

Email: Christina@clausenstructures.com

Phone: (630) 257-6969

Fax: (630) 257-6965

Categories: Construction

NAICS	Speciality
237310-Highway, Street, & Bridge Construction	237310- STEEL, REINFORCING - REBAR PLACEMENT
238120-Structural Steel & Precast Concrete Construction	STEEL, STRUCTURAL - ERECTION
	STRUCTURAL STEEL & PRECAST BRIDGE BEAM ERECTION
	238120- STEEL, REINFORCING - REBAR PLACEMENT (VERTICAL)

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Version: 1.1.27.5458

CMS

ILLINOIS Bruce Rauner, Governor
DEPARTMENT OF CENTRAL MANAGEMENT SERVICES

July 27, 2015

Christina Clausen
Clausen Structures Inc
42 E Montrose Dr
Romeoville, IL 60446-1344

Certification Term Expires: July 27, 2016

Dear Business Owner:

Re: (FBE) Full Certification Approval

Congratulations! We are pleased to inform you that your firm has been granted certification as a Female Business Enterprise (FBE) under the Business Enterprise Program (BEP) for Minorities, Females, and Persons with Disabilities.

Although your full certification is valid for a five-year term until July 27, 2020, you are required to submit an annual Affadavit of No-Change form 60 days prior to the anniversary day of your certification; you will be notified by BEP to update your certification as a condition of continued certification. It is your responsibility to ensure that your firm's certification remains current. In addition, should any changes occur in ownership and/or control of the business or other changes affecting the firm's operations, you are required to notify this office within 14 business days of such changes. Failure to return the annual No-change Affidavit or notify our office of any changes will result in decertification of your firm.

Please be advised, while this certification does not guarantee you will receive a State contract, it does assure your firm the opportunity to participate in the State's procurement process. Your firm's participation on State contracts will be credited only toward Female Business Enterprise (FBE) goals in your area(s) of specialty. Your firm's name will appear in the State's Directory as a certified vendor with the Business Enterprise Program (BEP) in the specialty area(s) of:

METALS, BARS, STEEL
METALS, BARS, CONCRETE REINFORCING

Please visit our website at www.sell2.illinois.gov to obtain information about current and upcoming procurement opportunities, contracts, forms, and also to register to receive email alerts when the State is preparing to purchase a product or service you may provide.

Thank you for your participation in the Business Enterprise Program (BEP). We welcome your participation and wish you continued success.

Sincerely,

[redacted]

Carlos Gutierrez
Certification Manager
Business Enterprise Program

(L13FBE)

Illinois Tollway — *Illinois State Toll Highway Authority "ISTHA"*

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	

DBE FIRM NAME:	
CIRCLE ALL THAT APPLY:	DBE MBE WBE SBA 8(A)

CHECK ALL THAT APPLY:
PRIME _____ JV PARTNER _____ SUBCONTRACTOR _____ TRUCKER _____ SUPPLIER _____ MANUFACTURER _____

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): Y N	TIER 2 OR BELOW: Y N	UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
			TOTALS FOR THIS DBE FIRM:			

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #IS671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. **The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.**

Signature for Prime Contractor — Title — Date

Contact:

Firm Name:

E-mail:

Phone:

Address:

Signature for DBE Contractor — Title — Date

Contact:

Firm Name:

E-mail:

Phone:

Address:

Illinois Tollway

DBE FORM 2023

Demonstration of Good Faith Efforts to Achieve DBE Subcontracting Goal

If the DBE contract goal was not achieved, the Good Faith Efforts checklist and contacts log must be submitted with the bid. Failure to do so may render the Bidder's solicitation response non-responsive and cause it to be rejected, or render the Bidder ineligible for contract award, at ISTHA's sole discretion. The Bidder must provide all evidence relied upon in support of its Good Faith Efforts with its bid.

Good Faith Efforts Checklist

Insert on each line below the initials of the authorized Bidder representative who is certifying the Bidder has completed the activities described below. If any of the items were not completed, attach a detailed written explanation. If any other efforts were made to obtain DBE participation in addition to the items listed below, attach a detailed written explanation.

_____Identified portions of the contract work capable of performance by available DBEs, including, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation even when the Bidder could perform those scopes with its own forces.

_____Solicited through reasonable and available means (e.g., pre-bid meetings, networking session, written notices, advertisements) DBEs to perform the types of work that could be subcontracted on this project, within sufficient time to allow them to respond.

- ILUCP DBE Directory: http://www.idot.illinois.gov/doing-business/certifications/disadvantaged-business-enterprise-certification/il-ucp-directory/index
- City of Chicago's M/WBE Directory: https://chicago.mwdbe.com/FrontEnd/VendorSearchPublic.asp?TN=Chicago
- County of Cook, IL's M/WBE Directory: http://www.cookcountyil.gov/mbewbevbe-directory/
- Small Business Administration's SBA 8(a) Directory: http://dsbs.sba.gov/dsbs/search/dsp_dsbs.cfm

_____Provided timely and adequate information about the plans, specifications and requirements of the contract. Followed up initial solicitations to answer questions and encourage DBEs to submit bids.

_____Negotiated in good faith with interested DBEs that submitted bids and thoroughly investigated their capabilities.

_____Made efforts to assist interested DBEs in obtaining bonding, lines of credit, or insurance as may be required for performance of the contract (if applicable).

_____Utilized resources available to identify available DBEs, including but not limited to DBE assistance groups; local, state and federal minority or women business assistance offices; and other organizations that provide assistance in the recruitment and placement of DBEs.

Affidavit of Truthfulness: Signature below affirms accuracy of Good Faith Efforts and authority to provide above information

Print Name: _____ Phone contact: _____

Position: _____ E-mail address: _____

Signature: _____ Date: _____

Illinois Tollway

DBE FORM 2023

Good Faith Efforts Contacts Log for Soliciting - DBE Participation: Form 2023 continued

Project name: _____ Project number: _____

Bidder name: _____ Contact person: _____

Use this form to document all contacts and responses (telephone, e-mail, fax, etc.) regarding the solicitation of DBEs. Duplicate as needed.

Name of DBE	Date and method of contact	Scope of work solicited	Reason agreement was not reached

Affidavit of Truthfulness: Signature below affirms accuracy of Good Faith Efforts and authority to provide above information

Print Name: _____ **Phone contact:** _____

Position: _____ **E-mail address:** _____

Signature: _____ **Date:** _____

ILLINOIS STATE TOLL HIGHWAY AUTHORITY

FORM 2024 - DBE Trucking Reporting and Verification Form

To be submitted to the CM by the prime contractor at 25%, 50%, 75% of contract completion, FINAL (Request for Release of Final Retainage)

SECTION A: to be completed by Prime Contractor

(a) Contract Number _____

(b) Prime Contractor Name _____

(c) Contract Award Value _____

(d) Amount Earned to Date

(e) Percent Complete [▼] Chose One

(f) Reporting Period: _____ To _____

	(h) Name of DBE Trucking Subcontractor	(i) DBE Trucking Subcontractor Amount from DBE Plan (Form 2025)	(j) Amount Paid to DBE Trucking Subcontractor to Date	(k) Percent of Planned Amount Paid to Date
(g)				#DIV/0!

(h) _____ Signature of Prime Contractor Authorized Agent — Date _____

(i) _____ Printed Name — Title _____

SECTION B: to be completed by DBE Trucking Sub-Contractor

(j) Total value of payments received for trucks owned and operated by this DBE trucker

(k) Total value of payments received for trucks leased and operated by another DBE trucker

(l) Total value of payments received for trucks leased from a Non-DBE trucker

(m)

Number of Trucks

a. _____

b. _____

c. _____

$ -

Total of a, b & c above must be equal to the amount paid to subcontract as disclosed by the prime contractor in Section A (Shaded Cell); include number of trucks for each dollar value.

(n) Total fee or commission received in association with lease of Non-DBE trucks (mark-up)

d. _____

(o) **Total DBE Trucking Participation Based on DBE Special Provision VII.A.**

$ -

Sum of a, b & d above

(p) _____ Signature of DBE Sub-Contractor Authorized Agent — Date _____

(q) _____ Printed Name — Title _____

I certify that I have read and understood the information provided by this form and that all of the foregoing information submitted in this affidavit are true and correct to the best of my knowledge, as of the stated date(s), and that all responses are full and complete, omitting no material information. I authorize the Illinois State Toll Highway Authority to make inquiries to verify the accuracy of the statements made.

I understand that a material or false statement or omission made in connection with this application may be sufficient cause for revocation of a prior DBE certification, initiation of suspension or debarment proceedings, and may subject the person and/or entity making the false statement to any and all civil and criminal penalties available pursuant to applicable Federal and State law.

Signature /Date of Construction Manager (CM)

Diversity Verification Initials / Date

Illinois Tollway

ISTHA DBE Utilization by Period Report – DBE Form 2114

General Information

1	Report Date			
2	Contract No.			
3	Contract Description			
4	Contractor Name			
5	Current Pay Estimate No.			
6	Pay Estimate(s) Covered			
7	Reporting Period		through	

Contract Financials (cumulative)

8	Original Contract Amount ($)	
9	Adjusted Contract Amount ($)	

DBE Financials (cumulative)

10	Current DBE Commitment ($)	
11	Current DBE Commitment (%)	
12	Overall DBE % Paid-To-Date	
13	Overall DBE % Projected-To-Date	

Progress Payment Summary

		Current Period	To-Date
14	Paid to DBE contractors/suppliers ($)	14(a)	14(b)
15	Projected for DBE contractors/suppliers		

Progress Payment Detail

16	**DBE subcontractor/supplier name #1**		
17	Approved 2025 Amount ($)		
18	Projected Amount ($)		
19	Pay Item #(s) worked on by DBE are consistent with those previously approved for this DBE subcontractor/supplier [ ] YES [ ] NO [ ] N/A If no, explanation must be provided in Comments field (24).		
20	% of work completed to date		
		Current Period	**To-Date**
21	Amount Paid ($)	21(a)	21(b)
22	Retainage Held ($)	22(a)	22(b)
23	Retainage Released ($)	23(a)	23(b)
24	Comments		

16	**DBE subcontractor/supplier name #2**		
17	Approved 2025 Amount ($)		
18	Projected Amount ($)		
19	Pay Item #(s) worked on by DBE are consistent with those previously approved for this DBE subcontractor/supplier [ ] YES [ ] NO [ ] N/A If no, explanation must be provided in Comments field (24).		
20	% of work completed to date		
		Current Period	**To-Date**
21	Amount Paid ($)	21(a)	21(b)
22	Retainage Held ($)	22(a)	22(b)
23	Retainage Released ($)	23(a)	23(b)
24	Comments		

16	**DBE subcontractor/supplier name #3**		
17	Approved 2025 Amount ($)		
18	Projected Amount ($)		
19	Pay Item #(s) worked on by DBE are consistent with those previously approved for this DBE subcontractor/supplier [ ] YES [ ] NO [ ] N/A If no, explanation must be provided in Comments field (24).		
20	% of work completed to date		
		Current Period	**To-Date**
21	Amount Paid ($)	21(a)	21(b)
22	Retainage Held ($)	22(a)	22(b)
23	Retainage Released ($)	23(a)	23(b)

24	Comments

16	**DBE subcontractor/supplier name #4**		
17	Approved 2025 Amount ($)		
18	Projected Amount ($)		
19	Pay Item #(s) worked on by DBE are consistent with those previously approved for this DBE subcontractor/supplier [ ] YES [ ] NO [ ] N/A If no, explanation must be provided in Comments field (24).		
20	% of work completed to date		
		Current Period	**To-Date**
21	Amount Paid ($)	21(a)	21(b)
22	Retainage Held ($)	22(a)	22(b)
23	Retainage Released ($)	23(a)	23(b)
24	Comments		

16	**DBE subcontractor/supplier name #5**		
17	Approved 2025 Amount ($)		
18	Projected Amount ($)		
19	Pay Item #(s) worked on by DBE are consistent with those previously approved for this DBE subcontractor/supplier [ ] YES [ ] NO [ ] N/A If no, explanation must be provided in Comments field (24).		
20	% of work completed to date		
		Current Period	**To-Date**
21	Amount Paid ($)	21(a)	21(b)
22	Retainage Held ($)	22(a)	22(b)
23	Retainage Released ($)	23(a)	23(b)
24	Comments		

Notes:

- "Projected amount" is understood to mean, based upon presently available data, that amount which is calculated, estimated, or predicted to be part of the approved DBE commitment for this contract.
- All subcontractors (including 2nd and 3rd tier) must be reported on the DBE 2114 in order to receive DBE credit.

Affidavit

For and on behalf of _____ I, _____
(25) – Printed Company Name (26) – Printed Name of Agent

its duly authorized agent with full power and authority to make this certification, represent, warrant and certify to the Illinois Tollway that this Disclosure represents to the best of my knowledge complete and accurate information on all payments made to date to DBE firms in fulfillment of our DBE Utilization Plan – Forms 2025 & 2026.

27	Title of Agent:	
28	Signature of Agent:	
28	Date of Signature:	

Payer / Preparer / Prime

30	Name:	
31	Title:	
32	Email Address:	
33	Phone No.:	

Illinois Tollway

ISTHA DBE Final Payment Report – DBE Form 2115

General Information

1	Report Date:			
2	Contract No.:			
3	Reporting Period:		Through	

Prime Contractor Information

4	Prime Contractor:	
5	Address:	
6	Telephone:	

Subcontractor Information

7	Subcontractor:	
8	Address:	
9	Telephone:	

Subcontractor Payment

13	Payment Earned during Contract:	
14	Adjustments:	
15	Payment Recvd to date:	
16	Payment withheld due to delinquent debt:	
17	Balance Due:	

Subcontractor Work during Contract:

Pay Item No.	Pay Item Description	Quantity	Unit	Unit Price	Total Amount	Partial Pay Item Descr. (if app.)	Total Earned by Subcontractor
(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
						(26) **Sum:**	

(27)Explanations	

Affidavit: **This form is to verify the work completed and the amount paid to the DBE Subcontractor on the above captioned contract. Under penalty of law for perjury or falsification, the undersigned certifies that the work reported herein was executed by the DBE, that the DBE actually performed, managed and supervised the work, that this represents all payment to the Subcontractor on the above captioned contract, excepting payment withheld due to delinquent debt for which the Subcontractor is responsible, and that the work reported herein conforms to the work reported in the approved Utilization Plan (DBE Form 2026/2025) together with any amendments approved by ISTHA. The undersigned also certifies that he or she is a duly authorized agent with full power and authority to make this certification.**

Prime Contractor

28	Name of Agent:	
29	Title of Agent:	
30	Signature of Agent:	
31	Date of Signature:	

Subcontractor

32	Name of Agent:	
33	Title of Agent:	
34	Signature of Agent:	
35	Date of Signature:	

Capture Application Request for Log-in/Password

I, _____, _____,
(Print the name of signatory party) (Title)

request a **Login** and **Password** for the DBE/EEO Capture Application for

☐ Construction Manager ☐ Prime Contractor

(company name) _____.

Request Type: ☐ New User – **or** -- ☐ I need to add or remove contracts from my existing ID.

My email address is: _____ (only for new user).

I have the responsibility to review DBE/EEO data for the Tollway on contract(s):

# _____ [ ] add [ ] remove	# _____ [ ] add [ ] remove	# _____ [ ] add [ ] remove
# _____ [ ] add [ ] remove	# _____ [ ] add [ ] remove	# _____ [ ] add [ ] remove

Any party reviewing this DBE/EEO data must certify that they have the authority to provide the information contained therein and that the information is complete and accurate.

Print Name:_____ Date _____

User Signature: _____ Date _____

Print Company Name: _____ Date _____

Affidavit: *For and on behalf of*_____
(Printed Company Name)
I, _____, its duly authorized agent with full power
(Printed Name of Agent)
and authority to make this certification, represents, warrant and certify to the Illinois Tollway that this Disclosure is complete and accurate.

Title of Agent:	
Signature of Agent:	
Date of Signature:	

For ease of response, please e-mail this request from the email account listed above to:
dbe@getipass.com

Illinois State Toll Highway Authority

SPECIAL PROVISIONS FOR

EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

1. OBJECTIVE OF THE EQUAL EMPLOYMENT OPPORTUNITY PROGRAM (EEO):

To promote equality of employment opportunity for all individuals including veteran, minority, and female tradespersons on Illinois State Toll Highway Authority (ISTHA or "Tollway") capital construction projects. In its efforts to achieve this equality, it is the desire of ISTHA to follow the guidelines as instituted by the United States Department of Labor, Office of Federal Contract Compliance Programs ("OFCCP") as established through Executive Order 11246 and by Title VII of the Civil Rights Act of 1964, the Illinois Department of Human Rights (IDHR) as established through the Illinois Human Rights Act (Illinois Compiled Statutes, 775 ILCS 5/1 -101, et sequitur), and State of Illinois Executive Order 15-2, Executive Order To Ensure Equal Opportunity Is Provided To All Illinois Persons And Businesses.

2. CONTRACTOR ASSURANCE:

The Contractor will assure that each of its employees and its subcontractors' employees associated with the contract shall not discriminate on the basis of any protected category identified by law in the performance of this contract in compliance with Title VII of the Civil Rights Act of 1964 found in 42 U.S.C § 2000e, *et seq* and Illinois state laws. Discrimination is the unfair treatment or denial of normal privileges to persons because of any characteristic protected by law. The Tollway encourages the prompt reporting of incidents of suspected discrimination, harassment or retaliation, regardless of the offender's identity or position. In the event of the contractor's non-compliance with this Equal Employment Opportunity Special Provision, the contractor may be declared ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and the contract may be cancelled or voided in whole or in part, and other remedies invoked as provided by statute or regulation.

3. EEO GOAL TO BE ACHIEVED BY THE CONTRACTOR:

The EEO goals set by the U.S. Dept. of Labor - Office of Federal Contract Compliance Programs ("OFCCP") for construction trade workers in the Chicago area, which is provided through Executive Order 11246, apply to this contract. The EEO goals are measured through the following percentages of construction aggregated work hours in each of the categories;

Women: at least 6.9 percent for all contracts.

Minorities: set on a contract basis, dependent upon the county where the work will be performed. The Minority Goal for this contract is **19.6%.**

ILLINOIS COUNTY	CURRENT FEDERAL GOAL % FOR MINORITIES	ILLINOIS COUNTY	CURRENT FEDERAL GOAL % FOR MINORITIES
BOONE	6.3	LAKE	19.6
BUREAU	18.4	LASALLE	18.4
COOK	19.6	LEE	4.6
DEKALB	18.4	MCHENRY	19.6
DUPAGE	19.6	OGLE	4.6
GRUNDY	18.4	ROCK ISLAND	4.6
HENRY	4.6	STEPHENSON	4.6
IROQUOIS	18.4	WHITESIDE	3.4
KANE	19.6	WILL	19.6
KENDALL	18.4	WINNEBAGO	6.3

4. DEFINITIONS OF ETHNIC CLASSIFICATIONS:

AMERICAN INDIAN OR ALASKA NATIVE:
Persons having origins in any of the original peoples of North and South American (including Central America), and who maintain tribal affiliation or community attachment.

ASIAN:
Persons having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including for example Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.

BLACK OR AFRICAN AMERICAN:
Persons having origins in any of the Black racial groups of Africa.

HISPANIC:
Persons of Mexican, Puerto Rican, Cuban, Central American, South American, or other Spanish culture or origin, regardless of race.

5. CONTRACT PERFORMANCE

During the performance of this contract, the contractor agrees as follows, as required by the Illinois Department of Human Rights (IDHR) at 44 Ill. Admin. Code 750 (Appendix A):

5.1 That it will, upon receipt of "Notice of Intent" email as low apparent responsive/responsible Bidder, submit EEO Form 1256, Workforce Projection if required by the "Notice of Intent".

5.2 That it will not discriminate against any protected category identified by law; and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.

5.3 That, if it hires additional employees in order to perform this contract or any portion thereof, it will determine the availability (in accordance with IDHR's rules) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.

5.4 That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination of any protected category identified by law.

5.5 That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the contractor's obligations under the Illinois Human Rights Act and the IDHR's Rules. If any such labor organization or representative fails or refuses to cooperate with the contractor in its efforts to comply with such Act and Rules, the contractor will promptly so notify the IDHR and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations thereunder.

5.6 That it will submit reports as required by the IDHR's Rules, furnish all relevant information as may from time to time be requested by the IDHR or the Tollway, and in all respects comply with the Illinois Human Rights Act and the IDHR's Rules.

5.7 That it will abide by the audit clause of the contract.

5.8 That it will include verbatim or by reference the provisions of this clause in every subcontract it awards under which any portion of the contract obligations are undertaken or assumed, so that such provisions will be binding upon such subcontractor. In the same manner as with other provisions of this contract, the contractor will be liable

for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the contracting agency and the IDHR in the event any subcontractor fails or refuses to comply therewith. In addition, the contractor will not utilize any subcontractor declared by the Illinois Human Rights Commission to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

5.9 That it will designate and make known to the Tollway an EEO Officer.

6. CALCULATING EEO PERFORMANCE, CREDIT TOWARDS THE USDOL OFCCP GOALS AND VETERAN PARTICIPATION FOR ILLINOIS EXECUTIVE ORDER 15-12:

Actual amounts of minority, female, and veteran work will be measured for the total hours of construction workers employed on the contract within each of the categories of journeyworker, apprentice and laborer by the Contractor and all of the worksite subcontractors. Minority female trade worker hours are counted in applicable ethnic category, in the veteran category if applicable and also in the female category.

In the certified payroll reports, the following ethnic categories should be used to indicate minority personnel for purposes of reporting compliance with the weekly certified payroll report: American Indian/Alaska Native, Asian, Black/African American, Hispanic and Native Hawaiian/Other Pacific Islander.

Included in the certified payrolls, as "Apprentices" are only bona fide apprentices currently in a training program certified by the U.S. Department of Labor - Bureau of Apprenticeship and Training, and hours credited towards the EEO Program are only those hours the apprentice was employed at the construction site. "Journeyworkers" are the construction site journeyworkers from the major trades. Other "Helpers", watchmen, custodial workers, clerical workers, and salaried superintendents are not creditable in the formula. Hourly wage "Forepersons" and "Forepersons" otherwise known as working forepersons, will be counted as journeyworkers for purposes of the EEO Program reporting.

In addition to the timely submission of certified payroll required by the Prevailing Wage Act (820 ILCS 130) as required by the contract specifications, the Contractor must have submitted all certified payrolls for the Contractor and all subcontractors before the Contractor submits its request for the final release of retention and the final waiver of lien. No adjustments to certified payrolls will be accepted after the transmission of the final waiver of lien.

The contractor and each subcontractor shall permit its employees to be interviewed on the job, during working hours, by compliance personnel of the Tollway, IDHR or the Department of Labor regarding compliance with the terms of this Special Provision.

7. EEO FORM 0003 WORKFORCE ANALYSIS

All contractor and subcontractors' EEO 0003 reports must be submitted electronically to the Tollway.

The party preparing the report must give their name, title, email address and telephone number. The contractor is required to submit EEO Form 0003, Workforce Analysis, electronically monthly and be up-to-date to through the last full month preceding the transmittal of each pay estimate. Failure to submit the EEO 0003 Report(s) electronically **before transmittal of the pay estimate** will cause the pay estimate to be deemed incomplete and will be returned to the Contractor for completion.

The Contractor is responsible for maintaining a hard copy of the Contractor's and subcontractors' certified payrolls, including all properly executed certifications, organized by contract for every construction worksite. Failure to report fully all required workforce information will cause a delay in processing the Contractor's pay estimates. Disclosure of this information is required. Patterns of delinquent reporting may be cause to terminate this contract or such other remedy as the Tollway deems appropriate.

8. SUBCONTRACTOR OBLIGATIONS:

The Contractor is required to clearly identify in their subcontract agreements the specific performance obligations that each subcontractor has toward assisting the Contractor in meeting the EEO goals.

In the same manner as with other provisions of this contract, the Contractor will be responsible for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the Tollway and the IDHR in the event any subcontractor fails or refuses to comply therewith. In addition, the Contractor will not utilize any subcontractor declared by the Illinois Human Rights Commission to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

9. GOOD FAITH EFFORT PROCEDURES:

If the Tollway determines that the Contractor and/or its subcontractors are not in compliance with the EEO goals, the Tollway will notify the Contractor of said non-compliance. The Contractor must submit a Corrective Action Plan within fifteen (15) business days of the date of its receipt of the notice of non-compliance. The Corrective Action Plan must contain evidence of good faith efforts the Contractor has made in an effort to meet the EEO goals and outline the additional good faith efforts the Contractor will be making, including but not limited to timelines, through the remaining life of the contract.

10. CORRECTIVE ACTION PLAN:

The Corrective Action Plan must show that the Contractor made good faith efforts, taking all necessary and reasonable steps to achieve the stated EEO goals. Necessary and reasonable steps are those that could reasonably be expected to employ and retain a sufficient number of minority and female trade workers to meet or exceed the federally set EEO goals for the Illinois county in which work is performed.

Examples of Good Faith Efforts include, but are not limited to, the following:

- Establish and maintain a current list of minority, veteran and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the Contractor or its labor organizations have employment opportunities available, and maintain a record of the organizations' responses.
- Maintain a current file of the names, addresses and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a labor organization, a recruitment source or community organization.
- Develop on-the-job training opportunities and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs funded or approved by the Department of Labor.
- Disseminate the Contractor's EEO policy by providing notice of the policy to labor organizations and training programs and requesting their cooperation in assisting the Contractor in meeting its EEO obligations; by including it in any policy manual and collective bargaining agreement; by publicizing it in the company newspaper, annual report, etc.; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.
- Disseminate the Contractor's EEO policy externally by including it in any advertising in the news media, specifically including minority and female news media, and providing written notification to and discussing the Contractor's EEO policy with other Contractors and Subcontractors with whom the Contractor does or anticipates doing business.

- Direct its recruitment efforts, both oral and written, to minority, female and community organizations, to schools with minority and female students and to minority and female recruitment and training organizations serving the Contractor's recruitment area and employment needs.
- Encourage present minority and female employees to recruit other minority persons and women and, where reasonable, provide after school, summer and vacation employment to minority and female youth both on the site and in other areas of a Contractor's work force.

The Tollway will consider the quality, quantity and intensity of the kinds of efforts that the Contractor and its subcontractors have made throughout the life of the contract. Mere pro forma efforts are not good faith efforts; rather, the Contractor and its subcontractors are expected to have taken those efforts that would be reasonably expected of a Contractor and its subcontractors who are actively trying to employ and retain minority and female trade workers sufficient to meet the contract EEO goals.

11. AMENDED CORRECTIVE ACTION PLAN:

If the Tollway determines that the Contractor has not made a good faith effort to meet the EEO goals, the Tollway will notify the Contractor of that preliminary determination by contacting the responsible company official designated in the Corrective Action Plan. The preliminary determination will include a statement of reasons why a finding of insufficient good faith efforts has been made and may include additional good faith efforts that the Contractor could take to remedy the deficiency. The notification will designate a fifteen (15) business day period during which the Contractor may make additional efforts to demonstrate a good faith effort to meet the EEO goals. The Contractor is not limited by the Tollway's suggestions per Sections 9 and 10 of additional good faith efforts, but may take other actions in order to demonstrate good faith efforts to employ and retain additional minority and female trade workers on the project. The Contractor shall submit an amended Corrective Action Plan if additional employment commitments to meet the EEO contract goal are secured and/or to document its additional good faith efforts. If additional hiring commitments sufficient to meet the EEO contract goal are not secured, the Contractor shall report the final good faith efforts made in the time allotted. All additional efforts taken by the Contractor will be considered as part of the Contractor's good faith efforts. If the Contractor is not able to meet the EEO goal after making additional efforts, the Tollway will make a pre-final determination as to the good faith efforts of the Contractor and will notify the designated responsible Contractor official of the reasons for an adverse determination, if applicable.

12. DETERMINATION OF NON-COMPLIANCE:

If the Tollway determines that the Contractor has failed to make a good faith effort to meet the EEO goals on the contract, the Tollway will document its findings in a "Letter of Non-Compliance" that will become part of the procurement file maintained on the Contractor by the Tollway. The Letter may include a proposed sanction under Section 14 if the Contractor fails to take corrective action in a timely fashion. Upon a finding that a Contractor has failed to make good faith efforts to achieve the applicable EEO goals, the Tollway may exercise any appropriate sanction available to it under Section 14, including the revocation of the contract award to the Contractor and any other remedy available to the Tollway under its contract with the Contractor or by law.

13. ADMINISTRATIVE RECONSIDERATION:

The Contractor may request administrative reconsideration of a Letter of Non-Compliance within the fifteen (15) business days after its receipt of the Letter by actual delivery of a reconsideration request to the Tollway, Department of Diversity and Strategic Development, 2700 Ogden Avenue, Downers Grove, Illinois 60515-1703 or via email to E-mail address: form0003wfa@getipass.com. Deposit of the request in the United States mail on or before the fifth business day shall not be deemed delivery. The Letter of Non-Compliance shall become final if the Contractor fails to submit a timely request for administrative reconsideration. A request may provide additional written documentation and/or argument concerning the issue of whether an adequate good faith effort was made to meet the contract goal.

The Tollway Chief of Diversity and Strategic Development or his/her designee will send the Contractor a written decision within fifteen (15) business days after receipt of the request for reconsideration, unless extended by the

Tollway if a hearing is requested, explaining the basis for finding that the Contractor did or did not meet the EEO goals or demonstrate good faith efforts towards meeting those goals. A decision by the Chief of Diversity and Strategic Development that a good faith effort was made shall be deemed approval of the Corrective Action Plan submitted by the Contractor. A final decision that a good faith effort was not made shall render the Contractor in breach as non-compliant with its contract with the Tollway and may subject the Contractor to sanctions under Section 14.

14. SANCTIONS:

The Contractor's failure to achieve the EEO goals or to demonstrate good faith efforts towards meeting those goals may subject the Contractor to administrative sanctions. These sanctions include, but are not limited to, monetary sanctions, including non-release of retainage, liquidated damages, deeming the Contractor as non-responsible with respect to future business with the Tollway, and other reasonable sanctions as are permitted by law or equity. A Contractor's repeated failure to meet its EEO obligations on Tollway contracts can be grounds for the Tollway to not award future contracts to the Contractor.

In imposing sanctions, the Tollway will consider the bona fide efforts of the Contractor to meet the EEO goals, its history of good faith efforts on other Tollway contracts, the size of the contract, the degree to which the Contractor fell below the EEO goals, and other factors deemed relevant by the Tollway.

15. RECORDS RETENTION AND AUDIT

Refer to the audit clause of the contract.

16. INACCURATE OR FRAUDULENT REPORTING:

Contractors and subcontractors have a duty to accurately report information pursuant to this Special Provision. A Contractor or subcontractor who fails to supply accurate information may be subject to sanctions imposed by the Tollway under Section 14. A Contractor or subcontractor who intentionally supplies inaccurate information may be subject to civil and/or criminal sanctions.

17. OTHER REGULATIONS:

The achievement of the EEO goals does not abrogate other responsibilities of the Contractor to comply with equal employment opportunity requirements under federal or state law, municipal ordinance, prevailing government regulations or terms contained elsewhere in the Contract.

Tollway Contract #:

Prime:

Date:

FORM EEO 1256 - WORKFORCE PROJECTION

The undersigned Bidder has analyzed minority group and female populations, unemployment rates and availability of workers for the location in which this contract work is to be performed, and for the locations from which the Bidder recruits employees, and hereby submits the following workforce projection including a projection for minority and female employee utilization in all job categories in the workforce to be allocated to this contract:

TABLE A

TOTAL Workforce Projection for Contract

JOB CATEGORIES	TOTAL EMPLOYEES		MINORITY EMPLOYEES						TRAINEES			
			BLACK		HISPANIC		*OTHER MINOR.		APPREN-TICES		ON THE JOB TRAINEES	
	M	F	M	F	M	F	M	F	M	F	M	F
Officials (Manager)												
Supervisors												
Foremen												
Clerical												
Equipment Operators												
Mechanics												
Truck Drivers												
Ironworkers												
Carpenters												
Cement Masons												
Electricians												
Pipefitters, Plumbers												
Painters												
Laborers, Semi-Skilled												
Laborers, Unskilled												
TOTAL												

TABLE B

CURRENT EMPLOYEES TO BE ASSIGNED TO CONTRACT

TOTAL EMPLOYEES		MINORITY EMPLOYEES	
M	F	M	F

TABLE C

TOTAL Training Projection for Contract

Employees In Training	Total Employee		Black		Hispanic		*Other Minor.	
	M	F	M	F	M	F	M	F
Apprentices								
On-The-Job Trainees								

* Other minorities are defined as Asians (A) or Native Americans (N). Please specify race of each employee shown in Other Minorities column.

Note: See Instructions on page 2

FORM EEO 1256 - WORKFORCE PROJECTION - continued

A. Included in "Total Employees" under Table A is the total number of new hires that would be employed in the event the undersigned Bidder is awarded this contract.

The undersigned Bidder projects that: (number) _____ new hires would be recruited from the area in which the contract project is located; and/or (number) _____ new hires would be recruited from the area in which the Bidder's principal office or base of operation is located.

B. Included in "Total Employees" under Table A is a projection of numbers of persons to be employed directly by the undersigned Bidder as well as a projection of numbers of persons to be employed by subcontractors.

The undersigned Bidder estimates that (number) _____ persons will be directly employed by the prime contractor and that (number) _____ persons will be employed by subcontractors.

Company _____ Telephone Number _____

_____

Address _____

Instructions: All tables must include subcontractor personnel in addition to prime contractor personnel.

Table A - Include both the number of employees that would be hired to perform the contract work and the total number currently employed (Table B) that will be allocated to contract work, and include all apprentices and on-the-job trainees. The "Total Employees" column should include all employees including all minorities, apprentices and on-the-job trainees to be employed on the contract work.

Table B - Include all employees currently employed that will be allocated to the contract work including any apprentices and on-the-job trainees currently employed.

Table C - Indicate the racial breakdown of the total apprentices and on-the-job trainees shown in Table A.

Illinois Tollway

EEO 0003 Workforce Reporting Worksheet

Contract #		Prepared by	
EEO Contractor/Supplier Name		Title	
Company Contact		E-mail Address	
Period Begin Date		Phone #	
Period End Date			
Current Pay Estimate		% Complete	Mobilization Date
No Hours to Report	☐		
Work Performed			
Narrative Box			

Job Category	✓ CHECK THE CORRECT BOX											ENTER HOURS AND COUNT			
	Gender		Ethnicity							Worker Experience Level			Non-Veteran		Veteran	
	Male	Female	African American	American Indian /AK	Asian	Hispanic	Native Hawaian or other Pacific	Two or More Races	White	Journey - man	App- rentice	On-the-Job Trainee	Hours	Count	Hours	Count

STATE OF ILLINOIS

SPECIAL PROVISION - VETERAN SMALL BUSINESS PARTICIPATION AND UTILIZATION PLAN - CONSTRUCTION

For State Agency/State University Use Only

It is the goal of the State to promote and encourage the continued economic development of small businesses owned and controlled by qualified veterans and that qualified service-disabled veteran-owned small businesses (SDVOSB) and veteran-owned small businesses (VOSB) participate in the State's procurement process as both prime contractors and subcontractors. 30 ILCS 500/45-57.

Contract Goal to be Achieved by Vendor: This solicitation includes a specific **Veteran Small Business** participation goal of **.50%** based on the availability of CMS certified veteran-owned and service-disabled veteran-owned small business (VOSB/SDVOSB) vendors to perform or provide the anticipated services and/or supplies required by this solicitation.

The Veteran Small Business participation goal is applicable to all bids or offers. In addition to the other award criteria established for this solicitation, the Agency will award this contract to a Vendor that meets the goal or makes good faith efforts to meet the goal. This goal is also applicable to change orders and allowances within the scope of work provided by the certified VOSB/SDVOSB vendor. If Vendor is a CMS certified VOSB/SDVOSB vendor, the entire goal is met and no subcontracting with a CMS certified VOSB/SDVOSB vendor is required; however, **Vendor must submit a Utilization Plan indicating that the goal will be met by self-performance.**

The VOSB goal is separate and distinct from the DBE goal. A single firm may not be utilized to achieve credit toward both DBE and VOSB goals on a single project except when the firm is bidding the contract as the Prime Vendor, is certified as both a DBE and VOSB and will commit to meeting the two goals by self-performing the same or greater percentage of work under the contract as the DBE and VOSB goals added together.

Following are guidelines for Vendor's completion of the Utilization Plan. **Please read the guidelines carefully.**

- Utilization Plan (Form 2026) is due with bid
- Good Faith Efforts (Form 2023) is due with bid, if applicable
- Participation Statement (Form 2025) for each Veteran firm listed on the Form 2026 is due by 5:00 p.m. on the fifth calendar day after email notification to the prime by the Tollway of low apparent Bidder status. In no case should a Contractor remove, replace, or reduce the commitment to a Veteran firm listed in the initial Utilization Plan Form 2026 without prior written consent of ISTHA. Under no circumstances is the Bidder allowed to change the amount of the core bid submitted or any other documentation unrelated to this special provision.

Vendor should include any additional information that will add clarity to Vendor's proposed utilization of certified Veteran Small Business vendors to meet the targeted goal. The Utilization Plan must demonstrate that Vendor has either: (1) met the entire contract goal; (2) made good faith efforts towards meeting the entire goal; or (3) made good faith efforts towards meeting a portion of the goal. Any submission of good faith efforts by Vendor shall be considered as a request for a full or partial waiver.

At the time of bid or offer, Vendor, or Vendor's proposed Subcontractor, must be certified with CMS as a VOSB or SDVOSB. Failure to complete a Utilization Plan or provide Good Faith Effort documentation shall render the bid or offer non-responsive or not responsible.

1. If applicable where there is more than one prime vendor, the Utilization Plan should include an executed Joint Venture Agreement specifying the terms and conditions of the relationship between the parties and their relationship and responsibilities to the contract. The Joint Venture Agreement must clearly evidence that the certified VOSB/SDVOSB vendor will be responsible for a clearly defined portion of the work and that its responsibilities, risks, profits and contributions of capital, and personnel are proportionate to its ownership percentage. It must include specific details related to the parties' contributions of capital, personnel, and equipment and share of the costs of insurance and other items; the scopes to be performed by the certified

VOSB/SDVOSB vendor under its supervision; and the commitment of management, supervisory personnel, and operative personnel employed by the certified VOSB/SDVOSB vendor to be dedicated to the performance of the contract. Established Joint Venture Agreements will only be credited toward Veteran Small Business goal achievements for specific work performed by the certified VOSB/SDVOSB vendor. **Each party to the Joint Venture Agreement must execute the bid or offer prior to submission of the bid or offer to the Agency.**

2. An agreement between a vendor and a certified VOSB/SDVOSB vendor in which a certified VOSB/SDVOSB vendor promises not to provide subcontracting or pricing quotations to other vendors is prohibited. The Agency may request additional information to demonstrate compliance. Vendor agrees to cooperate promptly with the Agency in submitting to interviews, allowing entry to places of business, providing further documentation, and to soliciting the cooperation of a proposed certified VOSB/SDVOSB vendor. Failure to cooperate by Vendor and certified VOSB/SDVOSB vendor may render the Bidder or offeror non-responsive or not responsible. **The contract will not be finally awarded to Vendor unless Vendor's Utilization Plan is approved.**

3. **Veteran Small Business Certified Vendor Locator References:** Vendors may consult CMS' Veteran Small Business Vendor Directory at www.sell2.illinois.gov/cms/business, as well as the directories of other certifying agencies, but firms **must be certified with CMS as VOSB/SDVOSB vendors at the time of bid/offer.**

4. **Vendor Assurance:** Vendor shall not discriminate on the basis of race, color, national origin, sexual orientation or sex in the performance of this contract. Failure by Vendor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy, as the Agency deems appropriate. This assurance must be included in each subcontract that Vendor signs with a subcontractor or supplier.

5. **Calculating Certified VOSB/SDVOSB Vendor Participation:** The Utilization Plan documents work anticipated to be performed, or goods/equipment provided by all certified VOSB/SDVOSB vendors and paid for upon satisfactory completion/delivery. Only the value of payments made for the work actually performed by certified VOSB/SDVOSB vendors is counted toward the contract goal. Applicable guidelines for counting payments attributable to contract goals are summarized below:

5.1 The participation of VOSBs will be calculated on the amount of the Core Work, not Contingency Work identified in the bid documents. The Contractor's VOSB commitment will be assessed for any and all Extra Work Orders (EWO) and Change Orders (CO) at the time such orders are issued.

5.1.1 *Contingency Work* is the anticipated work within the scope of the project which is included in the project to cover the work of such an uncertain nature that the location or quantity could not be identified prior to awarding the contract.

5.1.2 *Core Work* is the anticipated work within the scope of the project which is included in the project to cover the work of such a nature that the location and estimated quantity could be identified prior to awarding the contract.

5.2. The value of the work actually performed or goods/equipment provided by the certified VOSB/SDVOSB vendor shall be counted towards the goal. The entire amount of that portion of the contract that is performed by the certified VOSB/SDVOSB vendor, including supplies purchased or equipment leased by the certified VOSB/SDVOSB vendor shall be counted, except supplies purchased and equipment rented from the Prime Vendor submitting this bid or offer.

5.3. A vendor shall count the portion of the total dollar value of the Veteran Small Business contract equal to the distinct, clearly defined portion of the work of the contract that the certified VOSB/SDVOSB vendor performs toward the goal. A vendor shall also count the dollar value of work subcontracted to other certified VOSB/SDVOSB vendor. Work performed by the non-certified VOSB/SDVOSB party shall not be counted toward the goal. **Work that a certified VOSB/SDVOSB vendor subcontracts to a non-certified VOSB/SDVOSB vendor will not count towards the goal.**

5.4. A Vendor shall count toward the goal 100% of its expenditures for materials and supplies required under the contract and obtained from a certified VOSB/SDVOSB manufacturer; 60% of the cost of the materials or supplies required under the contract and obtained from a certified VOSB/SDVOSB regular dealer or supplier shall count toward the VOSB/SDVOSB goal. A Vendor shall count toward the goal the following expenditures to certified VOSB/SDVOSB vendors that are not manufacturers, regular dealers, or suppliers:

5.4.1. The fees or commissions charged for providing a bona fide service, such as professional, technical, consultant or managerial services and assistance in the procurement of essential personnel, facilities, equipment, materials or supplies required for performance of the contract, provided that the fee or commission is determined by the Agency to be reasonable and not excessive as compared with fees customarily allowed for similar services.

5.4.2. The fees charged for delivery of materials and supplies required by the contract (but not the cost of the materials and supplies themselves) when the hauler, trucker, or delivery service is not also the manufacturer or a supplier of the materials and supplies being procured, provided that the fee is determined by the Agency to be reasonable and not excessive as compared with fees customarily allowed for similar services. The certified VOSB/SDVOSB vendor's trucking firm must be responsible for the management and supervision of the entire trucking operation for which it is responsible on the contract, and must itself own and operate at least one fully licensed, insured and operational truck used on the contract.

5.4.3. The fees or commissions charged for providing any bonds or insurance specifically required for the performance of the contract, provided that the fee or commission is determined by the Agency to be reasonable and not excessive as compared with fees customarily allowed for similar services.

5.5. Certified VOSB/SDVOSB vendors who are performing on contract as second tier subcontractors may be counted in meeting the established Veteran Small Business goal for this contract as long as the Prime Vendor can provide documentation indicating the utilization of these vendors.

5.6. A Vendor shall count towards the goal only expenditures to firms that perform a commercially useful function in the work of the contract.

5.6.1. A firm is considered to perform a commercially useful function when it is responsible for execution of a distinct element of the work of a contract and carries out its responsibilities by actually performing, managing, and supervising the work involved. The certified VOSB/SDVOSB vendor must also be responsible, with respect to materials or supplies used on the contract, for negotiating price, determining quality and quantity, ordering the materials or supplies, and installing the materials (where applicable) and paying for the material or supplies. To determine whether a firm is performing a commercially useful function, the Agency shall evaluate the amount of work subcontracted, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing and the credit claimed for its performance of the work, industry practices, and other relevant factors.

5.6.2. A certified VOSB/SDVOSB vendor does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction or contract through which funds are passed through in order to obtain certified VOSB/SDVOSB vendor participation. In determining whether a certified VOSB/SDVOSB vendor is such an extra participant, the Agency shall examine similar transactions, particularly those in which certified VOSB/SDVOSB vendors do not participate, and industry practices.

5.7. A Vendor shall not count towards the goal expenditures that are not direct, necessary and related to the work of the contract. Only the amount of services or goods that are directly attributable to the performance of the contract shall be counted. Ineligible expenditures include general office overhead or

other Vendor support activities.

6. **Good Faith Effort Procedures:** Vendor must submit a Utilization Plan (VOSB Form 2026) and Participation Statement(s)(VOSB Form 2025) that meet or exceed the published goal. If Vendor cannot meet the stated goal,

Vendor must document and explain via VOSB Form 2023 the good faith efforts it undertook to meet the goal. Utilization Plan, Participation Statement(s) and Good Faith Effort are due at the time of bid or offer submission. **Vendors will not be permitted to correct goal deficiencies after bid or offer due dates.** CMS or the State Agency, as its delegate, will consider the quality, quantity, and intensity of Vendor's efforts.

The Utilization Plan contains a checklist of actions that CMS or the State Agency, as its delegate, will consider as evidence of Vendor's good faith efforts to meet the goal. Other factors or efforts brought to the attention of CMS or the State Agency, as its delegate, may be relevant in appropriate cases.

6.1. In evaluating Vendor's good faith efforts, CMS or the State Agency, as its delegate, may consider whether the ability of other Bidders or offerors to meet the contract goal suggests that good faith efforts could have resulted in Vendor meeting the goal.

6.2 If CMS or the State Agency, as its delegate, determines that Vendor has made good faith efforts to meet the goal, the Agency may award the contract provided that Vendor is otherwise eligible for award.

6.3. If CMS or the State Agency, as its delegate, determines that good faith efforts have not been met, the bid or offer may be determined to be non-responsible by the Chief Procurement Office.

7. **Contract Compliance:** Compliance with this section is an essential part of the contract. The following administrative procedures and remedies govern Vendor's compliance with the contractual obligations established by the Utilization Plan. After approval of the Plan and award of the contract, the Utilization Plan becomes part of the contract. If Vendor did not succeed in obtaining certified VOSB/SDVOSB vendor participation to achieve the goal and the Utilization Plan was approved and contract awarded based upon a determination of good faith, the total dollar value of certified VOSB/SDVOSB vendor work calculated in the approved Utilization Plan as a percentage of the awarded contract value shall become the contract goal.

7.1. The Utilization Plan may not be amended after contract execution without the Agency's prior written approval.

7.2. **Vendor may not make changes to its contractual certified VOSB/SDVOSB vendor commitments or substitute certified VOSB/SDVOSB vendors without the prior written approval of the Agency.** Unauthorized changes or substitutions, including performing the work designated for a certified VOSB/SDVOSB vendor with Vendor's own forces, shall be a violation of the utilization plan and a breach of the contract, and shall be cause to terminate the contract, and/or seek other contract remedies or sanctions. The facts supporting the request for changes must not have been known nor reasonably should have been known by the parties prior to entering into the subcontract. Vendor must negotiate with the certified VOSB/SDVOSB vendor to resolve the problem. Where there has been a mistake or disagreement about the scope of work or goods/equipment, provided the certified VOSB/SDVOSB vendor can be substituted only where agreement cannot be reached for a reasonable price or schedule for the correct scope of work, goods or equipment.

7.3. Substitutions of a certified VOSB/SDVOSB vendor may be permitted under the following circumstances:

7.3.1. Unavailability after receipt of reasonable notice to proceed;
7.3.2. Failure of performance;
7.3.3. Financial incapacity;
7.3.4. Refusal by the certified VOSB/SDVOSB vendor to honor the bid or bid price or scope;
7.3.5. Material mistake of fact or law about the elements of the scope of work of a solicitation where a reasonable price cannot be agreed;

7.3.6. Failure of the certified VOSB/SDVOSB vendor to meet insurance, licensing or bonding requirements;
7.3.7. The certified VOSB/SDVOSB vendor's withdrawal of its bid or offer; or
7.3.8. Decertification of the certified VOSB/SDVOSB vendor.

7.4. If it becomes necessary to substitute a certified VOSB/SDVOSB vendor or otherwise change the Utilization Plan, Vendor must notify the Agency in writing of the request to substitute a certified VOSB/SDVOSB vendor or otherwise change the Utilization Plan. The request must state specific reasons for the substitution or change. The Agency will approve or deny a request for substitution or other change in the Utilization Plan within five business days of receipt of the request.

7.5. Where Vendor has established the basis for the substitution to the Agency's satisfaction, it must make good faith efforts to meet the contract goal by substituting a certified VOSB/SDVOSB vendor. Documentation of a replacement certified VOSB/SDVOSB vendor, or of good faith efforts to replace the certified VOSB/SDVOSB vendor, must meet the requirements of the initial Utilization Plan. If the goal cannot be reached and good faith efforts have been made, Vendor may substitute with a non-certified VOSB/SDVOSB vendor or Vendor may perform the work.

7.6. If a Vendor plans to hire a subcontractor for any scope of work that was not previously disclosed in the Utilization Plan, Vendor must obtain the approval of the Agency to modify the Utilization Plan and must make good faith efforts to ensure that certified VOSB/SDVOSB vendors have a fair opportunity to submit a bid or offer on the new scope of work.

7.7. A new certified VOSB/SDVOSB vendor agreement must be executed and submitted to the Agency within five business days of Vendor's receipt of the Agency's approval for the substitution or other change.

7.8. Vendor shall maintain a record of all relevant data with respect to the utilization of certified VOSB/SDVOSB vendors, including but without limitation, payroll records, invoices, canceled checks and books of account for a period of at least five years after the completion of the contract. Full access to these records shall be granted by Vendor in a timely fashion upon written demand by the Agency to any duly authorized representative thereof, or to any municipal, state or federal authorities. The Agency shall have the right to obtain from Vendor any additional data reasonably related or necessary to verify any representations by Vendor. After the performance of the final item of work or delivery of material by the certified VOSB/SDVOSB vendor and final payment to the certified VOSB/SDVOSB vendor by Vendor, but not later than 30 calendar days after such payment, Vendor shall submit a statement confirming the final payment and the total payments made to the certified VOSB/SDVOSB vendor under the contract.

7.9. The Agency will periodically review Vendor's compliance with these provisions and the terms of its contract. Without limitation, Vendor's failure to comply with these provisions or its contractual commitments as contained in the Utilization Plan, failure to cooperate in providing information regarding its compliance with these provisions or its Utilization Plan, or provision of false or misleading information or statements concerning compliance, certification status or eligibility of the certified VOSB/SDVOSB vendor, good faith efforts or any other material fact or representation shall constitute a material breach of this contract and entitle the Agency to declare a default, terminate the contract, or exercise those remedies provided for in the contract or at law or in equity.

7.10. The Agency reserves the right to withhold payment to Vendor to enforce these provisions and Vendor's contractual commitments. Final payment shall not be made pursuant to the contract until Vendor submits sufficient documentation demonstrating compliance with its Utilization Plan.

ILLINOIS STATE TOLL HIGHWAY AUTHORITY
VOSB FORM 2026 - UTILIZATION PLAN

PRIME CONTRACTOR:_____
CONTACT NAME:_____
CONTACT PHONE NUMBER:_____
CONTACT E-MAIL:_____

CONTRACT NUMBER_____

Check one:

☐ Contractor will meet or exceed the VOSB Contract Goal and will provide Veteran Owned Small Business Participation as presented below.

☐ Contractor will meet or exceed the VOSB Contract Goal because PRIME BIDDER IS A VOSB.

☐ Contractor requests a waiver of the VOSB Contract Goal.

The Bidder is requesting the contract Goal be accordingly modified or waived. Attached is all information required by the Veteran Small Business Participation and Utilization Plan-Construction in support of this request, including Good Faith Efforts - Form 2023.

DOLLAR AMOUNT OF WAIVER REQUEST:_____

PERCENTAGE OF WAIVER REQUEST: _____

Instructions to Bidders:

1. Bidders are required to comply with the Veteran Small Business Participation and Utilization Plan - Construction
2. Submit only one Veteran Utilization Plan for each Project.
3. This Utilization Plan, Form 2026 must:
   --be submitted with the bid or the bid may be deemed non-responsive
   --be an accurate representation of work and pricing agreed upon between the prime and the Veteran firm prior to bid submission
4. The Participation Statement(s) (VOSB Form 2025), with original signatures, pay item description and pricing are to be submitted to Tollway Diversity at constructionbid@getipass.com by 5 p.m. on the fifth calendar day after notification to the prime by the Tollway of apparent low Bidder status.
5. Each company listed on the Utilization Plan and subsequent Participation Statement must be listed in a certifying agency's database as stipulated in the Special Provision at the time of bid submission to be considered acceptable for Veteran credit.
6. In no case should a Contractor remove, replace or reduce the commitment to a Veteran firm listed in the initial Utilization Plan on the Participation Statement without prior written consent of ISTHA. Under no circumstances is the Bidder allowed to change the amount of the core bid submitted or any other documentation unrelated to this special provision.

VOSB UTILIZATION PLAN		
VOSB Firm Name	Scope of Work Brief description of overall work to be performed	VOSB - Amount ($) If supplier, enter 60% credit amount.
	TOTAL	

For ebid: the submission of Form 2026 constitutes signature of this form.
For hardcopy: signature required.

_____
Signature

Form 2026 - 03/2018

F.H. PASCHEN

5515 N. East River Road, Chicago, IL 60656
Main 773.444.3474 | Direct 773.444.1588 | Fax 773.693-0064
kpattison@fhpaschen.com | www.fhpaschen.com
Build with Paschen
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From: Rivers, Charissa <crivers@getipass.com>
Sent: Tuesday, May 7, 2019 9:51 AM
To: Kathleen Pattison <KPattison@FHPaschen.com>
Cc: Allen, Jeffrey <jallen@getipass.com>
Subject: Hooks AV LLC
Importance: High

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning Kathleen,

Jeff talked to our diversity department this morning and they have agreed to remove them from the VOSB plan. Hooks can always be readded when the debt is cleared. Could you please send me an email acknowledging and confirming that you agree that Hooks will be removed.

If you have any questions, please let me know.

Thank you!

Chrissy Rivers
Illinois Tollway – PMO
2700 Ogden Avenue
Downers Grove, IL 60515
(630) 241-6800 x4962
crivers@getipass.com

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Date: 5/7/2019

To: Contact Name: Roland Schneider
Contractor Company Name: F.H. Paschen, S.N. Nielsen & Assoc., LLC

From Deanna Dinkel
DBE Project Specialist

Please note in accordance with the Procurement code (30 ILCS 500), section 50-11 prohibits a person from entering into a contract with a State agency, or entering into a sub-contract, if it, or any affiliate, is delinquent in the payment of any debt to the State, unless the person or affiliate has entered into a deferred payment plan to pay off the debt. (Procurement reform bill can be referenced on the Illinois Tollway website)

Subject: **VOSB Plan Review** **Date Original Plan Submitted:** 3/14/2019 **Revision #** 1

Contract # I-18-4430 **Established VOSB Goal:** 0.50 %

Contract Description: Roadway and Bridge Reconstruction - Tri-State Tollway (I-294) - Mile Long Bridge - Mile Post 20.7 to Mile Post 22.3 - Sta 5096+23.33 to Sta 1176+62.01

[X] Contractor's plan as submitted meets the established VOSB goal for this contract

Notes: Remove Hooks AV until deliquent debt is cleared.

VOSB Plan as Submitted by apparent low bidder:

Contract Award Amount **$173,311,677.19**

VOSB Firm Name	Status (SB/Sup/TK)	Type	Scope	Contract Amount	Credit Amount	Credit %	Certifying Agency	Gender	Ethnicity
Collins Engineers, Inc.	SB	VOSB	Engineering services	$100,000.00	$100,000.00	0.05 %	CMS	M	Caucasian
Excel Ltd Inc	SB	VOSB	Electrical manufacture	$121,754.00	$121,754.00	0.07 %	CMS	M	Caucasian
Industrial Fence, Inc.	SB	VOSB	Fence / guardrail	$817,115.13	$817,115.13	0.47 %	CMS	M	Hispanic
Total # of subcontracts: 3			**TOTAL**	**$1,038,869.13**	**$1,038,869.13**	**0.59 %**			
Total # of subcontractors: 3			**Total %**	**0.59 %**	**0.59 %**				

Illinois State Toll Highway Authority

VOSB CONSTRUCTION

ILLINOIS STATE TOLL HIGHWAY AUTHORITY
VOSB FORM 2026 - UTILIZATION PLAN

PRIME CONTRACTOR: F.H. Paschen, S.N. Nielsen & Assoc LLC
CONTACT NAME: Roland Schneider
CONTACT PHONE NUMBER: 773-444-3474
CONTACT E-MAIL: rschneider@fhpaschen.com

CONTRACT NUMBER I-18-4430

Check one:

☐ Contractor will meet or exceed the VOSB Contract Goal and will provide Veteran Owned Small Business Participation as presented below.

☐ Contractor will meet or exceed the VOSB Contract Goal because PRIME BIDDER IS A VOSB.

☐ Contractor requests a waiver of the VOSB Contract Goal.

The Bidder is requesting the contract Goal be accordingly modified or waived. Attached is all information required by the Veteran Small Business Participation and Utilization Plan-Construction in support of this request, including Good Faith Efforts - Form 2023.

DOLLAR AMOUNT OF WAIVER REQUEST: _____

PERCENTAGE OF WAIVER REQUEST: _____

Instructions to Bidders:

1. Bidders are required to comply with the Veteran Small Business Participation and Utilization Plan - Construction
2. Submit only one Veteran Utilization Plan for each Project.
3. This Utilization Plan, Form 2026 must:
   --be submitted with the bid or the bid may be deemed non-responsive
   --be an accurate representation of work and pricing agreed upon between the prime and the Veteran firm prior to bid submission
4. The Participation Statement(s) (VOSB Form 2025), with original signatures, pay item description and pricing are to be submitted to Tollway Diversity at constructionbid@getipass.com by 5 p.m. on the fifth calendar day after notification to the prime by the Tollway of apparent low Bidder status.
5. Each company listed on the Utilization Plan and subsequent Participation Statement must be listed in a certifying agency's database as stipulated in the Special Provision at the time of bid submission to be considered acceptable for Veteran credit.
6. In no case should a Contractor remove, replace or reduce the commitment to a Veteran firm listed in the initial Utilization Plan on the Participation Statement without prior written consent of ISTHA. Under no circumstances is the Bidder allowed to change the amount of the core bid submitted or any other documentation unrelated to this special provision.

VOSB UTILIZATION PLAN

VOSB Firm Name	Scope of Work Brief description of overall work to be performed	VOSB - Amount ($) If supplier, enter 60% credit amount.
Hooks AV LLC	Curb + Gutter	83,949.51
Industrial Fence	Fence + Guardrail	817,115.13
Collins Engineering	Engineering Services	100,000.00
Excel LTD	Electrical Manufacturer	121,754.00
	TOTAL	$1,122,818.64

For ebid: the submission of Form 2026 constitutes signature of this form.
For hardcopy: signature required

[redacted]

Signature Roland Schneider, Authorized Agent & VP

Form 2026 - 03/2018

Illinois State Toll Highway Authority "ISTHA"

VOSB FORM 2025 - VOSB PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

VOSB FIRM NAME:	Industrial Fence, Inc.
CIRCLE ALL THAT APPLY:	VOSB SDVOSB

CHECK ALL THAT APPLY:						
PRIME ____	JV PARTNER ____	SUBCONTRACTOR ✓	TRUCKER ____	SUPPLIER ____	MANUFACTURER ____	

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): [Y] N	TIER 2 OR BELOW: Y (N)	UNDER CONTRACT TO:

This form must be completed for EACH veteran-owned business participating in the VOSB Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on VOSB firm company letterhead.

PAY ITEM NO.*	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL VOSB CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	SEE ATTACHED					
	TOTALS FOR THIS VOSB FIRM:			$ 87,115.13		

*Contingency Work must not be included under Pay Items and will not be approved toward VOSB goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #JS671010, will not be approved within the VOSB Utilization Plan. NOTE that these items are not included in the determination of the VOSB Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the VOSB listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the VOSB may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the VOSB on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the VOSB identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the VOSB no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the STATE OF ILLINOIS VETERAN SMALL BUSINESS PARTICIPATION AND UTILIZATION PLAN and can subject the contractor to contract sanctions.

[redacted] Roland Schneider, Auth. Agent & VP 4-4-2019

Signature for Prime Contractor — Title — Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, IL 60656

[redacted] President April 5, 2019

Signature for VOSB Contractor — Title — Date

Contact: Miguel A. Saltijeral
Firm Name: Industrial Fence, Inc.
E-mail: msaltijeral@industrialfenceinc.com
Phone: 773-521-9900
Address: 1300 S. Kilbourn Ave., Chicago, IL 60623

INDUSTRIAL FENCE INC.

Manufactured in the USA. Veteran & Minority Owned.

GC: F.H. Paschen, S.N. Nielsen & Associates LLC

Contact: Jake Vickers

Phone: (773) 444-3474

Email: jvickers@FHPaschen.com

IFI Bid Proposal

Estimate Date: 04/05/2019

Work Order No: E19121

Project Name: ISTHA I-18-4430 FHP

Description	Unit	Quantity	Unit Price	Total Price
10 Chain Link Fence				
X6640525 - CH LK FENCE 4 ATT STR	LF	1,000.00	40.05	40,050.00
JI664305 - Right Of Way Fence (ROW) Ty 1 6'	LF	4,347.00	15.31	66,552.57
JI664310 Corner Post ROW Ty 1	EA	17.00	678.35	11,531.95
JI664315 Pull Pst ROW Ty 1	EA	6.00	678.35	4,070.10
JI664320 End Pst ROW Fence Ty1	EA	9.00	678.35	6,105.15
JI664335 Dbl Veh Gate ROW TY 1	EA	5.00	1,987.91	9,939.55
JI664400 ROW Fence Removal	LF	4,844.00	6.29	30,468.76
JI664615 Temp Chain Link Fence 8' Screening Type 1	LF	569.00	28.05	15,960.45
JI664620 Temp Chain Link Fence 8' Screening Type 2	LF	5,746.00	27.76	159,508.96
JI664621 Temp Chain Link Fence 8' with Screening Removal	LF	2,500.00	8.13	20,325.00
Incidental 4' Chain Link Fence on Wall	LF	969.00	40.05	38,808.45
Incidental 4' Temp Chain LInk Fence for Temp Soil Retention System	LF	201.00	15.31	3,077.31
				$406,398.25
30 Guardrail				
63100085 Traffic Barrier Terminal Ty 6	EA	2.00	3,282.94	6,565.88
63200310 Guardrail Removal	LF	4,740.00	6.35	30,099.00
64300260 IMP ATTEN FRD NAR TL-3	EA	2.00	27,867.92	55,735.84
70600280 - IMP ATTN TEMP SUN TL3	EA	3.00	13,688.69	41,066.07
70600370 - IMP ATTN REL SUN TL3	EA	7.00	3,258.69	22,810.83
78200006 GRDRAIL REF TYPE B	EA	2.00	8.71	17.42
JI630002 SPBGR Ty A 6' Post	LF	63.40	26.62	1,687.70
JI630004 SPBGR Ty A 9' Post	LF	500.00	32.12	16,060.00
JI631112 TBT Ty 1A Spl	EA	1.00	3,510.92	3,510.92
JI631120 Traffic Barrier Terminal Ty 2	EA	1.00	1,243.53	1,243.53
JI631130 Traffic Barrier Terminal Ty 6	EA	1.00	3,631.61	3,631.61
JI631135 Traffic Barrier Terminal Ty 6B	EA	1.00	3,741.87	3,741.87
JI631140 Traffic Barrier Terminal Ty 10	EA	1.00	465.52	465.52
JI633032 R&R SPBGR Ty A 6' Post	LF	60.00	15.69	941.40
JI664325 - PEDESTRIAN GATE, RIGHT-OF-WAY FENCE,	EA	3.00	1,615.41	4,846.23

INDUSTRIAL FENCE INC.

Manufactured in the USA. Veteran & Minority Owned.

GC: F.H. Paschen, S.N. Nielsen & Associates LLC

IFI Bid Proposal

Contact: Jake Vickers

Estimate Date: 04/05/2019

Phone: (773) 444-3474

Work Order No: E19121

Email: jvickers@FHPaschen.com

Project Name: ISTHA I-18-4430 FHP

TYPE 1				
JI706282 Impact Attenuator Temp SUN TL3 to Remain in Place	EA	5.00	30,633.31	153,166.55
JI706331 Impact Attenuator Relocate FR TL3 to Remain in Place	EA	8.00	3,794.97	30,359.76
JI725000 TERMINAL MARKER -DA	EA	1.00	43.53	43.53
JI782014 Guardrail Barrier Reflector Type B	EA	14.00	8.71	121.94
JS120710 Energy Attenuator	EA	1.00	33,584.62	33,584.62
JS120720 Energy Atten Removal	EA	1.00	1,016.66	1,016.66
				$410,716.88

Totals $817,115.13

We would like to thank you for the opportunity to bid on this project. It has been a pleasure serving you. We express our sincere appreciation for your business. At Industrial Fence, Inc. we value your business and recognize the importance of service, quality and value.

Exclusions:

- Railroad, Professional Liability & Pollution Insurance
- Demo of existing fencing or footings
- No bonds, permits, licenses and/or fees
- Removal or install of Concrete Pads for Attenuator
- Survey / Layout
- No taxes included
- Multiple installations or removals
- Grounding
- Traffic-Control
- Excessive Mobilization
- No Bituminous Shoulder Coring of Fill (art. 630.06) FOR GUARDRAIL INSTALLATION** (Core Drilling PER HOLE $45.00 extra)
- No express or implied design build included to proposal.
- WBE / EEO Requirements
- Additional Required Insurance Coverages
- Concrete removal or rock/hard ground drilling/coring
- No clearing or Grubbing for fence removal or installation
- All work performed during regular work hours 7am to 3.30pm
- Widening of existing shoulder for construction of TBT Type 1 SPL
- QA-QC Testing & Inspection
- Grading or Restoration
- Unforeseen Conditions
- Liquidated & Unliquidated Damages
- Flagmen
- All work to be performed under normal conditions.
- Damages caused by motorists or other contractors
- Installation for imbeds (cast by others)
- Damages caused by Unmarked Utilities
- Removal or install of Concrete/Asphalt Pad for Temporary/Permanent
- Per IDOT Section 706.06 Impact Attenuators Temporary, any Maintenance or Repairs to the Unit will be completed on T&M
- Indemnification for Contractor negligence or fault
- Hand Digging Utilities
- No Restoration included with Removal Items
- Exclude top Soil, pulverizing, asphalt, etc. for any steel plate beam guardrail adjustment.
- Attenuator rental is per project
- Normal wear & tear, weather, Dewatering, Snow Removal
- Guardrail Leave Outs
- Lane closures

IFI chooses to participate in the Option for Steel Cost Adjustment

1300 S. Kilbourn Ave Chicago, IL 60623 Tel 773.521.9900 Fax 773.521.9904 www.industrialfenceinc.com

CMS

ILLINOIS Bruce Rauner, Governor
DEPARTMENT OF CENTRAL MANAGEMENT SERVICES
Michael M. Hoffman, Acting Director

May 7, 2018

Miguel A. Saltijeral
Industrial Fence, Inc.
1300 S. Kilbourn Ave
Chicago, IL 60623

Dear Business Owner:

Re: NCA Certification Approval Veteran Owned Small Business (VOSB)
Certification Term Expires: July 22, 2019

Congratulations! After reviewing the No-Change Affidavit (NCA) information you supplied, we are pleased to inform you that your firm has been granted continued certification under the Veteran Business Program (VBP).

Please be advised, while this certification does not guarantee you will receive a State contract, it does assure your firm the opportunity to participate in the State's procurement process. Your firm's participation on State contracts will be credited only toward Veteran Owned Small Business (VOSB) goal in your area(s) of specialty. Your firm's name will appear in the State's Directory as a certified vendor with the VBP in the specialty area(s) of:

NIGP 33010: FENCING, CONCRETE OR ROCK
NIGP 66523: BUMPER AND GUARD RAILS, POLY, (SEE CLASS 570 FOR METAL TYPE)
NIGP 98815: FENCE INSTALLATION, MAINTENANCE AND REPAIR

Please visit our website at www.sell2.illinois.gov to obtain information about current and upcoming procurement opportunities, contracts, forms, and also to register to receive email alerts when the State is preparing to purchase a product or service that you may provide.

Thank you for your participation in the VBP. We welcome your participation and wish you continued success.

Sincerely,

[redacted]

Carlos Gutiérrez
Certification Manager
Veteran Business Program

Illinois State Toll Highway Authority "ISTHA"

VOSB FORM 2025 - VOSB PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

VOSB FIRM NAME:	Collins Engineers								
CIRCLE ALL THAT APPLY:	☑ VOSB	☐ SDVOSB	ETHNICITY:	☐ Af-Am	☐ As In	☐ As Pac	☐ Hisp	☑ Cauc	GENDER: ☑ M ☐ F

CHECK ALL THAT APPLY

PRIME ☐ JV PARTNER ☐ SUBCONTRACTOR ☒ TRUCKER ☐ SUPPLIER ☐ MANUFACTURER ☐

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME):	☐ Y ☒ N	TIER 2 OR BELOW:	☒ Y ☐ N	UNDER CONTRACT TO:	DANNM'S CONSTRUCTION CO LLC

This form must be completed for EACH VOSB participating in the VOSB Utilization Plan.
Attach this form to the VOSB Utilization Plan form, VOSB Form 2026. If additional space is needed, complete an additional form(s) for the firm or attach a spreadsheet on company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL VOSB CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
J1505231	F&E Structural Steel NO.1 - PARTIAL	1	$100,000-	$100,000-		$100,000.00
	TOTALS FOR THIS VOSB FIRM:			$100,000-		$100,000.00

*Contingency Work must not be included under Pay Items and will not be approved toward VOSB goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #JS671010, will not be approved within the VOSB Utilization Plan. NOTE that these items are not included in the determination of the VOSB Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount. J1505231 - ENGINEERING SERVICES ONLY

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the VOSB listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the VOSB may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the VOSB on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the VOSB identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the VOSB no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the STATE OF ILLINOIS VETERAN SMALL BUSINESS PARTICIPATION AND UTILIZATION PLAN and can subject the contractor to contract sanctions.

[redacted] ROLAND SCHNEIDER AGENT 4/4/19
Signature for Prime Certifying Below — Title

Date: 4/4/19
Contact: ROLAND SCHNEIDER
Phone: 773-444-3474
Firm Name: FH. PASCHEN, S.N. NIELSEN & ASSOCIATES LLC
Address: 5515 N. EAST RIVER ROAD CHICAGO, ILLINOIS 60656

[redacted] SENIOR V P
Signature for VOSB Contractor — Title

Date: 04/08/19
Contact: JAMES HAMELKA
Phone: 312.236.5117
Firm Name: Collins Engineers, Inc.
Address: 123 N. Wacker Dr., Suite 900, Chicago, IL 60606

Illinois State Toll Highway Authority "ISTHA"

VOSB FORM 2025 - VOSB PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

VOSB FIRM NAME:	Collins Engineers									
CIRCLE ALL THAT APPLY:	☑ VOSB	☐ SDVOSB	ETHNICITY:	☐ AF-Am	☐ As In	☐ As Pac	☐ Hisp	☑ Cauc	GENDER:	☑ M ☐ F

CHECK ALL THAT APPLY:

PRIME ☐ JV PARTNER ☐ SUBCONTRACTOR ☒ TRUCKER ☐ SUPPLIER ☐ MANUFACTURER ☐

SUBCONTRACTOR: TIER 1 (SUB TO PRIME): ☐ Y ☒ N TIER 2 OR BELOW: ☒ Y ☐ N UNDER CONTRACT TO: DANNM'S CONSTRUCTION CO LLC

This form must be completed for EACH VOSB participating in the VOSB Utilization Plan.
Attach this form to the VOSB Utilization Plan form, VOSB Form 2026. If additional space is needed, complete an additional form(s) for the firm or attach a spreadsheet on company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL VOSB CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
J1505231	F&E Structural Steel NO.1 - PARTIAL		$100,000-	$100,000-		$100,000.00
			TOTALS FOR THIS VOSB FIRM:	$100,000-		$100,000.00

REVISED

*Contingency Work must not be included under Pay Items and will not be approved toward VOSB goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #J5671010, will not be approved within the VOSB Utilization Plan. NOTE that these items are not included in the determination of the VOSB Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount. J1505231 - ENGINEERING SERVICES ONLY

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the VOSB listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the VOSB may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the VOSB on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the VOSB identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the VOSB no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the STATE OF ILLINOIS VETERAN SMALL BUSINESS PARTICPATION AND UTILIZATION PLAN and can subject the contractor to contract sanctions.

[redacted] ROLAND SCHNEIDER, AGENT 4/4/ [redacted]

Signature for Prime Contractor — Title

Date: 4/4/19
Contact: ROLAND SCHNEIDER
Phone: 773-444-3474
Firm Name: FH. PAULSEN, S.N. NIELSEN & ASSOCIATES LLC
Address: 5515 N. EAST RIVER ROAD, CHICAGO, ILLINOIS 60656

Signature for VOSB Contractor — Title

Date: 04/08/19
Contact: Michael Haas
Phone: 312-236-2458
Firm Name: Collins Engineers, Inc.
Address: 123 N. Wacker Dr., Suite 900, Chicago, IL 60606

CLOSE WINDOW

Print

Business & Contact Information

Business Name	**Collins Engineers, Inc.**
Owner	**Mr. THOMAS COLLINS**
Address > Map This Address	**123 N. WACKER DR., STE 900** **CHICAGO, IL 60606**
Phone	**312-704-9300**
Fax	**312-704-9320**
Email	dcecchi@collinsengr.com
Ethnicity	**Caucasian**
Gender	**Male**
County	**Cook (IL)**

Certification Information

Certifying Agency	**State of Illinois Central Management Services**
Certification Type	**VOSB - Veteran Owned Small Business**
Renewal Date	**12/10/2018**
Expiration Date	**12/10/2019**
Certified Business Description	**ARCHITECTURAL SERVICES, PROFESSIONAL** **ENGINEERING SERVICES, PROFESSIONAL**

Commodity Codes

Code	Description
NIGP 90600	ARCHITECTURAL SERVICES, PROFESSIONAL
NIGP 92500	ENGINEERING SERVICES, PROFESSIONAL

Additional Information

Region	**Metro Chicago**

Illinois State Toll Highway Authority "ISTHA"

VOSB FORM 2025 - VOSB PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4430

VOSB FIRM NAME:	Excel Ltd. Inc.
CIRCLE ALL THAT APPLY:	(VOSB) SDVOSB

CHECK ALL THAT APPLY:

PRIME _____ JV PARTNER _____ SUBCONTRACTOR _____ TRUCKER _____ SUPPLIER _____ MANUFACTURER: ✓

SUBCONTRACTOR: TIER 1 (SUB TO PRIME): Y (N) TIER 2 OR BELOW: (Y) N UNDER CONTRACT TO: John Burns Construction

This form must be completed for EACH veteran-owned business participating in the VOSB Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on VOSB firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL VOSB CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	See Attached					
	TOTALS FOR THIS VOSB FIRM:			$ 121,750.00		

*Contingency Work must not be included under Pay Items and will not be approved toward VOSB goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #US671010, will not be approved within the VOSB Utilization Plan. NOTE that these items are not included in the determination of the VOSB Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the VOSB listed below has agreed to perform a commercially useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the VOSB may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the VOSB on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the VOSB identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the VOSB no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the STATE OF ILLINOIS VETERAN SMALL BUSINESS PARTICIPATION AND UTILIZATION PLAN and can subject the contractor to contract sanctions.

[redacted] Roland Schneider, Auth. Agent & VP 4-4-2019

Signature of Prime Contractor — Title — Date

Contact: Roland Schneider
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC
E-mail: rschneider@fhpaschen.com
Phone: 773-444-3474
Address: 5515 N. East River Road, Chicago, IL 60656

[redacted] James M. Bartus, President 4-4-2019

Signature of VOSB Contractor — Title — Date

Contact: James M. Bartus
Firm Name: excel ltd. inc.
E-mail: jbartus@excelltdinc.com
Phone: 847-543-9138
Address: 888 e. belvidere road, suite 405, Grayslake, IL 60030

Excel Ltd Inc. QUOTATION

888 East Belvidere Road, Unit 405
Grayslake, Illinois 60030
www.excelltdinc.com
Phone: 847.543.9138
Fax: 847.543.9230

Location :	I-294 / MILE LONG BRIDGE	**Quote No. :**	0319 3841
Project :	ISTHA CONTRACT #I-18-4430		
Date :	April 1, 2019		

We submit the following quotation for your consideration

Pay Item	Description	QTY.	Unit Price	Subtotal
JS804100	ELECTRIC SERVICE INSTALLATION	3	$3,900.00	$11,700.00
JS813083	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	1	$2,000.00	$2,000.00
JT132810	ITS POLE MOUNTED ENCLOSURE (CCTV OR MVDS)(DOES NOT INCLUDE ITEMS O, Z, AB, AQ GATORPATCH, OUTDOOR CABLES, PoE INJECT.)	3	$12,950.00	$38,850.00
JT804005	ELECTRIC SERVICE INSTALLATION - ITS	1	$3,750.00	$3,750.00
JT825025	TEMP. LIGHTING CONTROLLER, 480 VOLT, POLE-MOUNTED (SEE NOTES)	3	$17,860.00	$53,580.00
		Total :		**$109,880.00**

Notes:	**Terms:**
PACKAGE QUOTE NOTE 1: INCLUDES NEMA 4X DISCONNECT SWITCH AND METER FITTING.	NET 30 DAYS F.O.B. - EXCEL LTD. DELIVERY: 6 - 8 WKS

Thank you for giving us the opportunity to quote!

Prices based on information provided to Excel Ltd, Inc. at time of quote. Quotation based on total items listed. Excel Ltd, Inc. reserves the right to re-quote on any deviations from quantity or items removed.

This quote firm for 60 days. After 60 days please call.

Excel Ltd Inc QUOTATION

888 East Belvidere Road, Unit 405
Grayslake, Illinois 60030
www.excelltdinc.com
Phone: 847.543.9138
Fax: 847.543.9230

Location :	I-294 / MILE LONG BRIDGE	**Quote No. :**	0419 3846
Project :	ISTHA CONTRACT #I-18-4430		
Date :	April 1, 2019		

We submit the following quotation for your consideration

Pay Item	Description	QTY.	Unit Price	Subtotal
JT131142	ROADWAY WEATHER INFORMATION SYSTEM (CABINET ONLY) DOES NOT INCLUDE THE FOLLOWING (SHOWN ON ITS-53): ITEMS A, C, G, H, L, M, N, O, T, Z, AA, AB, AC, AD, AE, AF, AG, AH, AI) (VAISALA GEAR, MODEM ASSEMBLY, PCTEL GEAR, GATOR PATCH)	1	$11,874.00	$11,874.00
		Total :		**$11,874.00**

Notes:

IF CONTRACTOR PROVIDES EQUIPMENT TO EXCEL LTD., WE WILL INSTALL INSIDE CABINET FREE OF CHARGE.

Terms:

NET 30 DAYS
F.O.B. - EXCEL LTD.
DELIVERY: 6 - 8 WKS

Thank you for giving us the opportunity to quote!

Prices based on information provided to Excel Ltd, Inc. at time of quote. Quotation based on total items listed. Excel Ltd, Inc. reserves the right to re-quote on any deviations from quantity or items removed.

This quote firm for 60 days. After 60 days please call.

CMS

ILLINOIS Bruce Rauner, Governor
DEPARTMENT OF CENTRAL MANAGEMENT SERVICES
Michael M. Hoffman, Acting Director

June 7, 2018

JAMES BARTUS
EXCEL LTD., INC.
888 EAST BELVIDERE RD., UNIT 405
GRAYSLAKE, IL 60030

Dear Business Owner:

Re: NCA Certification Approval Veteran Owned Small Business (VOSB)
Certification Term Expires: May 20, 2019

Congratulations! After reviewing the No-Change Affidavit (NCA) information you supplied, we are pleased to inform you that your firm has been granted continued certification under the Veteran Business Program (VBP).

Please be advised, while this certification does not guarantee you will receive a State contract, it does assure your firm the opportunity to participate in the State's procurement process. Your firm's participation on State contracts will be credited only toward Veteran Owned Small Business (VOSB) goal in your area(s) of specialty. Your firm's name will appear in the State's Directory as a certified vendor with the VBP in the specialty area(s) of:

NIGP 28500: ELECTRICAL EQUIPMENT AND SUPPLIES
NIGP 28576: STREET AND HIGHWAY LIGHTING LUMINAIRES, ACCESSORIES AND PARTS
NIGP 28595: WIRING DEVICES: ADAPTERS, CAPS, CONNECTORS, EXTENSION CORDS, FLUORESCENT AND HP STARTERS, OUTLETS, PLATES AND COVERS, PLUGS, RECEPTACLES, SAFETY CORD LOCK, SWITCHES, TERMINALS, ETC. (INCL, RECYCLED ELECTRICAL PRODUCTS, SUPPLIES)

Please visit our website at www.sell2.illinois.gov to obtain information about current and upcoming procurement opportunities, contracts, forms, and also to register to receive email alerts when the State is preparing to purchase a product or service that you may provide.

Thank you for your participation in the VBP. We welcome your participation and wish you continued success.

Sincerely,

[redacted]

Carlos Gutiérrez
Certification Manager
Veteran Business Program

Illinois Tollway **Illinois State Toll Highway Authority "ISTHA"**

VOSB FORM 2025 - VOSB PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	

VOSB FIRM NAME:	
CIRCLE ALL THAT APPLY:	VOSB SDVOSB

CHECK ALL THAT APPLY:
PRIME _____ JV PARTNER _____ SUBCONTRACTOR _____ TRUCKER _____ SUPPLIER _____ MANUFACTURER _____

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): Y N	TIER 2 OR BELOW: Y N	UNDER CONTRACT TO:

This form must be completed for EACH veteran-owned business participating in the VOSB Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on VOSB firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL VOSB CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
			TOTALS FOR THIS VOSB FIRM:			

*Contingency Work must not be included under Pay Items and will not be approved toward VOSB goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #JS671010, will not be approved within the VOSB Utilization Plan. NOTE that these items are not included in the determination of the VOSB Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the VOSB listed below has agreed to perform a commercially-useful function in the work of the contractitem(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the VOSB may be madewithout PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the VOSB on this contract and the payment thereto must be provided to ISTHA's Department ofDiversity and Strategic Development. **The Prime Contractor will not assign any of the contract items listed above to a firm other than the VOSB identified below without ISTHA's prior written approval. The PrimeContractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the VOSB** no later thanthree business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. **Failure to receive written approval prior to a change in type or scope is a violation of the STATEOF ILLINOIS VETERAN SMALL BUSINESS PARTICIPATION AND UTILIZATION PLAN and can subject the contractor to contract sanctions.**

Signature for Prime Contractor **Title** **Date**

Contact:

Firm Name:

E-mail:

Phone:

Address:

Signature for VOSB Contractor **Title** **Date**

Contact:

Firm Name:

E-mail:

Phone:

Address:

Illinois Tollway

VOSB FORM 2023

Demonstration of Good Faith Efforts to Achieve VOSB Construction Subcontracting Goal

If the VOSB contract goal was not achieved, the Good Faith Efforts checklist and contacts log must be submitted with the bid. Failure to do so may render the Bidder's solicitation response non-responsive and cause it to be rejected, or render the Bidder ineligible for contract award, at ISTHA's sole discretion. The Bidder must provide all evidence relied upon in support of its Good Faith Efforts with its bid.

Good Faith Efforts Checklist

Insert on each line below the initials of the authorized Bidder representative who is certifying the Bidder has completed the activities described below. If any of the items were not completed, attach a detailed written explanation. If any other efforts were made to obtain VOSB/SDVOSB participation in addition to the items listed below, attach a detailed written explanation.

_____Utilize the Sell2Illinois website to identify certified VOSB/SDVOSB vendors within the respective commodity/service codes and at a minimum email all listed vendors and solicit quotes from all vendors who express an interest via follow-up emails or telephone calls.

- https://www2.illinois.gov/cms/business/sell2/Pages/VendorSearch.aspx

_____Identified portions of the contract work capable of performance by available VOSBs/SDVOSBs, including, where appropriate, breaking out contract work items into economically feasible units to facilitate VOSB/SDVOSB participation even when the Bidder could perform those scopes with its own forces.

_____Make a portion of the work available to certified VOSB/SDVOSB vendors and selecting those portions of the work or material needs consistent with their availability, so as to facilitate certified VOSB/SDVOSB vendor participation.

_____Solicited through reasonable and available means (e.g., pre-bid meetings, networking session, written notices, advertisements) VOSBs/SDVOSBs to perform the types of work that could be subcontracted on this project, within sufficient time to allow them to respond. Vendor must determine with certainty if the certified VOSB/SDVOSB vendors are interested by taking appropriate steps to follow up initial solicitations and encourage them to submit a bid.

_____Provided timely and adequate information about the plans, specifications and requirements of the contract. Followed up initial solicitations to answer questions and encourage VOSBs/SDVOSBs to submit bids.

_____Negotiated in good faith with interested VOSBs/SDVOSBs that submitted bids and thoroughly investigated their capabilities. Evidence of such negotiation must include the names, addresses, email addresses, and telephone numbers of certified VOSB/SDVOSB vendors that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting and evidence as to why additional agreements could not be reached for certified VOSB/SDVOSB vendors to perform the work. A Vendor using good business judgment may consider a number of factors in negotiating with certified VOSB/SDVOSB vendors and may take a firm's price and capabilities into consideration. The fact that there may be some additional costs involved in finding and using certified VOSB/SDVOSB vendors may not be in itself sufficient reason for a Vendor's failure to meet the goal, as long as such costs are reasonable. Vendors are not required to accept higher quotes from certified VOSB/SDVOSB vendors if the price difference is excessive or unreasonable. The certified VOSB/SDVOSB vendor's memberships in specific groups, organizations, or associations and political or social affiliations are not legitimate causes for the rejection or non-solicitation of bids in Vendor's efforts to meet the goal.



VOSB FORM 2023 page 2

_____Made efforts to assist interested VOSBs/SDVOSBs in obtaining bonding, lines of credit, or insurance as may be required for performance of the contract (if applicable).

_____Made efforts to assist interested certified VOSB/SDVOSB vendors in obtaining necessary equipment, supplies, materials, or related assistance or services.

_____Utilized resources available to identify available VOSBs/SDVOSBs, including but not limited to VOSB/SDVOSB assistance groups; local, state and federal business assistance offices; and other organizations that provide assistance in the recruitment and placement of VOSBs/SDVOSBs.

Affidavit of Truthfulness: Signature below affirms accuracy of Good Faith Efforts and authority to provide above information

Print Name: _____ Phone contact: _____

Position: _____ E-mail address: _____

Signature: _____ Date: _____

VOSB FORM 2023

Good Faith Efforts Contacts Log for Soliciting - VOSB Participation: Form 2023 continued

Project name: _____ Project number: _____

Bidder name: _____ Contact person: _____

Use this form to document all contacts and responses (telephone, e-mail, fax, etc.) regarding the solicitation of VOSBs/SDVOSBs. Duplicate as needed.

Name of VOSB/SDVOSB	Date and method of contact	Scope of work solicited	Reason agreement was not reached

Affidavit of Truthfulness: Signature below affirms accuracy of Good Faith Efforts and authority to provide above information

Print Name: _____ **Phone contact:** _____

Position: _____ **E-mail address:** _____

Signature: _____ **Date:** _____

ILLINOIS STATE TOLL HIGHWAY AUTHORITY

SPECIAL PROVISION

FOR

BID CREDIT INCENTIVE PROGRAMS

1. OBJECTIVE OF THE BID CREDIT INCENTIVE PROGRAM

The TOLLWAY offers programs allowing a contractor or subcontractor/fabricator to earn BID CREDITs to be used toward future TOLLWAY construction bids. A Bidder can then apply its BID CREDITs to a maximum BID CREDIT CAP assigned by the TOLLWAY to each contract in order to lower their bid amount and increase the chances of winning the contract as the low Bidder.

Use of BID CREDITs from the BID CREDIT Incentive Programs is applicable only to construction projects advertised by the TOLLWAY for public bidding.

Current TOLLWAY BID CREDIT Programs are:

- ConstructionWorks (CW) Program: encouraging contractors to employ and retain qualified and eligible CW individuals enrolled in the CW Program, including African Americans, Asians, Hispanic, Ex-offenders, exonerated individuals, Females, Veterans and other traditionally underserved populations.
- Earned Credit Program (ECP): encouraging contractors to employ and retain qualified and eligible Workforce Innovation and Opportunity Act eligible individuals, including African Americans, Asians, Hispanic, Ex-offenders, exonerated individuals, Females, Veterans and other traditionally underserved populations.
- Partnering for Growth – Construction (P4G-Con): encouraging contractors to mentor a Disadvantaged Business Enterprise or Veteran-owned Small Business protégé firm.

For more information, reference the Operational Guide for each program on the TOLLWAY's website, https://www.illinoistollway.com/doing-business/diversity-development/programs.

2. DEFINITIONS

ACTIVE BID CREDIT CERTIFICATE REGISTER: Listing of all active BID CREDIT CERTIFICATEs for all BID CREDIT programs indicating certificate number, value, owner and issue date.

ACTIVE BID CREDITS: BID CREDITs available for submission and utilization on a construction bid.

AWARD CRITERIA: Contractor's BASE BID minus BID CREDIT submitted subject to the BID CREDIT CAP identified for each solicitation.

BASE BID: The bid amount prior to applying BID CREDITS SUBMITTED.

BID CREDIT: Virtual dollar credits earned through a TOLLWAY BID CREDIT Program.

BID CREDIT ALLOCATION: When BID CREDITS SUBMITTED by a prime contractor and subcontractor/fabricator are applied proportionally to the total of all the BID CREDITs originally submitted with the bid.

BID CREDIT CAP: A contract-specific limit as determined by an approved TOLLWAY formula on the amount of ACTIVE BID CREDITs that can be applied as BID CREDITS. Any BID CREDITS SUBMITTED above and beyond the BID CREDIT CAP will not be considered.

BID CREDIT CERTIFICATE: A numbered document that identifies certificate number, value, owner and issue date.

BID CREDITS SUBMITTED: BID CREDITs included in a construction bid as evidenced by a BID CREDIT CERTIFICATE. The total amount of the certificate(s) will be considered as tendered unless otherwise indicated on the physical certificate.

BID CREDITS UTILIZED: The amount of BID CREDITs required to establish the apparent low Bidder based on the difference between the award criterions of the lowest Bidder and the next apparent low Bidder plus $1.00 of BID CREDIT.

INACTIVE BID CREDITS: BID CREDIT not available for submission due to utilization on a construction bid or superseded by current ACTIVE BID CREDITs.

TOLLWAY: The Illinois State Toll Highway Authority.

3. EARNING BID CREDITS

Refer to the Operational Guides for active TOLLWAY BID CREDIT Programs as posted on the TOLLWAY's website, https://www.illinoistollway.com/doing-business/diversity-development/programs.

4. BIDDING PROCEDURES

All bids must comply with the applicable procurement statutes, rules and regulations and the specific requirements of each solicitation to be considered responsive. Bids that fail to meet these minimum requirements may be considered non-responsive.

4.1 Each bid solicitation will have a contract-specific total BID CREDIT CAP as determined by the approved TOLLWAY formula on the amount of BID CREDIT that can be applied.

4.2 Any credits applied above and beyond the BID CREDIT CAP will not be considered.

4.3 If needed, contractors can check the appropriate ACTIVE BID CREDIT CERTIFICATE REGISTER on the TOLLWAY's website to ensure BID CREDIT CERTIFICATES SUBMITTED are active.

4.4 The BID CREDIT CAP may be met by BID CREDITs:

4.4.1 Earned from one BID CREDIT program or from a combination of BID CREDIT programs, as BID CREDIT CERTIFICATEs are now issued as one certificate covering all BID CREDIT programs

4.4.2 Offered for submission by joint venture partners independently, and/or by subcontractors/fabricators independently, as per Section 5 below. If BID CREDITs from different firms are submitted on the same bid, the BID CREDITs are applied via BID CREDIT ALLOCATION as defined above proportionally to the amounts originally submitted on the bid.

4.5 Entering BID CREDITs on the bid forms:

- The BASE BID is to be clearly identified on line #1 of the P page;
- Line #2 is to include the total amount of BID CREDIT applied to the bid;
- Line #3 is to include the AWARD CRITERIA (Line #1 minus Line #2 equals Line #3).

4.6 All BID CREDIT CERTIFICATEs submitted to calculate the BID CREDIT included on Line #2 must be included in the original bid package.

4.7 All BID CREDITS UTILIZED to become or remain the successful Bidder will become unavailable for inclusion in any other bid at the time the Bidder's AWARD CRITERIA is deemed the lowest responsive and responsible bid.

4.8 The BID CREDIT CERTIFICATE(s) will be redeemed up to the amount needed plus $1 to allow the contractor's bid to be the lowest apparent bid for award of the contract and any unused remaining balance will be returned in the form of a BID CREDIT CERTIFICATE(s) to the contractor, or subcontractor/fabricator if applicable.

5. JOINT VENTURE AND SUBCONTRACTOR/FABRICATOR PARTICIPATION

5.1 Joint Venture partners who own BID CREDITS may independently submit BID CREDITS toward the joint venture bid subject to the overall BID CREDIT CAP.

5.2 Subcontractors/fabricators who own BID CREDITs may provide those BID CREDITS to prime contractors to be applied by prime contractors in a bid solicitation, provided the prime contractor has committed to utilizing the subcontractor/fabricator in the performance of the contract unless such use is prohibited for reasons beyond the prime contractor's control.

5.3 In the event that a subcontractor/fabricator becomes disqualified from contract participation by no fault of the prime, (i.e. delinquent debt, etc.) the actual ACTIVE BID CREDITS UTILIZED by the disqualified subcontractor/fabricator that factored into the apparent winning bid will not be refunded to the subcontractor's BID CREDIT certificate balance.

5.4 For subcontractor/fabricator BID CREDIT to be considered for utilization on a bid by a prime contractor:

5.4.1 The prime contractor must include BID CREDIT owned by the prime Bidder along with the BID CREDIT from the subcontractor/fabricator for application to the bid.

5.4.2 The amount of BID CREDITs submitted by the prime contractor shall be no less than the lowest dollar amount submitted by any subcontractor/fabricator application to the bid.

5.4.2.1 An allowance may be made in cases where the prime contractor's total BID CREDITs owned are less than those of the subcontractor/fabricator.

- In no case can the prime offer less than $1,000 in BID CREDITs.
- In instances where the prime has BID CREDITs but the total amount of the prime's BID CREDITs is less than any subcontractor's BID CREDITs offered with a bid, the prime's BID CREDITs will be utilized and exhausted before a subcontractor's BID CREDITs will be applied to the bid.

5.4.2.2 Failure to meet this standard will result in the BID CREDITS SUBMITTED not being considered.

5.4.3 The prime contractor is required to perform the following:

- Ensure that the subcontractor is aware of and has provided permission to the Bidder as indicated on the BID CREDIT CERTIFICATE to use the BID CREDIT CERTIFICATE in the bid solicitation;

- Identify the scope of work and dollar amount committed to each subcontractor/fabricator where a BID CREDIT CERTIFICATE is being calculated in the BID CREDIT;

- Ensure that the BID CREDIT CERTIFICATE is in active mode, which can be done through checking the ACTIVE BID CREDIT CERTIFICATE REGISTER on the TOLLWAY's website (www.illinoistollway.com and click on "Doing Business") prior to submitting a BID CREDIT BID CREDIT CERTIFICATE in a TOLLWAY bid solicitation;

5.4.4 Ensure that the total amount of BID CREDIT CERTIFICATEs does not exceed the contract-specific total BID CREDIT CAP. In the event of a successful bid, excess credits shall be returned via BID CREDIT ALLOCATION in proportion to what was originally submitted by the prime(s) and subcontractor/fabricator(s).

5.4.5 Insert a copy of this TOLLWAY SPECIAL PROVISION FOR BID CREDIT INCENTIVE PROGRAMS in each and every subcontract or joint venture agreement under this Contract and it shall become a material term of the subcontracts.

5.5 BID CREDITS SUBMITTED by the prime contractor, joint venture partner(s) and/or subcontractor/fabricator(s) are applied via BID CREDIT ALLOCATION, proportionally to the amounts originally submitted on the bid.

6. LONGEVITY OF BID CREDIT CERTIFICATES

6.1 Unused BID CREDITs do not expire.

6.2 BID CREDITs will become INACTIVE BID CREDITS once utilized in a successful bid.

6.3 Should the same BID CREDIT CERTIFICATE be submitted in multiple bids on the same date:

- Where multiple solicitations have the same bid opening date, the TOLLWAY will typically open bids in numerical order with the lowest project number per the last four digits of the contract being opened first.

- The first bid opened containing the BID CREDIT CERTIFICATE will be considered for bid.

- All other bids containing a duplicate BID CREDIT CERTIFICATE will be placed in a suspended mode until the award recommendation of the prior bid(s) has been issued.

- Until such time of award recommendation, all duplicate BID CREDIT CERTIFICATES will be Inactivated as applicable and the remaining BID CREDIT(s) and AWARD CRITERIA will be recalculated for subsequent bids.

As an example: Bid 01 (RR-XX-1234) included BID CREDIT CERTIFICATE A for $100, Bid 02 (RR-XX-5678) also included BID CREDIT CERTIFICATE A for $100. Bid 01 utilized $50 of BID CREDIT CERTIFICATE A. Upon award recommendation of Bid 01, BID CREDIT CERTIFICATE A has $50 remaining available for consideration in Bid 02.

6.4 As stated in Section 4.8 above, the BID CREDIT CERTIFICATE(s) will be redeemed up to the amount needed plus $1 to allow the contractor's bid to be the lowest apparent bid for award of the contract and any unused remaining balance will be returned in the form of a revised BID CREDIT CERTIFICATE(s) to the contractor or subcontractor/fabricator if applicable.

7. FRAUDULENT USE OF BID CREDIT CERTIFICATES

Any contractor who knowingly submits an INACTIVE BID CREDITs shall be permanently barred from participating in any TOLLWAY BID CREDIT program.

Any contractor who submits a subcontractor/fabricator's BID CREDIT CERTIFICATE without the permission of the subcontractor/fabricator and/or without committing to utilizing the subcontractor/fabricator by scope of service and dollar value of commitment in the bid shall be permanently barred from participating in any TOLLWAY BID CREDIT program.

The TOLLWAY may report such reporting abuses to the Office of the Inspector General and applicable law enforcement authorities.

Correa, Diana

From: Curcuro, Eleanor
Sent: Friday, April 12, 2019 2:04 PM
To: Correa, Diana
Cc: Lanzo, Paul; Biggs, Susan; Mrugacz, Jeremy
Subject: FW: I-18-4430 - PRIME Disclosures - APRIL BOARD
Attachments: I-18-4430_F.H.Paschen,S.N.NielsenAssociatesLLC-CERTS-Disclosures-For-Contract_04122019.pdf

Hi Diana,

I reviewed the attached financial disclosures for F.H. Paschen, S.N. Nielsen & Associates LLC for I-18-4430 and they are approved.

Thanks,
Eleanor

From: Correa, Diana
Sent: Friday, April 12, 2019 12:21 PM
To: Curcuro, Eleanor <ecurcuro@getipass.com>
Cc: Lanzo, Paul <planzo@getipass.com>; Biggs, Susan <sbiggs@getipass.com>; Mrugacz, Jeremy <JMrugacz@getipass.com>
Subject: I-18-4430 - PRIME Disclosures - APRIL BOARD

Good Afternoon Eleanor,

Please see attached Financial Disclosures for F.H. Paschen, S.N. Nielsen & Associates LLC for contract 4430. These are Prime Disclosures and should be reviewed as soon as possible.

Diana Correa
Contract Services
Illinois Tollway – PMO
2700 Ogden Ave
Downers Grove, IL 60515
Office 630-241-6800 ext. 4863
dcorrea@getipass.com

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ILLINOIS TOLLWAY

STANDARD BUSINESS TERMS AND CONDITIONS

ILLINOIS TOLLWAY CONTRACT NO.: I-18-4430

CONTRACTOR/CONSULTANT NAME: F.H. Paschen, S.N. Nielsen & Associates LLC

1. PAYMENT TERMS AND CONDITIONS:

1.1 Minority Contractor Initiative: Any Vendor awarded a contract under Section 20-10, 20-15, 20-25 or 20-30 of the Illinois Procurement Code (30 ILCS 500) of $1,000 or more is required to pay a fee of $15. The Comptroller shall deduct the fee from the first check issued to the Vendor under the contract and deposit the fee in the Comptroller's Administrative Fund. 15 ILCS 405/23.9.

1.2 Expenses: The State will not pay for supplies provided or services rendered, including related expenses, incurred prior to the execution of this contract by the Parties even if the effective date of the contract is prior to execution.

1.3 Prevailing Wage: As a condition of receiving payment Vendor must (i) be in compliance with the contract, (ii) pay its employees prevailing wages when required by law, (iii) pay its suppliers and subcontractors according to the terms of their respective contracts, and (iv) provide lien waivers to the State upon request. Examples of prevailing wage categories include public works, printing, janitorial, window washing, building and grounds services, site technician services, natural resource services, security guard and food services. The prevailing wages are revised by the Department of Labor and are available on the Department's official website, which shall be deemed proper notification of any rate changes under this subsection. Vendor is responsible for contacting the Illinois Department of Labor to ensure understanding of prevailing wage requirements at 217-782-6206 or (http://www.state.il.us/agency/idol/index.htm).

1.4 Federal Funding: This contract may be partially or totally funded with Federal funds. If federal funds are expected to be used, then the percentage of the good/service paid using Federal funds and the total Federal funds expected to be used will be provided in the award notice.

1.5 Invoicing: By submitting an invoice, Vendor certifies that the supplies or services provided meet all requirements of the contract, and the amount billed and expenses incurred are as allowed in the contract. Invoices for supplies purchased, services performed and expenses incurred through December 31 of any year must be submitted to the State no later than February 28 of the following year; otherwise Vendor may have to seek payment through the Illinois Court of Claims. 30 ILCS 105/25. All invoices are subject to statutory offset. 30 ILCS 210.

1.5.1 Vendor shall not bill for any taxes unless accompanied by proof that the State is subject to the tax. If necessary, Vendor may request the applicable Agency/University state tax exemption number and federal tax exemption information.

1.5.2 Vendor shall invoice at the completion of the contract unless invoicing is tied in the contract to milestones, deliverables, or other invoicing requirements agreed to in the contract.

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

CONTRACT NO. I-18-4430

LIST OF INDIVIDUAL CONTACTS

The Bidder is hereby requested to list those individuals to be contacted for information regarding the analysis of the various portions of the Bid.

ITEM	INDIVIDUAL	TELEPHONE NO.	E-MAIL
Schedule of Prices	Roland Schneider	773-444-3474	rschneider@fhpaschen.com
Bid Guaranty	Roland Schneider	773-444-3474	rschneider@fhpaschen.com
DBE 2026	Roland Schneider	773-444-3474	rschneider@fhpaschen.com
EEO Program	Ms. Allison Maloney	773-444-3474	amaloney@fhpaschen.com
VOSB 2026	Roland Schneider	773-444-3474	rschneider@fhpaschen.com
Financial Disclosures Forms A or Forms B	Roland Schneider	773-444-3474	rschneider@fhpaschen.com
IDOT Certificate of Eligibility	Roland Schneider	773-444-3474	rschneider@fhpaschen.com
Non-Collusion Affidavit – Page R-4	Roland Schneider	773-444-3474	rschneider@fhpaschen.com

2. **ASSIGNMENT:** This contract may not be assigned, transferred in whole or in part by Vendor without the prior written consent of the State.

3. **AUDIT/RETENTION OF RECORDS:** Vendor and its subcontractors shall maintain books and records relating to the performance of the contract or subcontract and necessary to support amounts charged to the State pursuant the contract or subcontract. Books and records, including information stored in databases or other computer systems, shall be maintained by the Vendor for a period of five years from the later of the date of final payment under the contract or completion of the contract, and by the subcontractor for a period of five years from the later of final payment under the term or completion of the subcontract. Books and records required to be maintained under this section shall be available for review or audit by representatives of: the procuring Agency/University, the Auditor General, the Executive Inspector General, the Chief Procurement Officer, the Tollway Inspector General, State of Illinois internal auditors or other governmental entities with monitoring authority, upon reasonable notice and during normal business hours. Vendor and its subcontractors shall cooperate fully with any such audit and with any investigation conducted by any of these entities. Failure to maintain books and records required by this section shall establish a presumption in favor of the State for the recovery of any funds paid by the State under the contract for which adequate books and records are not available to support the purported disbursement. The Vendor or subcontractors shall not impose a charge for audit or examination of the Vendor's books and records. 30 ILCS 500/20-65.

4. **TIME IS OF THE ESSENCE:** Time is of the essence with respect to Vendor's performance of this contract. Vendor shall continue to perform its obligations while any dispute concerning the contract is being resolved unless otherwise directed by the State.

5. **NO WAIVER OF RIGHTS:** Except as specifically waived in writing, failure by a Party to exercise or enforce a right does not waive that Party's right to exercise or enforce that or other rights in the future.

6. **FORCE MAJEURE:** Failure by either Party to perform its duties and obligations will be excused by unforeseeable circumstances beyond its reasonable control and not due to its negligence, including acts of nature, acts of terrorism, riots, labor disputes, fire, flood, explosion, and governmental prohibition. The non-declaring Party may cancel the contract without penalty if performance does not resume within 30 days of the declaration.

7. **CONFIDENTIAL INFORMATION:** Each Party, including its agents and subcontractors, to this contract may have or gain access to confidential data or information owned or maintained by the other Party in the course of carrying out its responsibilities under this contract. Vendor shall presume all information received from the State or to which it gains access pursuant to this contract is confidential. Vendor information, unless clearly marked as confidential and exempt from disclosure under the Illinois Freedom of Information Act, shall be considered public. No confidential data collected, maintained, or used in the course of performance of the contract shall be disseminated except as authorized by law and with the written consent of the disclosing Party, either during the period of the contract or thereafter. The receiving Party must return any and all data collected, maintained, created or used in the course of the performance of the contract, in whatever form it is maintained, promptly at the end of the contract, or earlier at the request of the disclosing Party, or notify the disclosing Party in writing of its destruction. The foregoing obligations shall not apply to confidential data or information lawfully in the receiving Party's possession prior to its acquisition from the disclosing Party; received in good faith from a third Party not subject to any confidentiality obligation to the disclosing Party; now is or later becomes publicly known through no breach of confidentiality obligation by the receiving Party; or is independently developed by the receiving Party without the use or benefit of the disclosing Party's confidential information.

8. **USE AND OWNERSHIP:** All work performed or supplies created by Vendor under this contract, whether written documents or data, goods or deliverables of any kind, shall be deemed work for hire under copyright law and all intellectual property and other laws, and the State of Illinois is granted sole and exclusive ownership to all such

work, unless otherwise agreed in writing. Vendor hereby assigns to the State all right, title, and interest in and to such work including any related intellectual property rights, and/or waives any and all claims that Vendor may have to such work including any so-called "moral rights" in connection with the work. Vendor acknowledges the State may use the work product for any purpose. Confidential data or information contained in such work shall be subject to confidentiality provisions of this contract.

9. **INDEMNIFICATION AND LIABILITY:** The Vendor shall indemnify and hold harmless the Tollway and State of Illinois, their directors, agencies, officers, employees, agents and volunteers from any and all costs, demands, expenses, losses, claims, damages, liabilities, settlements and judgments, including in-house and contracted attorneys' fees and expenses, arising out of: (a) any breach or violation by Vendor of any of its certifications, representations, warranties, covenants or agreements; (b) any actual or alleged death or injury to any person, damage to any property or any other damage or loss claimed to result in whole or in part from Vendor's negligent performance; or (c) any negligent act, activity or omission of Vendor or any of its employees, representatives, subcontractors or agents. Neither Party shall be liable for incidental, special, consequential or punitive damages.

10. **INDEPENDENT CONTRACTOR:** Vendor shall act as an independent contractor and not an agent or employee of, or joint venture with the State. All payments by the State shall be made on that basis.

11. **SOLICITATION AND EMPLOYMENT:** Vendor shall not employ any person employed by the State during the term of this contract to perform any work under this contract. Vendor shall give notice immediately to the Agency's director if Vendor solicits or intends to solicit State employees to perform any work under this contract.

12. **COMPLIANCE WITH THE LAW:** The Vendor, its employees, agents, and subcontractors shall comply with all applicable federal, state, and local laws, rules, ordinances, regulations, orders, federal circulars and all license and permit requirements in the performance of this contract. Vendor shall be in compliance with applicable tax requirements and shall be current in payment of such taxes. Vendor shall obtain at its own expense, all licenses and permissions necessary for the performance of this contract.

13. **BACKGROUND CHECK:** Whenever the State deems it reasonably necessary for security reasons, the State may conduct, at its expense, criminal and driver history background checks of Vendor's and subcontractors officers, employees or agents. Vendor or subcontractor shall reassign immediately any such individual who, in the opinion of the State, does not pass the background check.

14. **APPLICABLE LAW:** This contract shall be construed in accordance with and is subject to the laws and rules of the State of Illinois. The Department of Human Rights' Equal Opportunity requirements (44 Ill. Adm. Code 750) are incorporated by reference. Any claim against the State arising out of this contract must be filed exclusively with the Illinois Court of Claims. 705 ILCS 505/1. The State shall not enter into binding arbitration to resolve any contract dispute. The State of Illinois does not waive sovereign immunity by entering into this contract. The official text of cited statutes is incorporated by reference. An unofficial version can be viewed at http://www.ilga.gov).

15. **ANTI-TRUST ASSIGNMENT:** If Vendor does not pursue any claim or cause of action it has arising under federal or state antitrust laws relating to the subject matter of the contract, then upon request of the Illinois Attorney General, Vendor shall assign to the State rights, title and interest in and to the claim or cause of action.

16. **CONTRACTUAL AUTHORITY:** The Agency that signs for the State of Illinois shall be the only State entity responsible for performance and payment under the contract. When the Chief Procurement Officer or authorized designee signs in addition to an Agency, they do so as approving officer and shall have no liability to Vendor. When the Chief Procurement Officer or authorized designee, or State Purchasing Officer signs a master

contract on behalf of State agencies, only the Agency that places an order with the Vendor shall have any liability to Vendor for that order.

17. **NOTICES:** Notices and other communications provided for herein shall be given in writing by registered or certified mail, return receipt requested, by receipted hand delivery, by courier (UPS, Federal Express or other similar and reliable carrier), by e-mail, or by fax showing the date and time of successful receipt. Notices shall be sent to the individuals who signed the contract using the contact information following the signatures. Each such notice shall be deemed to have been provided at the time it is actually received. By giving notice, either Party may change the contact information.

18. **MODIFICATIONS AND SURVIVAL:** Amendments, modifications and waivers must be in writing and signed by authorized representatives of the Parties. Any provision of this contract officially declared void, unenforceable, or against public policy, shall be ignored and the remaining provisions shall be interpreted, as far as possible, to give effect to the Parties' intent. All provisions that by their nature would be expected to survive, shall survive termination. In the event of a conflict between the State's and the Vendor's terms, conditions and attachments, the State's terms, conditions and attachments shall prevail.

19. **PERFORMANCE RECORD / SUSPENSION:** Upon request of the State, Vendor shall meet to discuss performance or provide contract performance updates to help ensure proper performance of the contract. The State may consider Vendor's performance under this contract and compliance with law and rule to determine whether to continue the contract, suspend Vendor from doing future business with the State for a specified period of time, or to determine whether Vendor can be considered responsible on specific future contract opportunities.

20. **FREEDOM OF INFORMATION ACT:** This contract and all related public records maintained by, provided to or required to be provided to the State are subject to the Illinois Freedom of Information Act (FOIA) (50 ILCS 140) notwithstanding any provision to the contrary that may be found in this contract.

21. **SCHEDULE OF WORK:** Any work performed on State premises shall be done during the hours designated by the State and performed in a manner that does not interfere with the State and its personnel.

22. **WARRANTIES FOR SUPPLIES AND SERVICES:**

22.1 Vendor warrants that the supplies furnished under this contract will: (a) conform to the standards, specifications, drawing, samples or descriptions furnished by the State or furnished by the Vendor and agreed to by the State, including but not limited to all specifications attached as exhibits hereto; (b) be merchantable, of good quality and workmanship, and free from defects for a period of twelve months or longer if so specified in writing, and fit and sufficient for the intended use; (c) comply with all federal and state laws, regulations and ordinances pertaining to the manufacturing, packing, labeling, sale and delivery of the supplies; (d) be of good title and be free and clear of all liens and encumbrances and; (e) not infringe any patent, copyright or other intellectual property rights of any third party. Vendor agrees to reimburse the State for any losses, costs, damages or expenses, including without limitations, reasonable attorney's fees and expenses, arising from failure of the supplies to meet such warranties.

22.2 Vendor shall insure that all manufacturers' warranties are transferred to the State and shall provide a copy of the warranty. These warranties shall be in addition to all other warranties, express, implied or statutory, and shall survive the State's payment, acceptance, inspection or failure to inspect the supplies.

22.3 Vendor warrants that all services will be performed to meet the requirements of the contract in an efficient and effective manner by trained and competent personnel. Vendor shall monitor performances of each individual and shall reassign immediately any individual who is not performing in

accordance with the contract, who is disruptive or not respectful of others in the workplace, or who in any way violates the contract or State policies.

23. REPORTING, STATUS AND MONITORING SPECIFICATIONS:

23.1 Vendor shall immediately notify the State of any event that may have a material impact on Vendor's ability to perform the contract.

23.2 By August 31 of each year, Vendor shall report to the Agency or University the number of qualified veterans and certain ex-offenders hired during Vendor's last completed fiscal year. Vendor may be entitled to employment tax credit for hiring individuals in those groups. 35 ILCS 5/216, 5/217.

24. EMPLOYMENT TAX CREDIT: Vendors who hire qualified veterans and certain ex-offenders may be eligible for tax credits. 30 ILCS 500/45-67 and 45-70. Please contact the Illinois Department of Revenue (telephone #: 217-524-4772) for information about tax credits.

25. SUPPLEMENTAL PROVISIONS

25.1 TOLLWAY SUPPLEMENTAL PROVISIONS

25.1.1 Agents and Employees:
Vendor shall be responsible for the negligent acts and omissions of its agents, employees and subcontractors in their performance of Vendor's duties under this Contract. Vendor represents that it shall utilize the services of individuals skilled in the profession for which they will be used in performing services or supplying goods hereunder. In the event that the Tollway determines that any individual performing services or supplying goods for Vendor hereunder is not providing such skilled services or delivery of goods, it shall promptly notify the Vendor and the Vendor shall replace that individual.

25.1.2 Publicity:
Vendor shall not, in any advertisement or any other type of solicitation for business, state, indicate or otherwise imply that it is under contract to the Tollway nor shall the Tollway's name be used in any such advertisement or solicitation without prior written approval except as required by law.

25.1.3 Third Party Beneficiaries:
There are no third party beneficiaries to this Contract. This Contract is intended only to benefit the Tollway/Buyer and the Vendor.

25.1.4 Successors In Interest:
All the terms, provisions, and conditions of the Contract shall be binding upon and inure to the benefit of the parties hereto and their respective successors, assigns and legal representatives.

25.1.5 Venue:
Any claim against the Tollway arising out of this contract must be filed exclusively with Circuit Court for the Eighteenth Judicial Circuit, DuPage County, Illinois for State claims and the U.S. District Court for the Northern District of Illinois for Federal claims.

25.1.5.1 Whenever "State" is used or referenced in this Contract, it shall be interpreted to mean "Tollway".

25.1.5.2 The State Prompt Payment Act (30 ILCS 40) does not apply to the Tollway.

25.1.5.3 The Tollway is not currently an appropriated agency.

25.2 **REPORT OF A CHANGE IN CIRCUMSTANCES**: The Contractor agrees to report to the TOLLWAY as soon as practically possible, but no later than 21 days following any change in facts or circumstances that might impact the CONTRACTOR's ability to satisfy its legal or contractual responsibilities and obligations under this contract. Required reports include, but are not limited to changes in the CONTRACTOR's Certification/Disclosure Forms, the CONTRACTOR's IDOT pre-qualification, or any certification or licensing required for this project. Additionally, (CONTRACTOR/VENDOR) agrees to report to the Tollway within the above timeframe any arrests, indictments, convictions or other matters involving the CONTRACTOR, or any of its principals, that might occur while this contract is in effect. This reporting requirement does not apply to common offenses, including but not limited to minor traffic/vehicle offenses.

Further, the CONTRACTOR agrees to incorporate substantially similar reporting requirements into the terms of any and all subcontracts relating to work performed under this agreement. The (CONTRACTOR/VENDOR) agrees to forward or relay to the Tollway any reports received from subcontractors pursuant to this paragraph within 21 days.

Finally, the CONTRACTOR acknowledges and agrees that the failure of the CONTRACTOR to comply with this reporting requirement shall constitute a material breach of contract which may result in this contract being declared void.

25.3 **PAYMENT DATA REPORTING REQUIREMENT**

The Tollway requires contractors to report all payments received and/or paid to other firms pursuant to this contract in the form prescribed by the Tollway.

Additional information can be found at: https://www.illinoistollway.com/doing-business#B2GNow
(If hyperlink does not load, copy and paste the address into your web browser's address bar)

25.4 **VENDOR SUPPLEMENTAL PROVISIONS**

☐ Vendor Supplemental Provisions:

STATE OF ILLINOIS

SOLICITATION AND CONTRACT TERMS AND CONDITIONS EXCEPTIONS

F.H. Paschen, S.N. Nielsen & Associates LLC agrees with the terms and conditions set forth in the State of Illinois Invitation for Bid, including the standard terms and conditions, the Agency/University supplemental provisions, certifications, and disclosures, with the following exceptions:

	Excluding certifications required by statute to be made by the Vendor, both Parties agree that all of the duties and obligations that the Vendor owes to the Agency/University for the work performed shall be pursuant to the solicitation and resulting contract, and Vendor's exceptions accepted by the State thereto as set forth below.
	STANDARD TERMS AND CONDITIONS
Section/ Subsection #	State the exception such as "add," "replace," and/or "delete."
	ADDITIONAL TERMS AND CONDITIONS
New Provision(s), # et. seq.	**Section/Subsection New Number, Title of New Subsection**: State the new additional term or condition.

NA hereby agrees to the exceptions provided by _____ and to the Additional Terms and Conditions provided by _____.

Agreed: F.H. Paschen, S.N. Nielsen & Associates LLC	Agreed:
By: Roland Schneider	By:
Signed: [redacted]	Signed:
Position: Authorized Agent & VP	Position:
Date: April 4, 2019	Date:

Illinois Tollway

Sub-Contractor/Consultant Information/Delinquent Debt Review
Contractor/Consultant
Sub-Contractor/Consultant
FEIN

Date: April 4, 2019 **Project Number:** I-18-4430

Project Name: Roadway and Bridge Reconstruction Mile Long Bridge I-294

CONTRACTOR/CONSULTANT DELINQUENT DEBT REVIEW

Sub-Contractor/Consultant Disclosure.
Will you be using any sub-consultants/contractors? ☒ Yes ☐ No

If yes, you must identify below, to the extent the information is known, regardless of the subcontract value, the names, addresses and type of work all Sub-Contractors/Consultants that will be utilized in the performance of this Contract, together with the anticipated dollar value (Sub-Contractors) or percentage (Sub-Consultants) each is expected to receive pursuant to this Contract. The list of sub-contractors/consultants should include but not be limited to sub-contractors/consultants, suppliers and truckers proposed to achieve disadvantaged business enterprise and veteran owned business goals. The State may request updated information at any time. For purposes of this section Sub-Contractors/Consultants are those specifically hired to perform part of the work of this contract. Non-DBE suppliers and truckers do not need to be included.

Upon request, our firm agrees to provide a copy of the subcontract, if required, within fifteen (15) days after execution of the contract if selected, or after execution of the subcontract, whichever is later, for those subcontracts with an annual value of more than $50,000. All subcontracts over $50,000 must include the same certifications that the Vendor must make as a condition of the contract. The vendor shall include in each subcontract the subcontractor certifications as shown on the Standard Subcontractor Certification form available from the State.

Delinquent Payment. The Contractor/Consultant certifies that it, or any affiliate, is not barred from being awarded a contract under 30 ILCS 500. Section 50-11 prohibits a person from entering into a contract with a State agency if it knows or should know that it, or any affiliate, is delinquent in the payment of any debt to the State as defined by the Debt Collection Board. Section 50-12 prohibits a person from entering into a contract with the State agency if it, or any affiliate, has failed to collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The Contractor/Consultant further acknowledges that the contracting State agency may declare the contract void if this certification is false or if the Contractor/Consultant or any affiliate is determined to be delinquent in the payment of any debt to the State during the term of the contract.

Contractor/Consultant: F.H. Paschen, S.N. Nielsen & Associates LLC

Federal Employment Identification Number (FEIN): [redacted]

E-Mail: rschneider@fhpaschen.com

Include an attachment if more space is needed to provide the below information. The attachment must provide the requested information.

NOTE for Construction Contracts: List all known subcontractors including those identified in the Bid Package on DBE Form 2026 and VOSB Form 2026, and include any name listed in the "Under Contract To" section of these forms.

Sub-Contractor(s)/Consultant(s)	Sub-Contractor /Consultant FEIN	Address	General Type of Work	Anticipated Amount of Contract to be Paid (to extent known) Sub-Contractor (dollar value) or Sub-Consultant (percentage)
See Attached				

Signature: [redacted] **Date:** April 4, 2019

Printed Name: Roland Schneider, Authorized Agent & VP

F.H. Paschen, S.N. Nielsen & Associates, LLC

Print Time 08:59:25 AM

Sub List

Date 04/11/2019

I-18-4430
Tri-State Tollway Mile Long Bridge

DBE

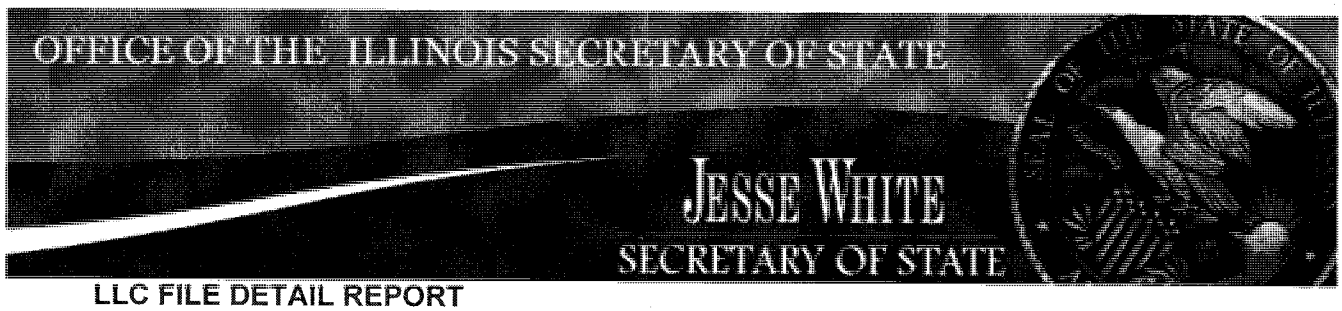
	Subcontractor Name	Subcontractor Fein Number	Trade	Value of Subcontract
	Natural Creations	[redacted]	Landscape	$1,419,491.29
	Archon		Sewer	$4,838,185.38
	Clausen		Rebar FOB	$2,072,119.12
	Clausen		Rebar Install	$5,935,967.00
	Metropolitan		Precast Install	$7,600,000.00
	Royal Crane (DCCI) ·		Hoisting	$1,350,000.00
	Marking Specialists		Pavement Markings	$83,845.40
	Everlights(John Burns) ·		Electrical Supply	$790,200.00
	Lyons View (John Burns)		Electrical Supply	$86,454.00
	La Grange Crane Service (John Burns)		Crane Services	$56,800.00
	Midco (John Burns)		Electrical Supply	$55,251.00
	Midwestern Electric (John Burns)		Electrical	$839,003.00
	Atlantic Painting Co.		Paint	$539,372.30
	321 Company LCG .		Trucking	$500,000.00
	Kalgen Consultants Inc.		Quality Control	$1,293,826.00
	Sanco Services ·		Traffic Control	$235,986.00
	S and J		Signage	$259,697.50
	M/M Hauling (K-5)		Trucking	$100,000.00
	H II Construction (K-5)		Trucking	$17,060.00
	Black Dog (K-5)		Trucking / Manufacture	$7,940.00
	Truck King (K-5)		Trucking	$17,060.00
	Walls Trucking (K-5)		Trucking	$100,000.00
	Alzate Inc (K-5)		Trucking	$26,490.00
	Livewire		Concrete	$1,200,000.00
	Livewire (Stalworth)		Concrete	$700,000.00
	Clausen (Stalworth)		Rebar install	$1,150,000.00

VOSB

	Subcontractor Name		Trade	Value of Subcontract
	Hooks AV LLC		Curb and Gutter	$83,949.51
	Industrial Fence		Fence & Guardrail	$817,115.13
	Collins Engineering (DCCI)		Engineering Services	$100,000.00
	Excel LTD. (John Burns)		Electrical Manufacturer	$121,754.00

Known Non-DBE / VOSB Subcontractors

	Subcontractor Name	Subcontractor Fein Number	Trade	Value of Subcontract
	K-5 Construction		Asphalt	>$50,000
	Danny's Construction Company		Steel Erection	>$50,000
	John Burns Construction		Electrical	>$50,000
	Stalworth Underground		Caissons and Piling	>$50,000
	Lake County Grading		Earthwork	>$50,000



LLC FILE DETAIL REPORT

File Number	00901482		
Entity Name	F.H. PASCHEN, S.N. NIELSEN & ASSOCIATES LLC		
Status	ACTIVE	**On**	03/07/2019
Entity Type	LLC	**Type of LLC**	Domestic
File Date	04/21/2003	**Jurisdiction**	IL
Agent Name	EDWARD J BURKE	**Agent Change Date**	04/21/2003
Agent Street Address	70 W MADISON ST #4300	**Principal Office**	5515 N. EAST RIVER RD CHICAGO, IL 60656
Agent City	CHICAGO	**Managers**	View
Agent Zip	60602	**Duration**	12/31/2075
Annual Report Filing Date	03/07/2019	**For Year**	2019
Series Name	NOT AUTHORIZED TO ESTABLISH SERIES		

Return to the Search Screen

Purchase Certificate of Good Standing

(One Certificate per Transaction)

OTHER SERVICES

File Annual Report

Adopting Assumed Name

Articles of Amendment Effecting A Name Change

Change of Registered Agent and/or Registered Office Address

BACK TO CYBERDRIVEILLINOIS.COM HOME PAGE

Bailey, Shanel

From: Bailey, Shanel
Sent: Tuesday, April 09, 2019 11:26 AM
To: Bailey, Shanel
Subject: F.H. Paschen, S.N. Nielsen & Assoc., LLC [redacted]

```
 OCIS  CICIOCP1              OFFSET CONTRACT INQUIRY            11:25 04/09/19

 ACTION: S

               VENDOR NUMBER= [redacted]                    OFFSET: 00 OF 00
                 VENDOR NAME: *
      CLAIMING AGENCY NUMBER: *
        CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/09/19 AT 11:25 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN
ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR
SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/
10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE
DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

*



 ENTER=PROCESS,   PF3=IOCM,   PF12=REFRESH
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Natural Creations

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:41 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted]. PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME:
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:41 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:42 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

Metropolitian

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME:
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

Royal Crane

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:43 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

Marking Specialists

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:43 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

*

ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

Everlights

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME:
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:46 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

*

ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:47 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

*

ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

La Grange Crane Service

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:47 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

*

ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

Midco

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:48 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER=[redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:49 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

Atlantic Painting Co.

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:49 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:51 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:51 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

*

ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

Sanco

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 13:34 04/04/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME:
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/04/19 AT 14:35 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:52 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:53 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:53 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:55 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME:
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:55 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:56 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:56 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted]. PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:56 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

*

ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

Mancillas, Pam

From: Kathleen Pattison <KPattison@FHPaschen.com>
Sent: Tuesday, May 07, 2019 11:24 AM
To: Dinkel, Deanna; Rivers, Charissa
Cc: Roland Schneider; Bob Zitek; Jake Vickers; Mike Kusbel
Subject: FW: Hooks AV LLC

Good Morning Deanna,
With respect to our email response below, additionally- F.H. Paschen, S.N. Nielsen & Associates will add back to the VOSB plan, Hooks AV LLC when they are able to meet the requirements to work for the Illinois Tollway, Contract I-18-4430, resolving these issues and the timeliness with respect to the project schedule and availability, we will retain their services.

Kathleen Pattison
Executive Assistant | Estimating Division

F.H. PASCHEN

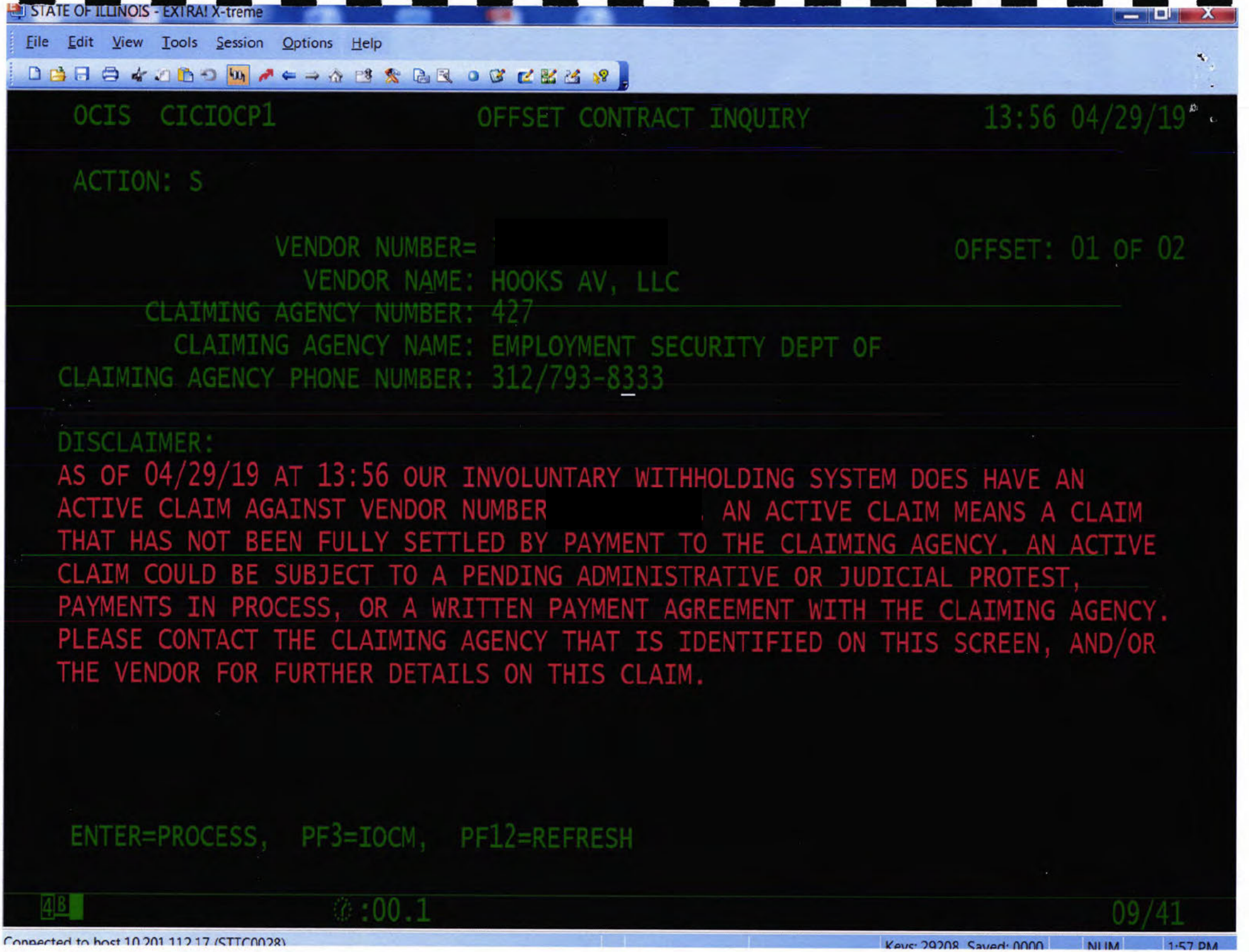
5515 N. East River Road, Chicago, IL 60656
Main 773.444.3474 | Direct 773.444.1588 | Fax 773.693-0064
kpattison@fhpaschen.com | www.fhpaschen.com
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An Equal Opportunity Employer

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From: Kathleen Pattison
Sent: Tuesday, May 7, 2019 10:33 AM
To: Rivers, Charissa <crivers@getipass.com>
Cc: Bob Zitek <BZitek@FHPaschen.com>; Roland Schneider <RSchneider@FHPaschen.com>; Jake Vickers <JVickers@FHPaschen.com>; Mike Kusbel <MKusbel@fhpaschen.com>
Subject: RE: Hooks AV LLC

Good Morning Chrissy,
F.H. Paschen, S.N. Nielsen & Associates LLC herby acknowledges and confirms with the Illinois Tollway to remove Hooks AV LLC from the VOSB plan for Contract I-18-4430
Please procced as required.

Kathleen Pattison
Executive Assistant | Estimating Division


STATE OF ILLINOIS - EXTRA! X-treme
File Edit View Tools Session Options Help
OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 13:56 04/29/19
ACTION: S
VENDOR NUMBER=
OFFSET: 01 OF 02
VENDOR NAME: HOOKS AV, LLC
CLAIMING AGENCY NUMBER: 427
CLAIMING AGENCY NAME: EMPLOYMENT SECURITY DEPT OF
CLAIMING AGENCY PHONE NUMBER: 312/793-8333
DISCLAIMER:
AS OF 04/29/19 AT 13:56 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER . AN ACTIVE CLAIM MEANS A CLAIM THAT HAS NOT BEEN FULLY SETTLED BY PAYMENT TO THE CLAIMING AGENCY. AN ACTIVE CLAIM COULD BE SUBJECT TO A PENDING ADMINISTRATIVE OR JUDICIAL PROTEST, PAYMENTS IN PROCESS, OR A WRITTEN PAYMENT AGREEMENT WITH THE CLAIMING AGENCY. PLEASE CONTACT THE CLAIMING AGENCY THAT IS IDENTIFIED ON THIS SCREEN, AND/OR THE VENDOR FOR FURTHER DETAILS ON THIS CLAIM.
ENTER=PROCESS, PF3=IOCM, PF12=REFRESH
:00.1
09/41
Connected to host 10.201.112.17 (STTC0028)
Keys: 29208 Saved: 0000
NUM
1:57 PM

Hooks

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:33 04/18/19

ACTION: S

VENDOR NUMBER=[redacted] OFFSET: 01 OF 02
VENDOR NAME: HOOKS AV, LLC
CLAIMING AGENCY NUMBER: 427
CLAIMING AGENCY NAME: EMPLOYMENT SECURITY DEPT OF
CLAIMING AGENCY PHONE NUMBER: 312/793-8333

DISCLAIMER:
AS OF 04/18/19 AT 07:35 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] AN ACTIVE CLAIM MEANS A CLAIM THAT HAS NOT BEEN FULLY SETTLED BY PAYMENT TO THE CLAIMING AGENCY. AN ACTIVE CLAIM COULD BE SUBJECT TO A PENDING ADMINISTRATIVE OR JUDICIAL PROTEST, PAYMENTS IN PROCESS, OR A WRITTEN PAYMENT AGREEMENT WITH THE CLAIMING AGENCY. PLEASE CONTACT THE CLAIMING AGENCY THAT IS IDENTIFIED ON THIS SCREEN, AND/OR THE VENDOR FOR FURTHER DETAILS ON THIS CLAIM.

* See Email

ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:37 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:37 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

*

ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:37 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:38 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER=[redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:40 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

OFFSET: 00 OF 00

VENDOR NUMBER= [redacted]
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:52 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:37 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:39 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:40 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME:
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:57 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted]. PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 07:40 04/18/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 04/18/19 AT 07:50 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

*

ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

Illinois Tollway

Substance Abuse Prevention Program Certification Public Act 95-0635

Contract # I-18-4430 Today's Date April 4, 2019

The undersigned Contractor(s) and Subcontractor(s) certify that they have read the provisions of the Substance Abuse Prevention on Public Works Act, Public Act 95-0635, and are in compliance with the terms of the Act.

____The Contractor/Subcontractors hereby certify that they are exempt from the provisions of Public Act 95-0635 because it is a party to a collective bargaining agreement that deals with Substance Abuse and Prevention as provided for in the Act.

__X__The Contractor/Subcontractors hereby certify they have a program in place to address Substance Abuse and Prevention as provided for in the Act and will submit the same to the Illinois Tollway prior to issuance of an Authorization to Proceed.

F.H. Paschen, S.N. Nielsen & Associates LLC — Contractor

Roland Schneider, Authorized Agent & VP — Name/Title of Authorized Representative

[redacted] — Signature of Authorized Representative

Subcontractor — Name/Title of Authorized Representative

Signature of Authorized Representative

Subcontractor — Name/Title of Authorized Representative

Signature of Authorized Representative

Subcontractor — Name/Title of Authorized Representative

Signature of Authorized Representative

Subcontractor — Name/Title of Authorized Representative

Signature of Authorized Representative

STATE OF ILLINOIS
TAXPAYER IDENTIFICATION NUMBER

I certify that:

The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and

I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and

I am a U.S. person (including a U.S. resident alien).

- If you are an individual, enter your name and SSN as it appears on your Social Security Card.
- If you are a sole proprietor, enter the owner's name on the name line followed by the name of the business and the owner's SSN or EIN.
- If you are a single-member LLC that is disregarded as an entity separate from its owner, enter the owner's name on the name line and the D/B/A on the business name line and enter the owner's SSN or EIN.
- If the LLC is a corporation or partnership, enter the entity's business name and EIN and for corporations, attach IRS acceptance letter (CP261 or CP277).
- For all other entities, enter the name of the entity as used to apply for the entity's EIN and the EIN.

Name: Click here to enter text.

Business Name: F.H. Paschen, S.N. Nielsen & Associates LLC

Taxpayer Identification Number:

Social Security Number: Click here to enter text.

or

Employer Identification Number: [redacted]

Legal Status (check one):

☐ Individual	☐ Governmental
☐ Sole Proprietor	☐ Nonresident alien
☐ Partnership	☐ Estate or trust
☐ Legal Services Corporation	☐ Pharmacy (Non-Corp.)
☐ Tax-exempt	☐ Pharmacy/Funeral Home/Cemetery (Corp.)
☐ Corporation providing or billing medical and/or health care services	☒ Limited Liability Company (select applicable tax classification)
☐ Corporation NOT providing or billing medical and/or health care services	☐ C = corporation ☒ P = partnership

Signature of Authorized Representative: [redacted] Roland Schneider, Auth. Agent

Date: April 4, 2019

File Number 0090148-2

STATE OF ILLINOIS
OFFICE OF
THE SECRETARY OF STATE

To all to whom these Presents Shall Come, Greeting:

I, Jesse White, Secretary of State of the State of Illinois, do hereby certify that I am the keeper of the records of the Department of Business Services. I certify that

F.H. PASCHEN, S.N. NIELSEN & ASSOCIATES LLC, HAVING ORGANIZED IN THE STATE OF ILLINOIS ON APRIL 21, 2003, APPEARS TO HAVE COMPLIED WITH ALL PROVISIONS OF THE LIMITED LIABILITY COMPANY ACT OF THIS STATE, AND AS OF THIS DATE IS IN GOOD STANDING AS A DOMESTIC LIMITED LIABILITY COMPANY IN THE STATE OF ILLINOIS.

In Testimony Whereof, *I hereto set my hand and cause to be affixed the Great Seal of the State of Illinois, this* 4TH *day of* FEBRUARY *A.D.* 2019 .

Authentication #: 1903501632 verifiable until 02/04/2020
Authenticate at: http://www.cyberdriveillinois.com

Jesse White

SECRETARY OF STATE

Certificate of Registration

STATE BOARD OF ELECTIONS

Registration No. 11281

FH Paschen SN Nielsen & Asscts LLC

5515 N. East River Road

Chicago IL 60656

Information for this business last updated on:

Wednesday, March 13, 2019

Certificate produced on Wednesday, March 13, 2019 at 10:16 AM

Registered
SEAL OF THE STATE BOARD OF ELECTIONS ILLINOIS
Business

STATE OF ILLINOIS
FORMS B CERTIFICATIONS AND DISCLOSURES

IPB Reference #: Click here to enter text. Procurement/Contract #: I-18-4430

This Forms B may be used when responding to an Invitation for Bid (IFB) or a Request for Proposal (RFP) if the vendor is registered in the Illinois Procurement Gateway (IPG) and has a valid IPG Registration Number that is active and not expired.

If a vendor does not have a valid IPG registration number, then the vendor must complete and submit Forms A with their response. Failure to do so may render the submission non-responsive and result in disqualification.

Please read this entire section and provide the requested information as applicable. All parts in Forms B must be completed in full and submitted along with the vendor's response.

1. **Certification of Illinois Procurement Gateway Registration**

My business has a valid Illinois Procurement Gateway (IPG) registration. The State of Illinois Chief Procurement Office approved the registration and provided the IPG registration number and expiration date disclosed in this Forms B.

To ensure that you have a valid registration in the IPG, search for your business name in the IPG Registered Vendor Directory. If your company does not appear in the search results, then you do not have a valid IPG registration.

IPG Registration #: 20067348 IPG Expiration Date: November 7, 2019

2. **Certification Timely to this Solicitation or Contract**

Vendor certifies it is not barred from having a contract with the State based upon violating the prohibitions related to either submitting/writing specifications or providing assistance to an employee of the State of Illinois by reviewing, drafting, directing, or preparing any invitation for bids, a request for proposal, or request of information, or similar assistance (except as part of a public request for such information). 30 ILCS 500/50-10.5(e).
☒ Yes ☐ No

3. **Disclosure of Lobbyist or Agent** (Complete only if bid, offer, or contract has an annual value over $50,000)

Is your company or parent entity(ies) represented by or do you or your parent entity(ies) employ a lobbyist required to register under the Lobbyist Registration Act (lobbyist must be registered pursuant to the Act with the Secretary of State) or an agent who has communicated, is communicating, or may communicate with any State officer or employee concerning the bid or offer? If yes, please identify each lobbyist and agent, including the name and address below. ☐ Yes ☒ No

If yes, please identify each lobbyist and agent, including the name and address below. If you have a lobbyist that does not meet the criteria, then you do not have to disclose the lobbyist's information. Additional rows may be inserted into the table or an attachment may be provided if needed.

Name	Address	Relationship to Disclosing Entity
Click here to enter text.	Click here to enter text.	Click here to enter text.

Describe all costs/fees/compensation/reimbursements related to the assistance provided by each representative lobbyist or other agent to obtain this Agency contract: Click here to enter text.

4. **Disclosure of Current and Pending Contracts**

STATE OF ILLINOIS
FORMS B CERTIFICATIONS AND DISCLOSURES

Complete only if: (a) your business is for-profit and (b) the bid, offer, or contract has an annual value over $50,000. Do not complete if you are a not-for-profit entity.

☒ Yes ☐ No. Do you have any contracts, pending contracts, bids, proposals, subcontracts, leases or other ongoing procurement relationships with units of State of Illinois government?

If "Yes", please specify below. Additional rows may be inserted into the table or an attachment in the same format may be provided if needed.

Agency	Project Title	Status	Value	Contract Reference/P.O./Illinois Procurement Bulletin #
See Attached	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

5. Signature

As of the date signed below, I certify that:

- My business' information and the certifications made in the Illinois Procurement Gateway are truthful and accurate.
- The certifications and disclosures made in this Forms B are truthful and accurate.

This Forms B is signed by an authorized officer or employee on behalf of the bidder, offeror, or vendor pursuant to Sections 50-13 and 50-35 of the Illinois Procurement Code, and the affirmation of the accuracy of the financial disclosures is made under penalty of perjury.

This disclosure information is submitted on behalf of:

Vendor Name: F.H. Paschen, S.N. Nielsen & Associates LLC

Street Address: 5515 N. East River Rd., Chicago, IL 60656

City, State, Zip: Chicago, Illinois 60656

Phone: 773-444-3474

Email: rschneider@fhpaschen.com

Vendor Contact: Roland Schneider, Authorized Agent

Signature [redacted]

Date: April 4, 2019

Printed Name: Roland Schneider

Title: Authorized Agent

F.H. Paschen, S.N. Nielsen & Associates LLC

Current Contracts With Other Units of State of Illinois Government

Agency	Project Title	Status	Contract Amount	Contract Reference
Illinois State Toll Highway Authority Authority Drive owners Grove, IL 60515 30-241-6800	Pavement and Structural Preservation Veterans Memorial Tollway I-355 MP 0.00 to MP 12.3	In Progress	$4,298,381	RR-17-4340
Illinois Department of Transportation 300 South Dirksen Parkway Springfield, Illinois 62764	Bridge Substructure Repairs to SN 016-0669 on I-90/94 at Addison, Chicago, IL	In Progress	$589,497	Item 007 Letting January 19, 2018 / Contract
Illinois State Toll Highway Authority Authority Drive owners Grove, IL 60515 30-241-6800	Pavement & Structural Preservation & Rehabilitation Reagan Memorial Tollway I-88 MP 126.9 to MP 139.1	In Progress	$10,528,461.72	Contract RR-17-4313
Illinois State Toll Highway Authority Authority Drive owners Grove, IL 60515 30-241-6800	Pavement & Structural Preservation & Rehabilitation Reagan Memorial Tollway I-88 MP 126.9 to MP 139.1	In Progress	$13,804,364	Contract RR-17-4314
Illinois State Toll Highway Authority Authority Drive owners Grove, IL 60515 30-241-6800	O'Hare Oasis Bridge Demolition and Grading I-294 MP 37.8 to MP 37.9	In Progress	$4,668,269	Contract I-18-4390
Illinois State Toll Highway Authority Authority Drive owners Grove, IL 60515 30-241-6800	I-490 at I-90 Interchange Eastbound and Westbound I-90 Ramp Construction MP 73.2 to MP 74.5	In Progress	$19,486,607	Conract I-18-4699
Illinois State Toll Highway Authority Authority Drive owners Grove, IL 60515 30-241-6800	Pavement and Structural Preservation and Rehabilitation I-88 MP 113.6 to MP 123.9	Pending	$8,190,544.95	Contract RR-19-4451

Vendor Registration: View

Help & Tools

General | Public Profile | Users | Commodity Codes | Contacts & Owners | Comments | Certifications | Site Visits | Registrations | Reports

F.H. Paschen, S.N. Nielsen & Associates LLC — System Vendor Number: 20067348

1 flag has been added to this record. See below for details.

Show only flagged items.

Vendor Registration

TYPE	State of Illinois Vendor Registration
DESCRIPTION	Register to do business with the State of Illinois
DATE SUBMITTED	10/24/2018
STATUS	Accepted
REVIEWER	Caleb Adams
DATE REVIEWED	11/7/2018
PUBLIC REVIEW COMMENTS	
PRIVATE REVIEW COMMENTS	
EXPIRATION DATE	11/7/2019
FLAG FORM	Add Flag

Settings

SMALL BUSINESS SET-ASIDE PROGRAM (SBSP) REGISTERED	No
REGISTERING AS A	Prime

Entity Information

BUSINESS NAME	F.H. Paschen, S.N. Nielsen & Associates LLC
CONTACT FOR THIS SUBMISSION	Kathleen Pattison (change contact)
PRIMARY CONTACT EMAIL	kpattison@fhpaschen.com
PHONE	773-444-3474
FAX	773-693-0064
COMPANY EMAIL	kpattison@fhpaschen.com
TAX ID NUMBER	[redacted]
COMPANY TYPE	LLC
ADDRESS	5515 N. East River Road Chicago, IL 60656 [edit address]

Vendor Registration: View Form

Help & Tools

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F.H. Paschen, S.N. Nielsen & Associates LLC — System Vendor Number: 20067348

Return to Main Form

Vendor Registration

FORM NAME	A - B. Business Information & Additional Information
DESCRIPTION	Complete section A and B, in order to submit this form.
DATE SUBMITTED	10/24/2018
STATUS	Accepted
BUSINESS NAME	F.H. Paschen, S.N. Nielsen & Associates LLC
POINT OF CONTACT	Kathleen Pattison
FLAG FORM	Add Flag

A. Business Information

1. YOUR BUSINESS IS REGISTERING AS A	Prime Contractor only- All Forms A-I must be completed.
2. NAME OF CEO/BUSINESS OWNER	James V. Blair
3. ANNUAL SALES/GROSS RECEIPTS	536,032,900
4. WHEN WAS YOUR BUSINESS ESTABLISHED?	04/21/2003
5. IN WHAT ILLINOIS COUNTY(IES) ARE YOU CONDUCTING BUSINESS?	The business conducts business statewide.
6. CONTACT PERSON FOR THIS VENDOR REGISTRATION	Kathleen Pattison
CONTACT PERSON TITLE	Asst. Secretary
CONTACT PERSON PHONE	773-444-3474
CONTACT PERSON EMAIL	kpattison@fhpaschen.com

B. Additional Information

1. HOW DID YOU LEARN ABOUT THE ILLINOIS PROCUREMENT GATEWAY?	**Chief Procurement Office (CPO)**

Vendor Registration: View Form

Help & Tools

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F.H. Paschen, S.N. Nielsen & Associates LLC — System Vendor Number: 20067348

Return to Main Form

Vendor Registration

FORM NAME	C. Small Business Set-Aside Program
DESCRIPTION	Complete the Small Business Set-Aside Program form
DATE SUBMITTED	10/24/2018
STATUS	Accepted
BUSINESS NAME	F.H. Paschen, S.N. Nielsen & Associates LLC
POINT OF CONTACT	Kathleen Pattison
FLAG FORM	Add Flag

C. Small Business Set-Aside Program

1. WOULD YOU LIKE TO APPLY/RE-QUALIFY FOR THE SMALL BUSINESS SET-ASIDE PROGRAM?	No

Additional Information

STAFF ATTACHED FILE(S)

Attach File

Refresh List after attaching file(s).

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F.H. Paschen, S.N. Nielsen & Associates LLC — System Vendor Number: 20067348

Return to Main Form

1 flag has been added to this record. See below for details.

Show only flagged items.

Vendor Registration

FORM NAME	D - E. Department of Human Rights (DHR) & Authorized to do Business in Illinois
DESCRIPTION	Complete section D and E, in order to submit this form.
DATE SUBMITTED	10/24/2018
STATUS	Accepted
BUSINESS NAME	F.H. Paschen, S.N. Nielsen & Associates LLC
POINT OF CONTACT	Kathleen Pattison
FLAG FORM	Add Flag

D. Department of Human Rights (DHR)

1. HIGHEST NUMBER OF EMPLOYEES (INCLUDING FULL AND PART TIME EMPLOYEES) AT ANY TIME DURING THE PAST YEAR	588	
2. SELECT THE DHR STATUS OF YOUR BUSINESS	My business had 15 or more employees at any time within the past year. 119518-00	

E. Authorized to do Business in Illinois

1. IS YOUR BUSINESS REGISTERED AND AUTHORIZED TO DO BUSINESS IN ILLINOIS?	Yes, registered and in good standing with the Illinois Secretary of State	

Additional Information

STAFF ATTACHED FILE(S)

Attach File

Refresh List after attaching file(s).

Vendor Registration: View Form

Help & Tools

General | Public Profile | Users | Commodity Codes | Contacts & Owners | Comments | Certifications | Site Visits | Registrations | Reports

F.H. Paschen, S.N. Nielsen & Associates LLC — System Vendor Number: 20067348

Return to Main Form

Vendor Registration

FORM NAME	**F - G. Certifications & Board of Elections**
DESCRIPTION	Complete section F - G, in order to submit the form.
DATE SUBMITTED	10/24/2018
STATUS	Accepted
BUSINESS NAME	F.H. Paschen, S.N. Nielsen & Associates LLC
POINT OF CONTACT	Kathleen Pattison
FLAG FORM	Add Flag

F. Certifications

1. VENDOR CERTIFIES IT AND ITS EMPLOYEES WILL COMPLY WITH APPLICABLE PROVISIONS OF THE UNITED STATES, CIVIL RIGHTS ACT, SECTION 504 OF THE FEDERAL REHABILITATION ACT, THE AMERICANS WITH DISABILITIES ACT, AND APPLICABLE RULES IN PERFORMANCE OF THIS CONTRACT.

Yes

2. THIS APPLIES TO INDIVIDUALS, SOLE PROPRIETORSHIPS, GENERAL PARTNERSHIPS, AND SINGLE MEMBER LLCS, BUT IS NOT OTHERWISE APPLICABLE. VENDOR CERTIFIES HE/SHE IS NOT IN DEFAULT ON AN EDUCATIONAL LOAN. 5 ILCS 385/3

Yes

3. VENDOR CERTIFIES THAT IT HAS REVIEWED AND WILL COMPLY WITH THE DEPARTMENT OF EMPLOYMENT SECURITY LAW (20 ILCS 1005/1005-47) AS APPLICABLE

Yes

4. VENDOR CERTIFIES IT HAS NEITHER BEEN CONVICTED OF BRIBING OR ATTEMPTING TO BRIBE AN OFFICER OR EMPLOYEE OF THE STATE OF ILLINOIS OR ANY OTHER STATE, NOR MADE AN ADMISSION OF GUILT OF SUCH CONDUCT THAT IS A MATTER OF RECORD. 30 ILCS 500/50-5

Yes

5. IF VENDOR HAS BEEN CONVICTED OF A FELONY, VENDOR CERTIFIES AT LEAST FIVE YEARS HAVE PASSED SINCE THE DATE OF COMPLETION OF THE SENTENCE FOR SUCH FELONY, UNLESS NO PERSON HELD RESPONSIBLE BY A PROSECUTOR'S OFFICE FOR THE FACTS UPON WHICH THE CONVICTION WAS BASED CONTINUES TO HAVE ANY INVOLVEMENT WITH THE BUSINESS. VENDOR FURTHER CERTIFIES THAT IT IS NOT BARRED FROM BEING AWARDED A CONTRACT. 30 ILCS 500/50-10

Yes

6. IF VENDOR OR ANY OFFICER, DIRECTOR, PARTNER, OR OTHER MANAGERIAL AGENT OF VENDOR HAS BEEN CONVICTED OF A FELONY UNDER THE SARBANES-OXLEY ACT OF 2002, OR A CLASS 3 OR CLASS 2 FELONY UNDER THE ILLINOIS SECURITIES LAW OF 1953, VENDOR CERTIFIES AT LEAST FIVE YEARS HAVE PASSED SINCE THE DATE OF THE CONVICTION. VENDOR FURTHER CERTIFIES THAT IT IS NOT BARRED FROM BEING AWARDED A CONTRACT. 30 ILCS 500/50-10.5

Yes

7. VENDOR CERTIFIES THAT IT AND ITS AFFILIATES ARE NOT DELINQUENT IN THE PAYMENT OF ANY DEBT TO THE UNIVERSITY OR THE STATE (OR IF DELINQUENT, HAVE ENTERED INTO A DEFERRED PAYMENT PLAN TO PAY THE DEBT). 30 ILCS 500/50-11, 50-60

Yes

8. VENDOR CERTIFIES THAT IT AND ALL AFFILIATES SHALL COLLECT AND REMIT ILLINOIS USE TAX ON ALL SALES OF TANGIBLE PERSONAL PROPERTY INTO THE STATE OF ILLINOIS IN ACCORDANCE WITH PROVISIONS OF THE ILLINOIS USE TAX ACT. 30 ILCS 500/50-12

Yes

9. VENDOR CERTIFIES THAT IT HAS NOT BEEN FOUND BY A COURT OR THE POLLUTION CONTROL BOARD TO HAVE COMMITTED A WILLFUL OR KNOWING VIOLATION OF THE ENVIRONMENTAL PROTECTION ACT WITHIN THE LAST FIVE YEARS, AND IS THEREFORE NOT BARRED FROM BEING AWARDED A CONTRACT. 30 ILCS 500/50-14

Yes

10. VENDOR CERTIFIES IT HAS NEITHER PAID ANY MONEY OR VALUABLE THING TO INDUCE ANY PERSON TO REFRAIN FROM BIDDING ON A STATE CONTRACT, NOR ACCEPTED ANY MONEY OR OTHER VALUABLE THING, OR ACTED UPON THE PROMISE OF SAME, FOR NOT BIDDING ON A STATE CONTRACT. 30 ILCS 500/50-25

Yes

11. VENDOR CERTIFIES IT HAS READ, UNDERSTANDS AND IS NOT KNOWINGLY IN VIOLATION OF THE "REVOLVING DOOR" PROVISION OF THE ILLINOIS PROCUREMENT CODE. 30 ILCS 500/50-30

Yes

12. VENDOR CERTIFIES THAT IF IT HIRES A PERSON REQUIRED TO REGISTER UNDER THE LOBBYIST REGISTRATION ACT TO ASSIST IN OBTAINING ANY STATE CONTRACT, THAT NONE OF THE LOBBYIST'S COSTS, FEES, COMPENSATION, REIMBURSEMENTS OR OTHER REMUNERATION WILL BE BILLED TO THE STATE. 30 ILCS 500/50-38

Yes

13. VENDOR CERTIFIES THAT IT WILL NOT RETAIN A PERSON OR ENTITY TO ATTEMPT TO INFLUENCE THE OUTCOME OF A PROCUREMENT DECISION FOR COMPENSATION CONTINGENT IN WHOLE OR IN PART UPON THE DECISION OR PROCUREMENT.30 ILCS 500/50-38

Yes

14. VENDOR CERTIFIES IT WILL REPORT TO THE ILLINOIS ATTORNEY GENERAL AND THE CHIEF PROCUREMENT OFFICER ANY SUSPECTED COLLUSION OR OTHER ANTI-COMPETITIVE PRACTICE AMONG ANY BIDDERS, OFFERORS, CONTRACTORS, PROPOSERS, OR EMPLOYEES OF THE STATE. 30 ILCS 500/50-40, 50-45, 50-50

Yes

15. VENDOR CERTIFIES THAT IF IT IS AWARDED A CONTRACT THROUGH THE USE OF THE PREFERENCE REQUIRED BY THE PROCUREMENT OF DOMESTIC PRODUCTS ACT, THEN IT SHALL PROVIDE PRODUCTS PURSUANT TO THE CONTRACT OR A SUBCONTRACT THAT ARE MANUFACTURED IN THE UNITED STATES. 30 ILCS 517

Yes

16. VENDOR CERTIFIES THAT IF AWARDED A CONTRACT FOR PUBLIC WORKS, STEEL PRODUCTS USED OR SUPPLIED IN THE PERFORMANCE OF THAT CONTRACT SHALL BE MANUFACTURED OR PRODUCED IN THE UNITED STATES, UNLESS THE EXECUTIVE HEAD OF THE PROCURING AGENCY/UNIVERSITY GRANTS AN EXCEPTION IN WRITING. 30 ILCS 565

Yes

17. IF VENDOR IS AWARDED A CONTRACT WORTH MORE THAN $5,000 AND EMPLOYS 25 OR MORE EMPLOYEES, VENDOR CERTIFIES IT WILL PROVIDE A DRUG FREE WORKPLACE PURSUANT TO THE DRUG FREE WORKPLACE ACT. 30 ILCS 580

Yes

18. IF VENDOR IS AN INDIVIDUAL AND IS AWARDED A CONTRACT WORTH MORE THAN $5,000, VENDOR CERTIFIES IT SHALL NOT ENGAGE IN THE UNLAWFUL MANUFACTURE, DISTRIBUTION, DISPENSATION, POSSESSION, OR USE OF A CONTROLLED SUBSTANCE DURING THE PERFORMANCE OF THE CONTRACT PURSUANT TO THE DRUG FREE WORKPLACE ACT. 30 ILCS 580

N/A

19. VENDOR CERTIFIES THAT NEITHER VENDOR NOR ANY SUBSTANTIALLY OWNED AFFILIATE IS PARTICIPATING OR SHALL PARTICIPATE IN AN INTERNATIONAL BOYCOTT IN VIOLATION OF THE U.S. EXPORT ADMINISTRATION ACT OF 1979 OR THE APPLICABLE REGULATIONS OF THE UNITED STATES DEPARTMENT OF COMMERCE. 30 ILCS 582

Yes

20. VENDOR CERTIFIES THAT NO FOREIGN-MADE EQUIPMENT, MATERIALS, OR SUPPLIES FURNISHED TO THE AGENCY/UNIVERSITY UNDER ANY CONTRACT HAVE BEEN OR WILL BE PRODUCED IN WHOLE OR IN PART BY FORCED LABOR OR INDENTURED LABOR UNDER PENAL SANCTION. 30 ILCS 583

Yes

21. VENDOR CERTIFIES THAT NO FOREIGN-MADE EQUIPMENT, MATERIALS, OR SUPPLIES FURNISHED TO THE AGENCY/UNIVERSITY UNDER ANY CONTRACT HAVE BEEN PRODUCED IN WHOLE OR IN PART BY THE LABOR OR ANY CHILD UNDER THE AGE OF 12. 30 ILCS 584

Yes

22. VENDOR CERTIFIES THAT IF AWARDED A CONTRACT INCLUDING INFORMATION TECHNOLOGY, ELECTRONIC INFORMATION, SOFTWARE, SYSTEMS AND EQUIPMENT, DEVELOPED OR PROVIDED UNDER ANY CONTRACT, IT WILL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE ILLINOIS INFORMATION TECHNOLOGY ACCESSIBILITY ACT STANDARDS. 30 ILCS 587

Yes

23. VENDOR CERTIFIES THAT IF IT OWNS RESIDENTIAL BUILDINGS, THAT ANY VIOLATION OF THE LEAD POISONING PREVENTION ACT HAS BEEN MITIGATED. 410 ILCS 45

Yes

24. VENDOR CERTIFIES IT HAS NOT BEEN CONVICTED OF THE OFFENSE OF BID RIGGING OR BID ROTATING OR ANY SIMILAR OFFENSE OF ANY STATE OR OF THE UNITED STATES. 720 ILCS 5/33 E-3, E-4, E-11

Yes

25. VENDOR CERTIFIES IT COMPLIES WITH THE ILLINOIS DEPARTMENT OF HUMAN RIGHTS ACT AND RULES APPLICABLE TO PUBLIC CONTRACTS, WHICH INCLUDE PROVIDING EQUAL EMPLOYMENT OPPORTUNITY, REFRAINING FROM UNLAWFUL DISCRIMINATION, AND HAVING WRITTEN SEXUAL HARASSMENT POLICIES. 775 ILCS 5/2-105

Yes

26. VENDOR CERTIFIES IT DOES NOT PAY DUES TO OR REIMBURSE OR SUBSIDIZE PAYMENTS BY ITS EMPLOYEES FOR ANY DUES OR FEES TO ANY "DISCRIMINATORY CLUB." 775 ILCS 25/2

Yes

27. VENDOR WARRANTS AND CERTIFIES THAT IT AND, TO THE BEST OF ITS KNOWLEDGE, ITS SUBCONTRACTORS HAVE AND WILL COMPLY WITH EXECUTIVE ORDER NO. 1 (2007). THE ORDER GENERALLY PROHIBITS VENDORS AND SUBCONTRACTORS FROM HIRING THE THEN-SERVING GOVERNOR'S FAMILY MEMBERS TO LOBBY PROCUREMENT ACTIVITIES OF THE STATE, OR ANY OTHER GOVERNMENT IN ILLINOIS INCLUDING LOCAL GOVERNMENTS IF THAT PROCUREMENT MAY RESULT IN A CONTRACT VALUED AT OVER $25,000. THIS PROHIBITION ALSO APPLIES TO HIRING FOR THAT SAME PURPOSE ANY FORMER STATE EMPLOYEE WHOSE PROCUREMENT AUTHORITY AT ANY TIME DURING THE ONE-YEAR PERIOD PRECEDING THE PROCUREMENT LOBBYING ACTIVITY.

Yes

28. VENDOR CERTIFIES THAT IT HAS READ, UNDERSTANDS AND IS IN COMPLIANCE WITH THE REGISTRATION REQUIREMENTS OF THE ILLINOIS ELECTIONS CODE (10 ILCS 5/9-35) AND THE RESTRICTIONS ON MAKING POLITICAL CONTRIBUTIONS AND RELATED REQUIREMENTS OF THE ILLINOIS PROCUREMENT CODE. 30 ILCS 500/20-160 AND 50-37 VENDOR WILL NOT MAKE A POLITICAL CONTRIBUTION THAT WILL VIOLATE THESE REQUIREMENTS.

Yes

29. THIS APPLIES TO INDIVIDUALS, SOLE PROPRIETORSHIPS, GENERAL PARTNERSHIPS, AND SINGLE MEMBER LLCS, BUT IS NOT OTHERWISE APPLICABLE. VENDOR CERTIFIES THAT HE/SHE HAS NOT RECEIVED AN EARLY RETIREMENT INCENTIVE PRIOR TO 1993 UNDER SECTION 14-108.3 OR 16-133.3 OF THE ILLINOIS PENSION CODE OR AN EARLY RETIREMENT INCENTIVE ON OR AFTER 2002 UNDER SECTION 14-108.3 OR 16-133.3 OF THE ILLINOIS PENSION CODE. (30 ILCS 105/15A; 40 ILCS 5/14-108.3; 40 ILCS 5/16-133

Yes

G. Board of Elections (BOE)

1. IS YOUR BUSINESS REGISTERED WITH THE BOARD OF ELECTIONS (BOE)?

Yes, I certify my business is registered with BOE.

11281

Additional Information

STAFF ATTACHED FILE(S)

Attach File

Refresh List after attaching file(s).

Customer Support
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Help & Tools

Vendor Registration: View Form

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F.H. Paschen, S.N. Nielsen & Associates LLC — System Vendor Number: 20067348

Return to Main Form

Vendor Registration

FORM NAME	H. Iran Disclosure
DESCRIPTION	Complete section H, in order to submit this form.
DATE SUBMITTED	10/24/2018
STATUS	Accepted
BUSINESS NAME	F.H. Paschen, S.N. Nielsen & Associates LLC
POINT OF CONTACT	Kathleen Pattison
FLAG FORM	Add Flag

H. Iran Disclosure

1. DO YOU OR ANY OF YOUR CORPORATE PARENTS OR SUBSIDIARIES HAVE ANY BUSINESS OPERATIONS THAT MUST BE DISCLOSED?

No business operations to disclose.

Additional Information

STAFF ATTACHED FILE(S)

Attach File

Refresh List after attaching file(s).

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Vendor Registration: View Form

Help & Tools

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F.H. Paschen, S.N. Nielsen & Associates LLC — System Vendor Number: 20067348

Return to Main Form

Vendor Registration

FORM NAME	**I. Financial Disclosure & Conflicts of Interest**
DESCRIPTION	**Complete the Financial Disclosure & Conflicts of Interest form**
DATE SUBMITTED	10/24/2018
STATUS	Accepted
BUSINESS NAME	F.H. Paschen, S.N. Nielsen & Associates LLC
POINT OF CONTACT	Kathleen Pattison
FLAG FORM	Add Flag

I. Financial Disclosures & Conflicts of Interest

A. IDENTIFY THE APPLICABLE ENTITY TYPE.

Other Privately Held Entity (i.e. LLC, partnership, privately held corporation with 100 or fewer shareholders, or other **entity type not clearly identified in another option)**

B. IS THERE A PARENT ENTITY THAT OWNS 100% OF THE BUSINESS?

No

C. INSTRUMENT OF OWNERSHIP OR BENEFICIAL INTEREST

Limited Liability Company Membership Agreement (Series LLC, Low-Profit Limited Liability Partnership)

1. IS THERE ANY INDIVIDUAL OR ENTITY WHO MEETS ANY OF THE FOLLOWING THRESHOLDS: (A) OWNS MORE THAN 5% OF THE BUSINESS, (B) HOLDS OWNERSHIP SHARE OF THE BUSINESS VALUED IN EXCESS OF $106,447.20, (C) IS ENTITLED TO MORE THAN 5% OF THE BUSINESS' DISTRIBUTIVE INCOME, OR (D) IS ENTITLED TO MORE THAN $106,447.20 OF THE BUSINESS' DISTRIBUTIVE INCOME?

Yes, the information is not publicly available (If any individuals are listed, answer Yes or No to questions 5-8 and 11-20.)

Document	Status
List of individuals or entities meeting one or more of the listed thresholds. IPG Percentage of Ownership and Distributive Income Form.docx (DOCX)	Attached by Kathleen Pattison on 10/3/2018
Investor Membership Interests (DOCX, 15.42 KB)	

2. PLEASE CERTIFY THAT THE FOLLOWING STATEMENT IS TRUE: ALL INDIVIDUALS OR ENTITIES THAT HOLD AN OWNERSHIP INTEREST IN THE BUSINESS OF GREATER THAN 5% OR VALUED GREATER THAN $106,447.20 HAVE BEEN DISCLOSED IN QUESTION 1.

Yes

3. PLEASE CERTIFY THAT THE FOLLOWING STATEMENT IS TRUE: ALL INDIVIDUALS OR ENTITIES THAT WERE ENTITLED TO RECEIVE DISTRIBUTIVE INCOME IN AN AMOUNT GREATER THAN $106,447.20 OR GREATER THAN 5% OF THE TOTAL DISTRIBUTIVE INCOME OF THE BUSINESS HAVE BEEN DISCLOSED IN QUESTION 1.

Yes

4. DISCLOSURE OF BOARD OF DIRECTORS FOR NOT-FOR-PROFIT ENTITIES.

Not applicable - For-Profit Entity

5. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, ARE ANY OF THEM A PERSON WHO HOLDS AN ELECTIVE OFFICE IN THE STATE OF ILLINOIS OR HOLDS A SEAT IN THE GENERAL ASSEMBLY, OR ARE THEY THE SPOUSE OR MINOR CHILD OF SUCH PERSON?

No

6. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, ARE ANY OF THEM APPOINTED TO OR EMPLOYED IN ANY OFFICES OR AGENCIES OF STATE GOVERNMENT AND RECEIVE COMPENSATION FOR SUCH EMPLOYMENT IN EXCESS OF 60% ($106,447.20) OF THE SALARY OF THE GOVERNOR, OR ARE ANY OF THEM THE SPOUSE OR MINOR CHILD OF SUCH PERSON?

No

7. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, ARE ANY OF THEM AN OFFICER OR EMPLOYEE OF THE CAPITAL DEVELOPMENT BOARD OR THE ILLINOIS TOLL HIGHWAY AUTHORITY, OR ARE ANY OF THEM THE SPOUSE OR MINOR CHILD OF SUCH PERSON?

No

8. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, ARE ANY OF THEM APPOINTED AS A MEMBER OF A BOARD, COMMISSION, AUTHORITY, OR TASK FORCE AUTHORIZED OR CREATED BY STATE LAW OR BY EXECUTIVE ORDER OF THE GOVERNOR, OR ARE THEY THE SPOUSE OR AN IMMEDIATE FAMILY MEMBER WHO CURRENTLY RESIDES OR RESIDED WITH SUCH PERSON WITHIN THE LAST 12 MONTHS?

No

9. IF ANY QUESTION IN 5-8 ABOVE IS ANSWERED YES, PLEASE ANSWER THE FOLLOWING: DO ANY OF THE INDIVIDUALS IDENTIFIED, THEIR SPOUSE, OR MINOR CHILD RECEIVE FROM THE ENTITY MORE THAN 7.5% OF THE ENTITY'S TOTAL DISTRIBUTABLE INCOME OR AN AMOUNT OF DISTRIBUTABLE INCOME IN EXCESS OF THE SALARY OF THE GOVERNOR ($177,412.00)?

Not applicable - I answered No in Questions 5-8

10. IF ANY QUESTION IN 5-8 ABOVE IS ANSWERED YES, PLEASE ANSWER THE FOLLOWING: IS THERE A COMBINED INTEREST OF ANY INDIVIDUAL IDENTIFIED ALONG WITH THEIR SPOUSE OR MINOR CHILD OF MORE THAN 15% IN THE AGGREGATE OF THE ENTITY'S DISTRIBUTABLE INCOME OR AN AMOUNT OF DISTRIBUTABLE INCOME IN EXCESS OF TWO TIMES THE SALARY OF THE GOVERNOR ($354,824.00)?

Not applicable - I answered No in Questions 5-8

11. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, DO ANY OF THEM CURRENTLY HAVE, OR IN THE PREVIOUS 3 YEARS HAD STATE EMPLOYMENT, INCLUDING CONTRACTUAL EMPLOYMENT OF SERVICES? THIS DOES NOT INCLUDE CONTRACTS TO PROVIDE GOODS OR SERVICES TO THE STATE AS A VENDOR.

No

12. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, HAVE THEIR SPOUSE, FATHER, MOTHER, SON, OR DAUGHTER, HAD STATE EMPLOYMENT, INCLUDING CONTRACTUAL EMPLOYMENT FOR SERVICES, IN THE PREVIOUS 2 YEARS? THIS DOES NOT INCLUDE CONTRACTS TO PROVIDE GOODS OR SERVICES TO THE STATE AS A VENDOR.

No

13. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, DO ANY OF THEM CURRENTLY HOLD OR HAVE HELD IN THE PREVIOUS 3 YEARS ELECTIVE OFFICE OF THE STATE OF ILLINOIS, THE GOVERNMENT OF THE UNITED STATES, OR ANY UNIT OF LOCAL GOVERNMENT AUTHORIZED BY THE CONSTITUTION OF THE STATE OF ILLINOIS OR THE STATUTES OF THE STATE OF ILLINOIS?

No

14. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, DO ANY OF THEM HAVE A RELATIONSHIP TO ANYONE (SPOUSE, FATHER, MOTHER, SON, OR DAUGHTER) HOLDING ELECTIVE OFFICE CURRENTLY OR IN THE PREVIOUS 2 YEARS?

No

15. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, DO ANY OF THEM HOLD OR HAVE HELD IN THE PREVIOUS 3 YEARS ANY APPOINTIVE GOVERNMENT OFFICE OF THE STATE OF ILLINOIS, THE UNITED STATES OF AMERICA, OR ANY UNIT OF LOCAL GOVERNMENT AUTHORIZED BY THE CONSTITUTION OF THE STATE OF ILLINOIS OR THE STATUTES OF THE STATE OF ILLINOIS, WHICH OFFICE ENTITLES THE HOLDER TO COMPENSATION IN EXCESS OF EXPENSES INCURRED IN THE DISCHARGE OF THAT?

No

16. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, DO ANY OF THEM HAVE A RELATIONSHIP TO ANYONE (SPOUSE, FATHER, MOTHER, SON, OR DAUGHTER) HOLDING APPOINTIVE OFFICE CURRENTLY OR IN THE PREVIOUS 2 YEARS?

No

17. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, DO ANY OF THEM CURRENTLY HAVE OR IN THE PREVIOUS 3 YEARS HAD EMPLOYMENT AS OR BY ANY REGISTERED LOBBYIST OF THE STATE GOVERNMENT?

No

18. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, DO ANY OF THEM CURRENTLY HAVE OR IN THE PREVIOUS 2 YEARS HAD A RELATIONSHIP TO ANYONE (SPOUSE, FATHER, MOTHER, SON, OR DAUGHTER) THAT IS OR WAS A REGISTERED LOBBYIST?

No

19. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, DO ANY OF THEM CURRENTLY HAVE OR IN THE PREVIOUS 3 YEARS HAD COMPENSATED EMPLOYMENT BY ANY REGISTERED ELECTION OR RE-ELECTION COMMITTEE REGISTERED WITH THE SECRETARY OF STATE OR ANY COUNTY CLERK IN THE STATE OF ILLINOIS, OR ANY POLITICAL ACTION COMMITTEE REGISTERED WITH EITHER THE SECRETARY OF STATE OR THE FEDERAL BOARD OF ELECTIONS?

No

20. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, DO ANY OF THEM CURRENTLY HAVE OR IN THE PREVIOUS 2 YEARS HAD A RELATIONSHIP TO ANYONE (SPOUSE, FATHER, MOTHER, SON, OR DAUGHTER) WHO IS OR WAS A COMPENSATED EMPLOYEE OF ANY REGISTERED ELECTION OR REELECTION COMMITTEE REGISTERED WITH THE SECRETARY OF STATE OR ANY COUNTY CLERK IN THE STATE OF ILLINOIS, OR ANY POLITICAL ACTION COMMITTEE REGISTERED WITH EITHER THE SECRETARY OF STATE OR THE FEDERAL BOARD OF ELECTIONS?

No

21. HAS THERE BEEN ANY DEBARMENT FROM CONTRACTING WITH ANY GOVERNMENTAL ENTITY WITHIN THE PREVIOUS TEN YEARS? THIS APPLIES TO ALL SOLE PROPRIETORS, FOR-PROFIT ENTITIES, NOT-FOR-PROFIT ENTITIES, AND FOR THE INDIVIDUALS DISCLOSED IN QUESTION 1 ABOVE.

No

22. HAS THERE BEEN ANY PROFESSIONAL LICENSURE DISCIPLINE WITHIN THE PREVIOUS TEN YEARS? THIS APPLIES TO ALL SOLE PROPRIETORS, FOR-PROFIT ENTITIES, NOT-FOR-PROFIT ENTITIES, AND FOR THE INDIVIDUALS DISCLOSED IN QUESTION 1 ABOVE.

No

23. HAS THERE BEEN ANY BANKRUPTCY WITHIN THE PREVIOUS TEN YEARS? THIS APPLIES TO ALL SOLE PROPRIETORS, FOR-PROFIT ENTITIES, NOT-FOR-PROFIT ENTITIES, AND FOR THE INDIVIDUALS DISCLOSED IN QUESTION 1 ABOVE.

No

24. HAVE THERE BEEN ANY ADVERSE CIVIL JUDGMENTS AND/OR ADMINISTRATIVE FINDINGS WITHIN THE PREVIOUS TEN YEARS? THIS APPLIES TO ALL SOLE PROPRIETORS, FOR-PROFIT ENTITIES, NOT-FOR-PROFIT ENTITIES, AND FOR THE INDIVIDUALS DISCLOSED IN QUESTION 1 ABOVE.

No

25. HAVE THERE BEEN ANY CRIMINAL FELONY CONVICTIONS WITHIN THE PREVIOUS TEN YEARS? THIS APPLIES TO ALL SOLE PROPRIETORS, FOR-PROFIT ENTITIES, NOT-FOR-PROFIT ENTITIES, AND FOR THE INDIVIDUALS DISCLOSED IN QUESTION 1 ABOVE.

No

Additional Information

STAFF ATTACHED FILE(S)

Attach File

Refresh List after attaching file(s).

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ILLINOIS PROCUREMENT GATEWAY
PERCENTAGE OF OWNERSHIP AND DISTRIBUTIVE INCOME FORM

Vendor Name: F.H. Paschen, S.N. Nielsen & Associates LC

DBA: Click here to enter text.

INSTRUCTIONS:

1. Ownership Share – Provide the name and address of each individual or entity and their percentage of ownership if said percentage exceeds 5%, or the dollar value of their ownership if said dollar value exceeds $106,447.20.

2. Distributive Income – Provide the name and address of each individual or entity and their percentage of the disclosing vendor's total distributive income if said percentage exceeds 5% of the total distributive income of the disclosing entity, or the dollar value of their distributive income if said dollar value exceeds $106,447.20.

3. Additional rows may be inserted into the tables or an attachment in a substantially similar format may be provided if needed.

Name	Address	% of Ownership	$ Value of Ownership	% of Distributive Income	$ Value of Distributive Income
FHP TR Trust No. 1	5515 N. East River Road Chicago, IL 60656	66%	Click here to enter text.	31%	Click here to enter text.
James V. Blair	5515 N. East River Road Chicago, IL 60656	17%	Click here to enter text.	15%	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

BidBuy
ILLINOIS ePROCUREMENT

Basic Purchasing | Department Access

NIGP Code Browse | My Account | Customer Service | About

Current Organization: THA - Toll Highway Authority

April 29, 2019 10:58:27 AM CDT

Home | Items | Documents | Vendors

Quick Buy | Find It

Robert Flaska

Open Market Bid 19-557THA-ENGCO-B-5507

Status: 2BA - Approved

General | Items | Address | Accounting | Routing | Attachments(10) | Notes | Bidders | Questions | **Amendments(7)** | Q & A | Reminders(9) | Summary

Bid Amendment #:	7	Posted Date:	04/17/2019 10:45:57 AM
Comment:	Notice of Award	Posted User:	Eleanor Curcuro
Created User:	Shanel Bailey	Created Date:	04/17/2019 09:37:08 AM
Note to Vendor:	Notice of Award Attachment File Changes: Header 1. File 'Notice of Award Form 4430.pdf': File 'Notice of Award Form 4430.pdf' added . Enrollment Date Changes:		

Attachment File Changes

Modified Field	Item #	File	Description	Comment	User Updated	Date Updated	Show to Vendor
File #	Header	Notice of Award Form 4430.pdf	File 'Notice of Award Form 4430.pdf' added		Eleanor Curcuro	04/17/2019 10:45:57 AM	Yes

Approval Paths

5/1 10:46 AM

There are no approval paths found for this change order

Cancel & Exit | Print

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Mancillas, Pam

From: Bailey, Shanel
Sent: Friday, April 19, 2019 10:50 AM
To: Mancillas, Pam; Flaska, Robert
Subject: Waiver Granted for #4430 (Bid # 19-557THA-ENGCO-B-5507)

Pam,
Please use this email as documentation for Contract #4430, the waiver has been granted, thanks!

04/19/2019	Waiver Granted	Keisha Saintil	0	✓	04/19/2019 10:23:57 AM	Waiv
05/02/2019	Waiver Request	Matt von Behren	13	✓	04/18/2019 03:48:28 PM	Keish

From: il.bidbuy@illinois.gov <il.bidbuy@illinois.gov>
Sent: Friday, April 19, 2019 10:24 AM
To: Saintil, Keisha <KSaintil@getipass.com>
Subject: Reminder regarding Bid # 19-557THA-ENGCO-B-5507

Waiver Granted

Use this link to log on to BuySpeed Online: https://www.bidbuy.illinois.gov/bso/login.sdo

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Illinois Department of Transportation

Certificate of Eligibility

F.H. Paschen, S.N. Nielsen & Associates LLC
5515 N. East River Road CHICAGO, IL 60656

Contractor No 4657

WHO HAS FILED WITH THE DEPARTMENT AN APPLICATION FOR PREQUALIFICATION STATEMENT OF EXPERIENCE, EQUIPMENT AND FINANCIAL CONDITION IS HEREBY QUALIFIED TO BID AT ANY OF DEPARTMENT OF TRANSPORTATION LETTINGS IN THE CLASSES OF WORK AND WITHIN THE AMOUNT AND OTHER LIMITATIONS OF EACH CLASSIFICATION, AS LISTED BELOW, FOR SUCH PERIOD AS THE UNCOMPLETED WORK FROM ALL SOURCES DOES NOT EXCEED SUPER UNLIMITED

001	EARTHWORK	$18,775,000
002	PCC PAVING	$33,100,000
012	DRAINAGE	$2,900,000
017	CONCRETE CONSTRUCTION	Unlimited
034	DEMOLITION	$11,775,000
09C	HWY., R.R. & WATERWAY STR.	Unlimited

THIS CERTIFICATE OF ELIGIBILITY IS VALID FROM 5/14/2018 TO 4/30/2019 INCLUSIVE, AND SUPERSEDES ANY CERTIFICATE PREVIOUSLY ISSUED, BUT IS SUBJECT TO REVISION OR REVOCATION, IF AND WHEN CHANGES IN THE FINANCIAL CONDITION OF THE CONTRACTING FIRM OR OTHER FACTS JUSTIFY SUCH REVISIONS OR REVOCATION.
ISSUED AT SPRINGFIELD, ILLINOIS ON 5/14/2018.

[redacted]
Engineer of Construction

IL 494-0645

PART III: CONTRACT REQUIREMENTS

Contract Bond Agreement

Performance Bond

Payment Bond

Insurance

AGREEMENT

CONTRACT NO: I-18-4430

THIS AGREEMENT, authorized by the Board of Directors to be entered into in duplicate this day of **25th**, **April** **2019** by and between THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY (hereinafter referred to as the "AUTHORITY"), and **F.H. Paschen, S.N. Nielsen & Assoc., LLC**,

* a corporation organized and existing under the laws of the State of **Illinois** and authorized to do business in Illinois. {Attach Secretary of State certification}
* ~~a partnership consisting of~~
* ~~an individual doing business as~~
* ~~a joint venture consisting of no more than three (3) members.~~

with principal office in the City of **Chicago**, in the State of **Illinois** (hereinafter referred to as the "CONTRACTOR").

WITNESSETH:

In consideration of the premises and of the mutual covenants herein contained, the parties hereto mutually covenant and agree as follows:

DESCRIPTION AND SCOPE OF WORK

The CONTRACTOR shall perform all of the services and furnish all of the transportation, labor, materials, equipment and any other incidentals necessary or required to construct and complete the project described in this contract, also called The Work.

CONTRACT

The following documents, taken as a whole, constitute the Contract:

1. This executed Agreement and any supplement thereto.
2. The Contract Bonds.
3. The Addenda.
4. The Special Provisions.
5. The Plans.
6. The Tollway Supplemental Specifications.
7. The IDOT Supplemental Specifications and Recurring Special Provisions.
8. The IDOT Standard Specifications for Road and Bridge Construction.
9. The Bid.
10. The Instructions and Information to Bidders.
11. The Advertisement for Sealed Bids.

The terms and provisions of each and every one of the above documents are a part of this contract. In the event that any provision in any of the foregoing documents conflicts with any provisions in any other of the contract documents, the provisions in the contract document first above enumerated shall govern over the provisions of any other contract document which follows it.

AGREEMENT

CONTRACT NO: I-18-4430

(USE INK ONLY)

THIS AGREEMENT, authorized by the Board of Directors to be entered into in duplicate this day of_____, _____, 2019 by and between THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY (hereinafter referred to as the "AUTHORITY"), and _____

* a corporation organized and existing under the laws of the State of _____ and authorized to do business in Illinois. {Attach Secretary of State certification}
* a partnership consisting of
* an individual doing business as
* a joint venture consisting of no more than three (3) members.

(* DELETE ALL LINES THAT DO NOT APPLY)

with principal office in the City of _____, in the State of _____ (hereinafter referred to as the "CONTRACTOR").

WITNESSETH:

In consideration of the premises and of the mutual covenants herein contained, the parties hereto mutually covenant and agree as follows:

DESCRIPTION AND SCOPE OF WORK

The CONTRACTOR shall perform all of the services and furnish all of the transportation, labor, materials, equipment and any other incidentals necessary or required to construct and complete the project described in this contract, also called The Work.

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The following documents, taken as a whole, constitute the Contract:

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7. The IDOT Supplemental Specifications and Recurring Special Provisions
8. The IDOT Standard Specifications for Road and Bridge Construction.
9. The Bid.
10. The Instructions and Information to Bidders.
11. The Advertisement for Sealed Bids.

The terms and provisions of each and every one of the above documents are a part of this contract. In the event that any provision in any of the foregoing documents conflicts with any provisions in any other of the contract documents, the provisions in the contract document first above enumerated shall govern over the provisions of any other contract document which follows it.

CONTRACT NO: I-18-4430

CONTRACT BOND AGREEMENT

The CONTRACTOR shall simultaneously herewith furnish and deliver to the Authority a Performance Bond, agreeing to perform the work in accordance with all of the provisions of the contract, as in said Performance Bond provided, and a Payment Bond, agreeing to pay not less than prevailing wages for the work to be performed in accordance with the contract and the laws of the State of Illinois and agreeing to pay all sums of money due for any labor, materials, apparatus, fixtures or machinery and transportation with respect thereto, as in said Payment Bond provided, each dated the same date as this Agreement, in the forms prescribed by the AUTHORITY, and each in an amount equal to the contract price with a corporate surety or sureties acceptable to the AUTHORITY authorized to do business in the State of Illinois.

The CONTRACTOR agrees that said Bonds shall be maintained in full force and effect until final acceptance of the work by the AUTHORITY and thereafter, as provided in Article 103.05 of the Tollway Supplemental Specifications. The CONTRACTOR agrees and will cause the surety to agree to be bound by each and every provision of all of the contract documents.

If any surety upon any bond furnished in connection with this contract becomes unacceptable to the AUTHORITY, or if any such surety fails to furnish reports as to its financial condition from time to time as requested by the AUTHORITY, the CONTRACTOR shall promptly furnish such additional security as may be required from time to time to protect the interests of the AUTHORITY and all persons supplying labor or materials in the prosecution of the work contemplated by this contract.

In the event the surety shall make any assignment for the benefit of creditors or commit any act of bankruptcy, or if it shall be declared bankrupt, or if it shall file a voluntary petition in bankruptcy, or shall in the opinion of the AUTHORITY be insolvent, the CONTRACTOR agrees forthwith upon request of the AUTHORITY to furnish and maintain other corporate surety with respect to said Bonds satisfactory to the AUTHORITY.

DEFINITIONS

As used in this Agreement, the terms set forth shall have the meanings attributed to them in the Tollway Supplemental Specifications for THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY issued by the AUTHORITY.

TIME OF PERFORMANCE

The duration of this contract shall commence with the Executive Director's signature and shall continue until November 25, 2020, in accordance with the contract book schedule.

CONTRACT END DATE

The contract End Date is two (2) years from the Completion Date. Based on the Completion Date stated in the contract at the time of award the End Date November 25, 2022.

This contract maybe renewed for two (2) additional one (1) year terms or one (1) additional two (2) year term, the length of any renewal is to be determined and agreed upon by the Parties.

Mancillas, Pam

From: Roland Schneider <RSchneider@FHPaschen.com>
Sent: Tuesday, April 30, 2019 2:09 PM
To: Mancillas, Pam; Kathleen Pattison
Cc: Allen, Jeffrey; Griffin, Lanyea; Bob Zitek
Subject: RE: Construction Contract I-18-4430 T-2 Revised

Pamela,

Please allow this email to serve as FH Paschens formal acknowledgement of Addendum No.6 which revised the contract completion date from November 25th 2020 to December 21st 2020.

Thanks Roland

Roland Schneider
Senior Vice President

F.H. PASCHEN

5515 N. East River Road, Chicago, IL 60656
Main 773.444.3474 | Cell 773.842.7704
rschneider@fhpaschen.com | www.fhpaschen.com
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From: Mancillas, Pam <pmancillas@getipass.com>
Sent: Tuesday, April 30, 2019 1:24 PM
To: Kathleen Pattison <KPattison@FHPaschen.com>; Roland Schneider <RSchneider@FHPaschen.com>
Cc: Allen, Jeffrey <jallen@getipass.com>; Griffin, Lanyea <lgriffin@getipass.com>
Subject: FW: Construction Contract I-18-4430 T-2 Revised

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Afternoon,

During my review of your construction contract I-18-4430, I noticed that the completion date on the Contract Bond Agreement T-2 page did not reflect the revised contract completion date noted in Addendum No. 6. The revised contract completion date is December 21, 2020.

I have attached the documentation for your review.

Please respond that you acknowledge the revised contract completion date from November 25, 2020 to December 21, 2020.

Thank you,

Pamela A. Mancillas
PMO Team- Engineering Contract Services
The Illinois State Toll Highway Authority
2700 Ogden Avenue
Downers Grove, Illinois 60515
1-630-241-6800 x 4880
Email: pmancillas@getipass.com

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CONTRACT NO: I-18-4430

CONTRACT BOND AGREEMENT

The CONTRACTOR shall simultaneously herewith furnish and deliver to the Authority a Performance Bond, agreeing to perform the work in accordance with all of the provisions of the contract, as in said Performance Bond provided, and a Payment Bond, agreeing to pay not less than prevailing wages for the work to be performed in accordance with the contract and the laws of the State of Illinois and agreeing to pay all sums of money due for any labor, materials, apparatus, fixtures or machinery and transportation with respect thereto, as in said Payment Bond provided, each dated the same date as this Agreement, in the forms prescribed by the AUTHORITY, and each in an amount equal to the contract price with a corporate surety or sureties acceptable to the AUTHORITY authorized to do business in the State of Illinois.

The CONTRACTOR agrees that said Bonds shall be maintained in full force and effect until final acceptance of the work by the AUTHORITY and thereafter, as provided in Article 103.05 of the Tollway Supplemental Specifications. The CONTRACTOR agrees and will cause the surety to agree to be bound by each and every provision of all of the contract documents.

If any surety upon any bond furnished in connection with this contract becomes unacceptable to the AUTHORITY, or if any such surety fails to furnish reports as to its financial condition from time to time as requested by the AUTHORITY, the CONTRACTOR shall promptly furnish such additional security as may be required from time to time to protect the interests of the AUTHORITY and all persons supplying labor or materials in the prosecution of the work contemplated by this contract.

In the event the surety shall make any assignment for the benefit of creditors or commit any act of bankruptcy, or if it shall be declared bankrupt, or if it shall file a voluntary petition in bankruptcy, or shall in the opinion of the AUTHORITY be insolvent, the CONTRACTOR agrees forthwith upon request of the AUTHORITY to furnish and maintain other corporate surety with respect to said Bonds satisfactory to the AUTHORITY.

DEFINITIONS

As used in this Agreement, the terms set forth shall have the meanings attributed to them in the Tollway Supplemental Specifications for THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY issued by the AUTHORITY.

TIME OF PERFORMANCE

The duration of this contract shall commence with the Executive Director's signature and shall continue until ~~November 25, 2020~~, December 21, 2020, in accordance with the contract book schedule.

CONTRACT END DATE

The contract End Date is two (2) years from the Completion Date. Based on the Completion Date stated in the contract at the time of award the End Date ~~November 25, 2022~~. December 21, 2022.

This contract maybe renewed for two (2) additional one (1) year terms or one (1) additional two (2) year term, the length of any renewal is to be determined and agreed upon by the Parties.

LIABILITY OF JOINT VENTURE

In the event the successful Bidder (CONTRACTOR) of this Contract is a joint venture, then each individual, partnership, or corporation comprising such joint venture, shall be individually, personally, severally and jointly liable and responsible, financially, legally, and in all other respects, for the full and proper performance of each and every provision and requirement of this Contract, notwithstanding any arrangement, understanding or agreement to the contrary, if any, whether disclosed to the Authority or not, entered into by and between the individual, partnership, joint venture, or corporation comprising such joint venture.

PERFORMANCE OF THE WORK

The CONTRACTOR shall perform all work under the direct supervision, and to the satisfaction of the Construction Manager . The Construction Manager shall decide all questions which arise as to the quality and acceptability of work performed, manner of performance, rate of progress of the work and interpretation of the specifications, and the Construction Manager's decision shall be final.

Any dispute between the Construction Manager and the CONTRACTOR with respect to any matter shall be decided by the Chief Engineering Officer of The Authority and his decision shall be final.

In the event that the quantity of any item of work as given in the Bid shall be greater or less than estimated, payment shall be made by the AUTHORITY on the basis of the actual quantity completed at the unit price for such item named in the Bid, subject to the provisions of the Article 104.02 of the Tollway Supplemental Specifications.

Notwithstanding anything contained in this contract, all payments to be made pursuant to this contract shall be subject to approval by the Chief Engineering Officer.

CONSIDERATION

The Authority shall pay the Contractor for the performance of the work, subject to any additions or deductions therein as provided for in the Specifications, in current funds, at the prices for the respective items of work shown in the Bid. Payments are to be made to the Contractor in accordance with and subject to the provisions of the contract documents.

ASSIGNMENT

This contract may not be assigned, transferred in whole or in part by the Vendor without prior written consent of the Illinois Tollway.

CONTRACT NO: I-18-4430

COVENANT AGAINST CONTINGENT FEES

The CONTRACTOR warrants that no person or selling agency has been employed or retained to solicit or secure this contract upon an agreement or understanding for a commission, percentage, brokerage or contingent fee, excepting bona fide employees or bona fide established commercial or selling agencies maintained by the CONTRACTOR for the purpose of securing business. For breach or violation of this warranty, the AUTHORITY shall have the right to annul this contract without liability or in its discretion to deduct from the contract price or consideration the full amount of such commission, percentage, brokerage or contingent fee.

TERMINATION / CANCELLATION FOR NON-APPROPRIATION OF FUNDS

This contract is subject to termination and cancellation in any year for which the General Assembly fails to make an appropriation (if such an appropriation is required) to make payments under the terms of the contract. Currently, the Authority is not required to obtain a yearly appropriation of its funds. However, the Authority cannot and does not make any representations or warranties concerning future appropriation requirements.

COMPTROLLER REQUIREMENTS FOR CONTRACTS

Contractor and any and all subcontractors under this contract agrees to maintain books and records related to the performance of the contract and necessary to support amounts charged to the State under the contract for a minimum of five (5) years from the last action on the contract. Contractor further agrees to cooperate fully with any audit and to make the books and records available to the Auditor General, Chief Procurement Officer, Internal Auditor, Inspector General, and the Purchasing Agency.

The State requires a fee of $15 to cover expenses related to the administration of the Minority Contractor Opportunity Initiative. Any Contractor awarded a contract under Section 20-10, 20-15, 20-25 or 20-30 of the Illinois Procurement Code (30 ILCS 500) of $1,000 or more is required to pay a fee of $15. The Comptroller shall deduct the fee from the first check issued to the Vendor under the contract and deposit the fee in the Comptroller's Administrative Fund.

FREEDOM OF INFORMATION ACT

This contract and all related public records maintained by, provided to or required to be provided to the State are subject to the Illinois Freedom of Information Act (FOIA) (50 ILCS 140) notwithstanding any provision to the contrary that may be found in this contract.

GOVERNING LAW; EXCLUSIVE JURISDICTION

This Agreement, and all the rights and duties of the parties arising from or relating in any way to the subject matter of this Agreement or the transaction(s) contemplated by it, shall be governed by, construed and enforced only in accordance with the laws of the United States and the State of Illinois (excluding any conflict of laws provisions that would refer to and apply the substantive laws of another jurisdiction). Any suit or proceeding relating to this Agreement, including arbitration proceedings, shall be brought only in DuPage County, Illinois. ***THE CONTRACTOR CONSENTS TO THE EXCLUSIVE JURISDICTION AND VENUE OF THE COURTS LOCATED IN DUPAGE COUNTY, STATE OF ILLINOIS.***

CONTRACT NO: I-18-4430
NOTICE

Notices or documents to be given or delivered shall be deemed given or delivered if delivered personally or by registered or certified mail to **F.H. Paschen, S.N. Nielsen & Associates LLC** at:

5515 N. East River Road

Chicago, IL 60656

or to the AUTHORITY at 2700 Ogden Avenue, Downers Grove, Illinois, 60515. Either party may change the place to which notices hereunder may be addressed, by written notice to the other party from time to time or at any time.

Addendum, if any, referred to on Page P-1 hereof, and attached hereto, is a part of this Agreement as if fully set forth hereon.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed on the day and year first above written.*

Agreed By:

[redacted]

April 17, 2019

President — Date

Roland Schneider, Authorized Agent & VP

Printed Name as Signed Above

ATTEST: [redacted]

(Seal)

Secretary

Kathleen Pattison, Asst. Secretary

Printed Name as Signed Above

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

APPROVED: [redacted] 5/16/19

Will Evans, Chairman/~~Kevin Artl, Acting~~ Executive Director — Date

APPROVED: [redacted] 5/14/19

Michael Colsch, Chief Financial Officer — Date

APPROVED: [redacted] 5/10/19

Kathleen Pasulka-Brown, General Counsel — Date

Approved as to Form and Constitutionality

[redacted] 5/10/19

Attorney General, State of Illinois — Date

NON-CORPORATION SIGNATURE FORM

Mike Kusbel, Roland Schneider, Mike Jasek, James V. Blair, James Habschmidt, **is hereby authorized, directed and empowered, on behalf of** F.H. Paschen, S.N. Nielsen & Associates LLC **(Name of Contractor), to execute contract number** I - 18 - 4430 **and any and all contract modifications or documentation in connection with The Illinois State Toll Highway Authority's Contract No.** I-18 - 4430.

F.H. Paschen, S.N. Nielsen & Associates LLC
Name of Contractor

By [redacted]

Roland Schneider, Authorized Agent & VP
Title

April 17, 2019
Date

Non-Corporation Signature Form (104.2) 06-18-2014

NON-CORPORATION SIGNATURE FORM

Jack Sepsey, is hereby authorized, directed and

empowered, on behalf of F.H. Paschen, SN Nielsen & Associates LLC, to execute
(Name of Contractor)

contract number I - 18 - 4430 and any and all contract modifications or

documentation in connection with The Illinois State Toll Highway Authority's

Contract No. I - 18 - 4430

F.H. Paschen, SN Nielsen & Associates LLC
Name of Contractor

By [redacted]

Vice President
Title

05.15.19
Date

NON-CORPORATION SIGNATURE FORM

Timothy Bea, is hereby authorized, directed and

empowered, on behalf of F.H. Paschen, SN Nielsen & Associates LLC, to execute
(Name of Contractor)

contract number I - 18 - 4430 and any and all contract modifications or

documentation in connection with The Illinois State Toll Highway Authority's

Contract No. I - 18 - 4430

F.H. Paschen, SN Nielsen & Associates LLC
Name of Contractor

By [redacted]

Vice President
Title

05.15.19
Date

NON-CORPORATION SIGNATURE FORM

Dan Martinez, is hereby authorized, directed and

empowered, on behalf of F.H. Paschen, SN Nielsen & Associates LLC, to execute
(Name of Contractor)

contract number I - 18 - 4430 and any and all contract modifications or

documentation in connection with The Illinois State Toll Highway Authority's

Contract No. I - 18 - 4430

F.H. Paschen, SN Nielsen & Associates LLC
Name of Contractor

By [redacted]

Vice President
Title

05.15.19
Date

Illinois Tollway

Illinois State Toll Highway Authority
State Exemption Number

The undersigned certifies that they are purchasing goods for use by, or to be included in projects of the Illinois State Toll Highway Authority. The Illinois State Toll Highway Authority is exempt from sales and use taxes in the state of Illinois for the following reason:

X Government Entity

The tax exemption number issued 1/1/15 by the Illinois Department of Revenue is:

Tax Exempt # [redacted]

Business Name F.H. Paschen, S.N. Nielsen & Associates, LLC

Address 5515 N. East River Road

City Chicago State IL Zip 60656

Contract Number I-18-4430

Estimated Contract Start Date 06/12/19

Estimated Contract End Date 12/21/20

Other:

This form is intended for use by the prime contractor on the above referenced contract number.
The prime contractor may provide a copy of this form to associated subcontractors and suppliers.

Note: Keep copy with vendor file

3/5/15 Ver 2.0

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

CONTRACT NO. I-18-4430

PERFORMANCE BOND

Bond No. 30066434/285059477/9299042

KNOW ALL PERSONS BY THESE PRESENTS, That we, F.H. Paschen, S.N. Nielsen & Associates LLC ,

(Name of Principal)

- ☐ a corporation organized and existing under the laws of the State of _____ and authorized to do business in the State of Illinois,
- ☒ a limited liability company admitted to transact business in the State of Illinois and in good standing with the State of Illinois,
- ☐ a partnership consisting of _____,
- ☐ an individual doing business as _____,
- ☐ a joint venture consisting of _____,

("X" ONE AND COMPLETE REMAINING INFORMATION)

as Principal, and Continental Casualty Company, Liberty Mutual Insurance Company and Fidelity and Deposit Company of Maryland

(Name of Surety)

a corporation organized and existing under the laws of the State of Illinois, Massachusetts and Illinois respectively with authority to do business in the State of Illinois, as Surety, are held and firmly bound unto The Illinois State Toll Highway Authority in the penal sum of One Hundred Eighty-Four Million Five Hundred Fifty-One Thousand Six Hundred Seventy-Seven Dollars and Nineteen Cents ($184,551,677.19), lawful money of the United States, well and truly to be paid unto said The Illinois State Toll Highway Authority, for the payment to which we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that whereas, Principal has entered into a written contract with The Illinois State Toll Highway Authority for the work designated as

Contract # I-18-4430, Roadway and Bridge Reconstruction, Tri-State Tollway (I-294) – Mile Long Bridge, Mile Post 20.7 to Mile post 22.3 – Station 5096+23.33 to Station 1176+62.01

(Insert Contract Number and Description)

which contract is by reference made a part hereof and is hereinafter referred to as "the Contract".

NOW, THEREFORE, if Principal promptly and faithfully performs said work in accordance with the provisions of the Contract and any authorized changes in the Contract that are subsequently made during the original term of the Contract and any extensions thereof that may be granted by the Authority, with or without notice to the Surety, and complies with all the provisions, conditions and requirements of the Contract and any authorized changes in the Contract that are subsequently made, with or without notice to the Surety, then this obligation for Surety's performance of the Contract shall be void; otherwise it shall remain in full force and effect.

Surety hereby waives notice of any changes in the Contract, including extensions of time for the performance thereof.

IN WITNESS WHEREOF, we have duly executed the foregoing obligation and affixed our seals

this 17th day of April, 2019.

Continental Casualty Company, Liberty Mutual Insurance Company and Fidelity and Deposit Company of Maryland
Surety

Address 151 N. Franklin Street

Chicago, Illinois 60606

By [redacted]
(Seal) Attorney in Fact
Adrienne C. Stevenson

Agent for
Surety Marsh USA, Inc.

Address 540 W. Madison Street, 12th Floor

Chicago, Illinois 60661

F.H. Paschen, S.N. Nielsen and Associates LLC
Principal

Address 5515 N. East River Road

Chicago, Illinois 60656

By [redacted]
(Signature) (Seal)
Roland Schneider, Authorized Agent & VP
(Name & Title)

Attes [redacted]
Corporate Secretary
Kathleen Pattison, Asst. Secretary

(Attach Surety's Power of Attorney)

(Attach Notary Certificate authenticating Signature of Attorney-In-Fact)

(Attach Notary Certificate authenticating Signature of Representative of Principal if not attested by Corporate Secretary)

STATE OF GEORGIA
COUNTY OF FULTON

I, **Karina Plis** , a Notary Public in and for said County, do hereby certify that **Adrienne C. Stevenson** as Attorney-in-Fact, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that they signed, sealed, and delivered said instrument for and on behalf of

Continental Casualty Company	An Illinois Corporation
Fidelity and Deposit Company of Maryland	An Illinois Corporation
Liberty Mutual Insurance Company	A Massachusetts Corporation

for the uses and purposed therein set forth.

Given under my hand and notarial seal at my office in the City of **Atlanta** in said County,

this 17th day of April A.D. 2019

[redacted]
Notary Public

Karina Plis
NOTARY PUBLIC
Fulton County, GEORGIA
My Comm. Expires 03/20/2020

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company (herein called "the CNA Companies"), are duly organized and existing insurance companies having their principal offices in the City of Chicago, and State of Illinois, and that they do by virtue of the signatures and seals herein affixed hereby make, constitute and appoint

Adrienne C. Stevenson , Individually

of Atlanta, Georgia , their true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on their behalf bonds, undertakings and other obligatory instruments of similar nature

– In Unlimited Amounts –

Surety Bond Number: 30066434
Principal: F.H. Paschen, S.N. Nielsen & Associates LLC
Obligee: Illinois Tollway

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of their insurance companies and all the acts of said Attorney, pursuant to the authority hereby given is hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Boards of Directors of the insurance companies.

In Witness Whereof, the CNA Companies have caused these presents to be signed by their Vice President and their corporate seals to be hereto affixed on this 3rd day of June, 2015.

Continental Casualty Company
National Fire Insurance Company of Hartford
American Casualty Company of Reading, Pennsylvania

[redacted]

Paul T. Bruflat — Vice President

State of South Dakota, County of Minnehaha, ss:

On this 3rd day of June, 2015, before me personally came Paul T. Bruflat to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company described in and which executed the above instrument; that he knows the seals of said insurance companies; that the seals affixed to the said instrument are such corporate seals; that they were so affixed pursuant to authority given by the Boards of Directors of said insurance companies and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said insurance companies.

S. EICH
NOTARY PUBLIC
SOUTH DAKOTA

My Commission Expires February 12, 2021

[redacted]

S. Eich — Notary Public

CERTIFICATE

I, D. Bult, Assistant Secretary of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of the insurance companies printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said insurance companies this 17th day of April , 2019 .

Continental Casualty Company
National Fire Insurance Company of Hartford
American Casualty Company of Reading, Pennsylvania

[redacted]

D. Bult — Assistant Secretary

Form F6853-4-2012

Authorizing By-Laws and Resolutions

ADOPTED BY THE BOARD OF DIRECTORS OF CONTINENTAL CASUALTY COMPANY:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company at a meeting held on May 12, 1995:

"RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective."

This Power of Attorney is signed by Paul T Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of Continental Casualty Company.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25th day of April, 2012:

"Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the "Authorized Officers")to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, "Electronic Signatures"); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company. "

ADOPTED BY THE BOARD OF DIRECTORS OF NATIONAL FIRE INSURANCE COMPANY OF HARTFORD:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company by unanimous written consent dated May 10, 1995:

"RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective "

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of National Fire Insurance Company of Hartford.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25th day of April, 2012:

"Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the "Authorized Officers")to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, "Electronic Signatures"); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company. "

ADOPTED BY THE BOARD OF DIRECTORS OF AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company by unanimous written consent dated May 10, 1995:

"RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective."

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of American Casualty Company of Reading, Pennsylvania.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25th day of April, 2012:

"Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the "Authorized Officers")to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, "Electronic Signatures"); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company "

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: **8200920-969189**

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, D-Ann Kleidosty; Maria Concepcion; Gary D. Eklund; Karina Plis; Sharon J. Potts; Adrienne C. Stevenson

all of the city of Atlanta state of GA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 16th day of April, 2019.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

By: [redacted]
David M. Carey, Assistant Secretary

State of PENNSYLVANIA
County of MONTGOMERY ss

On this 16th day of April, 2019 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Upper Merion Twp., Montgomery County
My Commission Expires March 26, 2021
Member, Pennsylvania Association of Notaries

By: [redacted]
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS: Section 12. Power of Attorney.
Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts: Section 5. Surety Bonds and Undertakings.
Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 17th day of April, 2019.

By: [redacted]
Renee C. Llewellyn, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

Bond # 9299042

ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Illinois, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Illinois (herein collectively called the "Companies"), by **Robert D. Murray, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint Adrienne C. Stevenson of Atlanta, Georgia, **EACH,** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings,** and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND**, this 11th day of February, A.D. 2019.

ATTEST:
ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND

[redacted]

By: Robert D. Murray
Vice President

[redacted]

By: Dawn E. Brown
Secretary

State of Maryland
County of Baltimore

On this 11th day of February, A.D. 2019, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Robert D. Murray, Vice President and Dawn E. Brown, Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

[redacted]

Constance A. Dunn, Notary Public
My Commission Expires: July 9, 2019

EXTRACT FROM BY-LAWS OF THE COMPANIES

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify of revoke any such appointment or authority at any time."

CERTIFICATE

I, the undersigned, Secretary of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 17th day of April, 2019.









By: Brian M. Hodges
Vice President

TO REPORT A CLAIM WITH REGARD TO A SURETY BOND, PLEASE SUBMIT A COMPLETE DESCRIPTION OF THE CLAIM INCLUDING THE PRINCIPAL ON THE BOND, THE BOND NUMBER, AND YOUR CONTACT INFORMATION TO:

Zurich Surety Claims
1299 Zurich Way
Schaumburg, IL 60196-1056
www.reportsfclaims@zurichna.com
800-626-4577

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

CONTRACT NO. I-18-4430

PAYMENT BOND

Bond No. 30066434/285059477/9299042

KNOW ALL PERSONS BY THESE PRESENTS, That we, F.H. Paschen, S.N. Nielsen & Associates LLC ,

(Name of Principal)

- ☐ a corporation organized and existing under the laws of the State of _____and authorized to do business in the State of Illinois,
- ☒ a limited liability company admitted to transact business in the State of Illinois and in good standing with the State of Illinois,
- ☐ a partnership consisting of _____,
- ☐ an individual doing business as _____,
- ☐ a joint venture consisting of _____,

("X" ONE AND COMPLETE REMAINING INFORMATION)

as Principal, and Continental Casualty Company, Liberty Mutual Insurance Company and Fidelity and Deposit Company of Maryland

(Name of Surety)

a corporation organized and existing under the laws of the State of Illinois, Massachusetts and Illinois respectively with authority to do business in the State of Illinois, as Surety, are held and firmly bound unto The Illinois State Toll Highway Authority in the penal sum of One Hundred Eighty-Four Million Five Hundred Fifty-One Thousand Six Hundred Seventy-Seven Dollars and Nineteen Cents ($184,551,677.19), lawful money of the United States, well and truly to be paid unto said The Illinois State Toll Highway Authority, for the payment to which we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that whereas, Principal has entered into a written contract with The Illinois State Toll Highway Authority for the work designated as

Contract # I-18-4430, Roadway and Bridge Reconstruction, Tri-State Tollway (I-294) – Mile Long Bridge, Mile Post 20.7 to Mile post 22.3 – Station 5096+23.33 to Station 1176+62.01

(Insert Contract Number and Description)

which contract is by reference made a part hereof and is hereinafter referred to as "the Contract".

NOW, THEREFORE, if Principal promptly pays not less than the prevailing wages for the work to be performed in accordance with the Contract and the laws of the State of Illinois, and promptly pays all sums of money due or to become due for any labor, materials, apparatus, fixtures or machinery, and transportation with respect thereto, furnished to said Principal for the purpose of performing said work in accordance with the provisions of the Contract and any authorized changes in the Contract that are subsequently made during the original term of the Contract and any extensions thereof that may be granted by the Authority, with or without notice to the Surety, then this obligation shall be void; otherwise it shall remain in full force and effect.

Surety hereby waives notice of any changes in the Contract, including extensions of time for the performance thereof.

IN WITNESS WHEREOF, we have duly executed the foregoing obligation and affixed our seals this 17th day of April, 2019.

Continental Casualty Company, Liberty Mutual Insurance Company and Fidelity and Deposit Company of Maryland
Surety

Address 151 N. Franklin Street

Chicago, Illinois 60606

By [redacted]
(Seal) Attorney in Fact
Adrienne C. Stevenson

Agent for
Surety Marsh USA, Inc.

Address 540 W. Madison Street, 12th Floor

Chicago, Illinois 60661

F.H. Paschen, S.N. Nielsen and Associates LLC
Principal

Address 5515 N. East River Road

Chicago, Illinois 60656

By [redacted]
(Signature) (Seal)
Roland Schneider, Authorized Agent & VP
(Name & Title)

Attes [redacted]
Corporate Secretary
Kathleen Pattison, Asst. Secretary

(Attach Surety's Power of Attorney)

(Attach Notary Certificate authenticating Signature of Attorney-In-Fact)

(Attach Notary Certificate authenticating Signature of Representative of Principal if not attested by Corporate Secretary)

STATE OF GEORGIA
COUNTY OF FULTON

I, **Karina Plis**, a Notary Public in and for said County, do hereby certify that **Adrienne C. Stevenson** as Attorney-in-Fact, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that they signed, sealed, and delivered said instrument for and on behalf of

Continental Casualty Company	An Illinois Corporation
Fidelity and Deposit Company of Maryland	An Illinois Corporation
Liberty Mutual Insurance Company	A Massachusetts Corporation

for the uses and purposed therein set forth.

Given under my hand and notarial seal at my office in the City of **Atlanta** in said County,

this 17th day of April A.D. 2019

[redacted]
Notary Public

Karina Plis
NOTARY PUBLIC
Fulton County, GEORGIA
My Comm. Expires 03/20/2020

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company (herein called "the CNA Companies"), are duly organized and existing insurance companies having their principal offices in the City of Chicago, and State of Illinois, and that they do by virtue of the signatures and seals herein affixed hereby make, constitute and appoint

Adrienne C. Stevenson , Individually

of Atlanta, Georgia , their true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on their behalf bonds, undertakings and other obligatory instruments of similar nature

– In Unlimited Amounts –

Surety Bond Number: 30066434
Principal: F.H. Paschen, S.N. Nielsen & Associates LLC
Obligee: Illinois Tollway

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of their insurance companies and all the acts of said Attorney, pursuant to the authority hereby given is hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Boards of Directors of the insurance companies.

In Witness Whereof, the CNA Companies have caused these presents to be signed by their Vice President and their corporate seals to be hereto affixed on this 3rd day of June, 2015.

Continental Casualty Company
National Fire Insurance Company of Hartford
American Casualty Company of Reading, Pennsylvania

[redacted]

Paul T. Bruflat Vice President

State of South Dakota, County of Minnehaha, ss:

On this 3rd day of June, 2015, before me personally came Paul T. Bruflat to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company described in and which executed the above instrument; that he knows the seals of said insurance companies; that the seals affixed to the said instrument are such corporate seals; that they were so affixed pursuant to authority given by the Boards of Directors of said insurance companies and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said insurance companies.

S. EICH
NOTARY PUBLIC
SOUTH DAKOTA

My Commission Expires February 12, 2021

[redacted]

S. Eich Notary Public

CERTIFICATE

I, D. Bult, Assistant Secretary of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of the insurance companies printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said insurance companies this 17th day of April , 2019 .

Continental Casualty Company
National Fire Insurance Company of Hartford
American Casualty Company of Reading, Pennsylvania

[redacted]

D. Bult Assistant Secretary

Form F6853-4-2012

Authorizing By-Laws and Resolutions

ADOPTED BY THE BOARD OF DIRECTORS OF CONTINENTAL CASUALTY COMPANY:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company at a meeting held on May 12, 1995:

"RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective."

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of Continental Casualty Company.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25th day of April, 2012:

"Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the "Authorized Officers")to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, "Electronic Signatures"); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company. "

ADOPTED BY THE BOARD OF DIRECTORS OF NATIONAL FIRE INSURANCE COMPANY OF HARTFORD:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company by unanimous written consent dated May 10, 1995:

"RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective "

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of National Fire Insurance Company of Hartford.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25th day of April, 2012:

"Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the "Authorized Officers")to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, "Electronic Signatures"); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company. "

ADOPTED BY THE BOARD OF DIRECTORS OF AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company by unanimous written consent dated May 10, 1995:

"RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective."

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of American Casualty Company of Reading, Pennsylvania.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25th day of April, 2012:

"Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the "Authorized Officers")to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, "Electronic Signatures"); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company. "

Liberty Mutual. SURETY

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: **8200920-969189**

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, D-Ann Kleidosty; Maria Concepcion; Gary D. Eklund; Karina Plis; Sharon J. Potts; Adrienne C. Stevenson

all of the city of Atlanta state of GA each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 16th day of April, 2019.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

By: [redacted]
David M. Carey, Assistant Secretary

State of PENNSYLVANIA
County of MONTGOMERY ss

On this 16th day of April, 2019 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Upper Merion Twp., Montgomery County
My Commission Expires March 28, 2021
Member, Pennsylvania Association of Notaries

By: [redacted]
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS: Section 12. Power of Attorney.
Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts: Section 5. Surety Bonds and Undertakings.
Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 17th day of April, 2019.

By: [redacted]
Renee C. Llewellyn, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

Bond # 9299042

ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Illinois, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Illinois (herein collectively called the "Companies"), by **Robert D. Murray, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint Adrienne C. Stevenson **of** Atlanta, Georgia, **EACH,** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings,** and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND**, this 11th day of February, A.D. 2019.

ATTEST:
ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND

[redacted]

By: Robert D. Murray
Vice President

[redacted]

By: Dawn E. Brown
Secretary

State of Maryland
County of Baltimore

On this 11th day of February, A.D. 2019, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Robert D. Murray, Vice President and Dawn E. Brown, Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

[redacted]

Constance A. Dunn, Notary Public
My Commission Expires: July 9, 2019

EXTRACT FROM BY-LAWS OF THE COMPANIES

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify of revoke any such appointment or authority at any time."

CERTIFICATE

I, the undersigned, Secretary of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 17th day of April, 2019.



[redacted]

By: Brian M. Hodges
Vice President

TO REPORT A CLAIM WITH REGARD TO A SURETY BOND, PLEASE SUBMIT A COMPLETE DESCRIPTION OF THE CLAIM INCLUDING THE PRINCIPAL ON THE BOND, THE BOND NUMBER, AND YOUR CONTACT INFORMATION TO:

Zurich Surety Claims
1299 Zurich Way
Schaumburg, IL 60196-1056
www.reportsfclaims@zurichna.com
800-626-4577

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 04/19/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:	
MARSH USA INC. 540 W. MADISON CHICAGO, IL 60661 Attn: chicago.CertRequest@marsh.com	PHONE (A/C, No, Ext):	FAX (A/C, No):
	E-MAIL ADDRESS:	

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Zurich American Insurance Company	16535
INSURER B : American Zurich Insurance Company	40142
INSURER C : American Guarantee and Liability Insurance Company	26247
INSURER D : Indian Harbor Insurance Company	36940
INSURER E :	
INSURER F :	

INSURED
F.H. Paschen
S.N. Nielsen & Associates, LLC
Attn: Nick Bilski
5515 N. East River Road
Chicago, IL 60656

COVERAGES **CERTIFICATE NUMBER:** CHI-009262925-01 **REVISION NUMBER:** 8

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS		
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE / X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: X POLICY / X PRO-JECT / LOC OTHER:			GLO 5833476-06	10/01/2018	10/01/2019	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ $ $ $ $ $	1,000,000 300,000 10,000 1,000,000 2,000,000 2,000,000
A	AUTOMOBILE LIABILITY X ANY AUTO OWNED AUTOS ONLY / SCHEDULED AUTOS X HIRED AUTOS ONLY / X NON-OWNED AUTOS ONLY			BAP5833474-06	10/01/2018	10/01/2019	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ $ $ $	1,000,000
C	UMBRELLA LIAB / X OCCUR X EXCESS LIAB / CLAIMS-MADE DED / RETENTION $			SXS 0222911-02	10/01/2018	10/01/2019	EACH OCCURRENCE AGGREGATE	$ $	1,000,000 2,000,000
B B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N: N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		WC 5833475-06 (AOS) WC 5833477-06 (WI)	10/01/2018 10/01/2018	10/01/2019 10/01/2019	X PER STATUTE / OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ $ $	1,000,000 1,000,000 1,000,000
D	Professional / Pollution Liability			CEO7420104-05 SIR: $250,000	10/01/2018	10/01/2019	Each Act Aggregate		10,000,000 10,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Re: Job I-18-4430 Roadway and Bridge Reconstruction Tollroad #- Tri-State Tollway (I-294) - Mile Long Bridge Specifics Route / Mileposts Mile Post 20.7 to Mile Post 22.3 - Sta 5096+23.33 to Sta 1176+62.01
This insurance is primary and non-contributory over any existing insurance and limited to liability arising out of the operations of the named insured and where required by written contract. Waiver of subrogation is applicable where required by written contract.

CERTIFICATE HOLDER

The Illinois State
Toll Highway Authority
2700 Ogden Ave.
Downers Grove, IL 60515

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE of Marsh USA Inc.
Manashi Mukherjee [redacted]

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AGENCY CUSTOMER ID: CN103180262

LOC #: Chicago

ADDITIONAL REMARKS SCHEDULE

AGENCY	NAMED INSURED
MARSH USA INC.	F.H. Paschen S.N. Nielsen & Associates, LLC Attn: Nick Bilski 5515 N. East River Road Chicago, IL 60656
POLICY NUMBER	EFFECTIVE DATE:
CARRIER / NAIC CODE	

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance

Umbrella Liability
Insurer: XL Specialty Insurance Company
Policy Number: US00076565LI18A
Policy Period: 10/01/2018 - 10/01/2019
Each Occurrence: $25,000,000
Aggregate: $25,000,000
SIR: $10,000

First Layer Excess Liability
Insurer: Endurance American Insurance Company
Policy Number: EXC10004227005
Policy Period: 10/01/2018 - 10/01/2019
Each Occurrence: $25,000,000
Aggregate: $25,000,000

The Illinois State Toll Highway Authority together with its officials, directors and employees; The Consulting Engineer, the Program Management Office (PMO), Project Manager, General Engineering Consultant(GEC) Design Section Engineer, Design Corridor Manager, Construction Manager and all subconsultants, and Corridor Construction Manager; and The Illinois Department of Transportation, and their officers, agents and employees; Illinois Central Railroad Company and its Parents, The Commuter Rail Division of the Regional Transportation Authority, a division of an Illinois Municipal Corporation, and its affiliated separate public corporation known as the Northeast Illinois Regional Commuter Railroad Corporation, both operating under the service mark "METRA" as now exists or may hereafter be constituted or acquired, and the Regional Transportation Authority, an Illinois municipal Corporation and the National Railroad Passenger Corporation (Amtrak); Burlington Northern Santa Fe Railway Co.(BNSF) Village of Hodgkins, Village of Burr Ridge, City of Countryside, Metropolitan Water Reclamation District of Greater Chicago(MWRDGC); West Suburban Water Commission (WSWC); Forest Preserve District of Cook County; United Parcel Service; Arr Corporation, Midwest Cargo Systems, Inc.; LHQ(H.W. Lochner, HDR Engineering, and Quigg Engineering) and all subconsultants, Epstein, AECOM Technical Services, Inc.; and all subconsultants; HNTB Corporation; WSP, Inc. Bowman, Omega and Associates, Inc.; are included as additional insured on general liability, auto liability and pollution liability where required by written contract.

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POLICY NUMBER: GLO 5833476-06 POLICY EFFECTIVE: 10/01/2018

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):	Location(s) Of Covered Operations
ANY PERSON OR ORGANIZATION OTHER THAN AN ENGINEER, ARCHITECT OR SURVEYOR TO WHO OR TO WHICH YOU ARE REQUIRED TO PROVIDE ADDITIONAL INSURED STATUS IN A WRITTEN CONTRACT OR WRITTEN AGREEMENT EXECUTED PRIOR TO THE LOSS, EXCEPT WHERE SUCH CONTRACT OR AGREEMENT IS PROHIBITED BY LAW.	ANY LOCATION OR PROJECT WHERE YOU HAVE AGREED, THROUGH WRITTEN CONTRACT, AGREEMENT OR PERMIT, EXECUTED PRIOR TO THE LOSS, TO PROVIDE ADDITIONAL INSURED COVERAGE EXCEPT WHERE SUCH CONTRACT OR AGREEMENT IS PROHIBITED BY LAW.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. **Section II – Who Is An Insured** is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

POLICY NUMBER: GL 5833476-06 EFFECTIVE DATE: 10/01/2018

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):	Location And Description Of Completed Operations
ANY PERSON OR ORGANIZATION OTHER THAN AN ENGINEER, ARCHITECT OR SURVEYOR TO WHO OR TO WHICH YOU ARE REQUIRED TO PROVIDE ADDITIONAL INSURED STATUS IN A WRITTEN CONTRACT OR WRITTEN AGREEMENT EXECUTED PRIOR TO THE LOSS, EXCEPT WHERE SUCH CONTRACT OR AGREEMENT IS PROHIBITED BY LAW.	ANY LOCATION OR PROJECT WHERE YOU HAVE AGREED, THROUGH WRITTEN CONTRACT, AGREEMENT OR PERMIT, EXECUTED PRIOR TO THE LOSS, TO PROVIDE ADDITIONAL INSURED COVERAGE EXCEPT WHERE SUCH CONTRACT OR AGREEMENT IS PROHIBITED BY LAW.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

POLICY NUMBER: GLO 5833476-06

COMMERCIAL GENERAL LIABILITY
CG 20 32 04 13

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – ENGINEERS, ARCHITECTS OR SURVEYORS NOT ENGAGED BY THE NAMED INSURED

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Engineers, Architects Or Surveyors Not Engaged By The Named Insured:
ANY ENGINEERS, ARCHITECTS OR SURVEYORS WHILE NOT ENGAGED BY YOU, TO WHOM OR TO WHICH YOU ARE REQUIRED TO PROVIDE ADDITIONAL INSURED STATUS IN A WRITTEN CONTRACT OR WRITTEN AGREEMENT EXECUTED PRIOR TO THE LOSS EXCEPT WHERE SUCH CONTRACT OR AGREEMENT IS PROHIBITED BY LAW.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

A. **Section II – Who Is An Insured** is amended to include as an additional insured the architects, engineers or surveyors shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations performed by you or on your behalf.

Such architects, engineers or surveyors, while not engaged by you, are contractually required to be added as an additional insured to your policy.

However, the insurance afforded to such additional insured:

1. Only applies to the extent permitted by law; and
2. Will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusion applies:

This insurance does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering of or the failure to render any professional services, including:

1. The preparing, approving, or failing to prepare or approve, maps, drawings, opinions, reports, surveys, change orders, designs or specifications; or
2. Supervisory, inspection or engineering services.

This exclusion applies even if the claims against any insured allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by that insured, if the "occurrence" which caused the "bodily injury" or "property damage", or the offense which caused the "personal and advertising injury", involved the rendering of or the failure to render any professional services.

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C. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

The most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – DESIGNATED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):
ORGANIZATION: Illinois Central Railroad Company and its Parents, The Commuter Rail Division of the Regional Transportation Authority, a division of an Illinois Municipal Corporation, and its affiliated separate public corporation known as the Northeast Illinois Regional Commuter Railroad Corporation, both operating under the service mark "METRA" as now exists or may hereafter be constituted or acquired, and the Regional Transportation Authority, an Illinois municipal Corporation and the National Railroad Passenger Corporation (Amtrak); Burlington Northern Santa Fe Railway Co.(BNSF) Village of Hodgkins, Village of Burr Ridge, City of Countryside, Metropolitan Water Reclamation District of Greater Chicago (MWRDGC); West Suburban Water Commission (WSWC); Forest Preserve District of Cook County; United Parcel Service; Arr Corporation, Midwest Cargo Systems, Inc.; Illinois Department of Transportation PROJECT: ISTHA I-18-4430 Roadway and Bridge Reconstruction Tollroad (I-294) Mile Long Bridge
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

A. **Section II – Who Is An Insured** is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:

1. In the performance of your ongoing operations; or
2. In connection with your premises owned by or rented to you.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED INSURED FOR COVERED AUTOS LIABILITY COVERAGE

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by this endorsement.

This endorsement identifies person(s) or organization(s) who are "insureds" for Covered Autos Liability Coverage under the Who Is An Insured provision of the Coverage Form. This endorsement does not alter coverage provided in the Coverage Form.

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

Named Insured: F.H. Paschen, S.N Nielsen & Associates LLC

Endorsement Effective Date: 10/01/2018

SCHEDULE

Name Of Person(s) Or Organization(s):
ANY PERSON OR ORGANIZATION TO WHOM OR WHICH YOU ARE REQUIRED TO PROVIDE ADDITIONAL INSURED STATUS OR ADDITIONAL INSURED STATUS ON A PRIMARY, NON-CONTRIBUTORY BASIS, IN A WRITTEN CONTRACT OR WRITTEN AGREEMENT EXECUTED PRIOR TO LOSS, EXCEPT WHERE SUCH CONTRACT OR AGREEMENT IS PROHIBITED BY LAW.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

Each person or organization shown in the Schedule is an "insured" for Covered Autos Liability Coverage, but only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Paragraph **A.1.** of Section **II** – Covered Autos Liability Coverage in the Business Auto and Motor Carrier Coverage Forms and Paragraph **D.2.** of Section **I** – Covered Autos Coverages of the Auto Dealers Coverage Form.

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4. Under Section 1: What We Cover: D. Pollution Loss Coverage only, when the **Named Insured** is required by contract, agreement, or permit to include any person or entity as an additional insured, such coverage shall be provided on a primary and non-contributory basis.

Severability **M.** Except with respect to the Limits of Liability and the Self-Insured Retention Amount, and any rights or duties specifically assigned in this policy to you, this insurance applies: (a) as if each **Named Insured** were the only **Named Insured**; and (b) separately to each **Insured** against or by whom a **Claim** is made.

Misrepresentation, concealment, breach of condition or violation of any duty under this policy by one **Insured** shall not prejudice the interest or coverage of another **Insured** under this policy.

Sole Agent **N.** You will act on behalf of all **Insured(s)** for the payment or return of premium, receipt and acceptance of any endorsement issued to form a part of this policy, giving and receiving notice of cancellation or non-renewal and the exercise of the rights provided in Section 6: Extended Reporting Period, B. Optional Extended Reporting Period.

Subrogation **O.** In the event of any payment under this policy, we will be subrogated to all of the **Insured's** rights of recovery against any person or organization and the **Insured** will execute and deliver instruments and papers and do whatever else is necessary to secure such rights. The **Insured** will do nothing at any time to prejudice our subrogation rights.

However, we waive our right(s) of recovery against any person or organization included in the definition of an **Insured** or against the **Insured's Clients**, if prior to a **Professional Liability Claim**, a waiver of subrogation was so required and accepted under a specific contractual undertaking by the **Insured**.

Under Section 1: What We Cover: D. Pollution Loss Coverage, we waive our right(s) of recovery against any person or organization included in the definition of an **Insured** or against the **Insured's Clients** if prior to the **Pollution Claim**, a waiver of subrogation was required and accepted under a specific contractual undertaking by the **Insured**.

Territory **P.** Coverage granted under this policy will apply anywhere in the world, to the extent permitted by law.

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Waiver Of Subrogation (Blanket) Endorsement

Policy No.	Eff. Date of Pol.	Exp. Date of Pol.	Eff. Date of End.	Producer	Add'l. Prem	Return Prem.
GLO 5833476-06	10/01/2018	10/01/2019	10/01/2018	MARSH	$ N/A	$ N/A

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

This endorsement modifies insurance provided under the:

Commercial General Liability Coverage Part

The following is added to the **Transfer Of Rights Of Recovery Against Others To Us Condition:**

If you are required by a written contract or agreement, which is executed before a loss, to waive your rights of recovery from others, we agree to waive our rights of recovery. This waiver of rights shall not be construed to be a waiver with respect to any other operations in which the insured has no contractual interest.

agent, servant or employee of the "insured" to notify us of any "accident", claim, "suit" or "loss" shall not invalidate the insurance afforded by this policy.

Include, as soon as practicable:

(1) How, when and where the "accident" or "loss" occurred and if a claim is made or "suit" is brought, written notice of the claim or "suit" including, but not limited to, the date and details of such claim or "suit";

(2) The "insured's" name and address; and

(3) To the extent possible, the names and addresses of any injured persons and witnesses.

If you report an "accident", claim, "suit" or "loss" to another insurer when you should have reported to us, your failure to report to us will not be seen as a violation of these amended duties provided you give us notice as soon as practicable after the fact of the delay becomes known to you.

P. Waiver of Transfer Of Rights Of Recovery Against Others To Us

The following is added to the **Transfer Of Rights Of Recovery Against Others To Us** Condition:

This Condition does not apply to the extent required of you by a written contract, executed prior to any "accident" or "loss", provided that the "accident" or "loss" arises out of operations contemplated by such contract. This waiver only applies to the person or organization designated in the contract.

Q. Employee Hired Autos – Physical Damage

Paragraph **b.** of the **Other Insurance** Condition in the Business Auto Coverage Form and Paragraph **f.** of the **Other Insurance – Primary and Excess Insurance Provisions** Condition in the Motor Carrier Coverage Form are replaced by the following:

For Hired Auto Physical Damage Coverage, the following are deemed to be covered "autos" you own:

(1) Any covered "auto" you lease, hire, rent or borrow; and

(2) Any covered "auto" hired or rented under a written contract or written agreement entered into by an "employee" or elected or appointed official with your permission while being operated within the course and scope of that "employee's" employment by you or that elected or appointed official's duties as respect their obligations to you.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

R. Unintentional Failure to Disclose Hazards

The following is added to the **Concealment, Misrepresentation Or Fraud** Condition:

However, we will not deny coverage under this Coverage Form if you unintentionally:

(1) Fail to disclose any hazards existing at the inception date of this Coverage Form; or

(2) Make an error, omission, improper description of "autos" or other misstatement of information.

You must notify us as soon as possible after the discovery of any hazards or any other information that was not provided to us prior to the acceptance of this policy.

S. Hired Auto – World Wide Coverage

Paragraph **7a.(5)** of the **Policy Period, Coverage Territory** Condition is replaced by the following:

(5) Anywhere in the world if a covered "auto" is leased, hired, rented or borrowed for a period of 60 days or less,

T. Bodily Injury Redefined

The definition of "bodily injury" in the **Definitions** Section is replaced by the following:

"Bodily injury" means bodily injury, sickness or disease, sustained by a person including death or mental anguish, resulting from any of these at any time. Mental anguish means any type of mental or emotional illness or disease.

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WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

ALL PERSONS AND/OR ORGANIZATIONS THAT ARE REQUIRED BY WRITTEN CONTRACT OR AGREEMENT WITH THE INSURED, EXECUTED PRIOR TO THE ACCIDENT OF LOSS, THAT WAIVER OF SUBROGATION BE PROVIDED UNDER THIS POLICY FOR WORK PERFORMED BY YOU FOR THAT PERSON AND/OR ORGANIZATION.

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective 10/01/2018 Policy No. WC 5833475-06 Endorsement No.

Insured F.H. Paschen, S.N Nielsen Premium $

Insurance Company Countersigned By _____

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Other Insurance Amendment – Primary And Non-Contributory

ZURICH

Policy No.	Eff. Date of Pol.	Exp. Date of Pol.	Eff. Date of End.	Producer No.	Add'l. Prem	Return Prem.
GLO5833476-06	10/01/2018	10/01/2019	10/01/2018		N/A	N/A

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

Named Insured: F.H. Paschen, S.N Nielsen & Associates, LLC

Address (including ZIP Code): 5515 N. East River Road
Chicago, IL 60656

This endorsement modifies insurance provided under the:

Commercial General Liability Coverage Part

1. The following paragraph is added to the Other Insurance Condition of Section **IV – Commercial General Liability Conditions**:

   This insurance is primary insurance to and will not seek contribution from any other insurance available to an additional insured under this policy provided that:

   a. The additional insured is a Named Insured under such other insurance; and

   b. You are required by a written contract or written agreement that this insurance would be primary and would not seek contribution from any any other insurance available to the additional insured.

2. The following paragraph is added to Paragraph **4.b.** of the Other Insurance Condition of Section **IV – Commercial General Liability Conditions**:

   This insurance is excess over:

   Any of the other insurance, whether primary, excess, contingent or on any other basis, available to an additional insured, in which the additional insured on our policy is also covered as an additional insured on another policy providing coverage for the same "occurrence", offense, claim or "suit". This provision does not apply to any policy in which the additional insured is a Named Insured on such other policy and where our policy is required by written contract or written agreement to provide coverage to the additional insured on a primary and non-contributory basis.

All other terms and conditions of this policy remain unchanged.

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CANCELLATION BY US

This endorsement changes the policy. Please read it carefully.

This endorsement modifies insurance provided by the following:

BOILER AND MACHINERY COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
COMMERCIAL CRIME COVERAGE FORM
COMMERCIAL GENERAL LIABILITY COVERAGE FORM
COMMERCIAL INLAND MARINE COVERAGE FORM
COMMERCIAL PROPERTY COVERAGE FORM
FARM COVERAGE FORM
GARAGE COVERAGE FORM
LIQUOR LIABILITY COVERAGE FORM
MOTOR CARRIER COVERAGE FORM
POLLUTION LIABILITY COVERAGE FORM
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE FORM
TRUCKERS COVERAGE FORM

SCHEDULE

Number of Days' Notice: 90

(If no entry appears above, information required to complete this Schedule will be shown in the Declarations as applicable to this endorsement.)

For any statutorily permitted reason other than nonpayment of premium, the number of days required for notice of cancellation, as provided in paragraph 2, of either the CANCELLATION Common Policy Condition or as amended by an applicable state cancellation endorsement, is increased to the number of days shown in the Schedule above.

ZURICH

Modification of Time for Notice of Cancellation or Nonrenewal

This endorsement modifies the cancellation or nonrenewal provisions of the policy and any other endorsement to the policy stating the number of days notice to be provided by us in the event of cancellation or nonrenewal.

To the extent that the policy or other endorsement requires that we provide notice in the event of cancellation or nonrenewal, written notice will be given the insured no less than 90 days prior to the effective date of the cancellation or nonrenewal.

Nothing in this endorsement modifies the number of days notice to be provided in the event of nonpayment of premium.

Any of these provisions that conflict with a law that controls cancellation of the insurance in this policy is changed by this statement to comply with the law.

EVIDENCE OF PROPERTY INSURANCE

DATE (MM/DD/YYYY): 04/23/2019

THIS EVIDENCE OF PROPERTY INSURANCE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE ADDITIONAL INTEREST NAMED BELOW. THIS EVIDENCE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS EVIDENCE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE ADDITIONAL INTEREST.

AGENCY
MARSH USA INC.
540 W. MADISON
CHICAGO, IL 60661
Attn: Chicago.CertRequest@marsh.com

PHONE (A/C, No, Ext):

COMPANY
Zurich American Insurance Company

FAX (A/C, No):

E-MAIL ADDRESS:

CODE:

SUB CODE:

AGENCY CUSTOMER ID #:

INSURED
F.H. Paschen
S.N. Nielsen & Associates, LLC
Attn: Nick Bilski
5515 N. East River Road
Chicago, IL 60656

LOAN NUMBER

POLICY NUMBER
MBR 9327011-06

EFFECTIVE DATE	EXPIRATION DATE	CONTINUED UNTIL TERMINATED IF CHECKED
10/01/2018	10/01/2019	☐

THIS REPLACES PRIOR EVIDENCE DATED:

PROPERTY INFORMATION

LOCATION/DESCRIPTION
RE: Job: TRI-STATE TOLLWAY (I-294) MILE LONG BRIDGE - Contract I-18-4430
Reconstruction of existing roadway and bridge structure carrying Interstate 294 over LaGrange Road.

Project Duration effective 5/14/19 to 11/25/20

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS EVIDENCE OF PROPERTY INSURANCE MAY BE ISSUED OR MAY PERTAIN. THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

COVERAGE INFORMATION

PERILS INSURED ☐ BASIC ☐ BROAD ☐ SPECIAL ☐

COVERAGE / PERILS / FORMS	AMOUNT OF INSURANCE	DEDUCTIBLE
Builder's Risk Total Policy Limit	189,551,677	
Physical Damage	184,551,677	
Delay in Completion	Not Covered	
Off-Site Storage	5,000,000	
Transit	5,000,000	
Flood, Water Damage, Earthquake, Named Storm	INCLUDED	
Coverage includes $1,000,000 in limited damage to existing coverage when required by written contract.		
Other deductibles may apply per policy terms and conditions.		

REMARKS (Including Special Conditions)

Waiver of subrogation is applicable where required by written contract. The Illinois Tollway, the Contractor, and any sub-contractor of any tier to the extent of their insurable interest in the work and pre-existing structure(s) are included as a named insured where required by written contract. The Illinois State Toll Highway Authority, The Contractor, and any sub-contractor of any tier to the extent of their insurable interest in the work and pre-existing structure(s) is/are loss payee, as required by written contract.

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

ADDITIONAL INTEREST

CHI-009263790-01

NAME AND ADDRESS
The Illinois State Toll Highway Authority
2700 Ogden Ave.
Downers Grove, IL 60515

X	ADDITIONAL INSURED		LENDER'S LOSS PAYABLE	X	LOSS PAYEE
	MORTGAGEE	X	Waiver		

LOAN #

AUTHORIZED REPRESENTATIVE of Marsh USA Inc.
Manashi Mukherjee [redacted]

ACORD 27 (2016/03)

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AGENCY CUSTOMER ID: CN103180262

LOC #: Chicago

ADDITIONAL REMARKS SCHEDULE

AGENCY	NAMED INSURED
MARSH USA INC.	F.H. Paschen S.N. Nielsen & Associates, LLC Attn: Nick Bilski 5515 N. East River Road Chicago, IL 60656
POLICY NUMBER	EFFECTIVE DATE:
CARRIER / NAIC CODE	

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: 27 FORM TITLE: Evidence of Property Insurance

The property policies evidenced above contain various sublimits and are subject to insured's deductibles and specific to various perils covered. If you would like additional information regarding these sublimits or deductibles, please contact the insured.

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Will Hamilton
Senior Account Executive
Marsh USA Inc.
540 West Madison
Chicago, IL 60661
+1 312 627 6850
Willie.Hamilton@Marsh.com
www.marsh.com

April 24, 2019

Paula J. Blonski
Insurance Risk Manager
The Illinois State Toll Highway Authority
2700 Ogden Ave.
Downers Grove, IL 60515

Subject: Contract **I-18-4430 Roadway and Bridge Reconstruction Tollroad #- Tri-State Tollway (I-294) - Mile Long Bridge Specifics Route / Mileposts Mile Post 20.7 to Mile Post 22.3 - Sta 5096+23.33 to Sta 1176+62.01**

Dear Ms. Blonski;

This letter certifies that all provisions of the accepted certificates of Insurance and policy binder can be obtained and all endorsements Indicated have been requested from the insurance carrier.

Marsh USA is the insurance broker for F.H Paschen, S.N Nielsen & Associates, LLC and is authorized by the insurers to issue certificates of insurance on their behalf. We are not an agent of any insurer. We are, however, authorized to issue such certificates.

Please do not hesitate to contact me with any questions or concerns.

Sincerely,

[redacted]

Will Hamilton
Senior Account Executive