

## RESOLUTION NO. 21711

**Background**

The Illinois State Toll Highway Authority (the "Tollway") advertised for sealed bids on Contract I-18-4392 for Illinois Route 23 Interchange Construction, on the Jane Addams Memorial Tollway (I-90). The lowest responsible bidder on Contract No. I-18-4392 is Curran Contracting Company in the amount of \$20,122,221.99.

**Resolution**

Contract No. I-18-4392 is awarded to Curran Contracting Company in the amount of \$20,122,221.99, 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 Executive Director is authorized to execute the aforementioned Contract, subject to the approval of the Acting 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 Executive Director is authorized to approve an award to the next lowest responsible bidder, in accordance with the applicable contract award requirements.

Approved by: \_\_\_\_\_

  
Chairman

RETURN WITH BID

ORIGINAL

CONTRACT I-18-4392

IMPORTANT  
BID ADDENDUM  
ENCLOSED

INTERCHANGE CONSTRUCTION

JANE ADDAMS MEMORIAL TOLLWAY (I-90)  
AT  
ILLINOIS ROUTE 23 (IL 23)



Illinois Tollway  
2700 Ogden Avenue Downers Grove, IL 60515

VOLUME I

REQUIRED DOCUMENTS



**ADDENDUM NO. 1  
TO  
CONTRACT REQUIREMENTS  
FOR CONTRACT I-18-4392  
ILLINOIS STATE TOLL HIGHWAY AUTHORITY**

**Date: November 21, 2018**

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, **November 30, 2018**.

**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-9R, P-11R through P-13R and P-17R through P-19R 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: TOC-1R through TOC-5R, J-5R, J-13R, J-55R through J-56R.
3. The following new Special Provision pages are included with this Addendum: J-56A, J-85A Through J-85L, J-124A, and BDE-5A.
4. The following revised Contract Drawings are included with this Addendum:  
Volume 1 – Drawings 3, 6, 7, 64, 87, 91, 94, 98, 99, 107 through 111, and 144 through 145.  
Volume 2 – Drawings 205, and 306.  
Volume 3 – Drawings 418 through 420.
5. Revised Contract Drawings 10, 12 and 13 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.
6. The minutes and sign-in sheet from the Optional Pre-Bid Meeting held on November 15 are included in this Addendum. Attached to the meeting minutes are the soil sampling results provided for soil management planning.
7. Responses to Request for Information received from the Plan Holders are included in this Addendum.

## CHANGES TO THE CONTRACT REQUIREMENTS

### CHANGES TO THE SCHEDULE OF PRICES

#### SUMMARY OF REVISIONS TO PAY ITEMS QUANTITIES

SP. PROV *	PAY ITEM NO.	DESCRIPTION	UNIT	ORIGINAL QUANTITY	CHANGE	NEW QUANTITY
	70600305	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, RESETTABLE), TEST LEVEL 3	EACH	0	10	10
	70600330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	0	10	10
*	JI406900	CONSTRUCTING WARM-MIX ASPHALT TEST STRIP	EACH	0	2	2
*	JI642014	ASPHALT SHOULDER RUMBLE STRIP, 16 INCH	FOOT	0	1,355	1,355
*	JI706282	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3, TO REMAIN IN PLACE	EACH	0	2	2

\* Denotes Special Provision

#### Change # 1

Contract Requirements, Volume I, Replace Page P-9 with Page P-9R (attached).

This replacement contains the following revisions:

- 1.1 Added pay item IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, RESETTABLE), TEST LEVEL 3 as listed in the above table.
- 1.2 Added pay item IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3 as listed in the above table.

#### Change # 2

Contract Requirements, Volume I, Replace Page P-11 with Page P-11R (attached).

This replacement contains the following revisions:

- 2.1 Added pay item CONSTRUCTING WARM-MIX ASPHALT TEST STRIP as listed in the above table.

#### Change # 3

Contract Requirements, Volume I, Replace Page P-12 with Page P-12R (attached).

This replacement contains the following revisions:

- 3.1 Added pay item ASPHALT SHOULDER RUMBLE STRIP as listed in the above table.

#### Change # 4

Contract Requirements, Volume I, Replace Page P-13 with Page P-13R (attached).

This replacement contains the following revisions:

- 4.1 Added pay item IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3, TO REMAIN IN PLACE as listed in the above table.

#### Change # 5

Contract Requirements, Volume I, Replace Page P-17 with Page P-17R (attached).

This replacement contains the following revisions:

- 5.1 Revised the pay item unit price dollar for CONTRACTOR'S QUALITY PROGRAM to \$496,000.00.
- 5.2 Revised the pay item amount dollar for CONTRACTOR'S QUALITY PROGRAM to \$496,000.00.
- 5.3 Revised the pay item unit price dollar for DISPOSAL OF UNIDENTIFIED HAZARDOUS WASTE to \$1.
- 5.4 Revised the pay item amount dollar for DISPOSAL OF UNIDENTIFIED HAZARDOUS WASTE to \$50,000.00.

- 5.5 Revised the pay item unit price dollar for UNFORESEEN ADDITIONAL MAINTENANCE OF TRAFFIC to \$1.
- 5.6 Revised the pay item amount dollar for UNFORESEEN ADDITIONAL MAINTENANCE OF TRAFFIC to \$50,000.00.
- 5.7 Revised the pay item unit price dollar for ALLOWANCE FOR UNFORESEEN EROSION CONTROL MEASURES to \$1.
- 5.8 Revised the pay item amount dollar for ALLOWANCE FOR UNFORESEEN EROSION CONTROL MEASURES to \$25,000.00.

#### **Change # 6**

Contract Requirements, Volume I, Page P-18 replaced with Page P-18R (attached).

This replacement contains the following revisions:

- 6.1 Revised the pay item unit price dollar for ALLOWANCE FOR DEWATERING to \$1.
- 6.2 Revised the pay item amount dollar for ALLOWANCE FOR DEWATERING to \$5,000.00.
- 6.3 Revised the pay item unit price dollar for CONTRACT ALLOWANCE FOR ADDITIONAL ITS WORK to \$1.
- 6.4 Revised the pay item amount dollar for CONTRACT ALLOWANCE FOR ADDITIONAL ITS WORK to \$10,000.00.
- 6.5 Revised the pay item unit price dollar for ALLOWANCE FOR ELECTRIC UTILITY SERVICE CONNECTION to \$1.
- 6.6 Revised the pay item amount dollar for ALLOWANCE FOR ELECTRIC UTILITY SERVICE CONNECTION to \$10,000.00.
- 6.7 Revised the pay item unit price dollar for ALLOWANCE FOR UTILITY SERVICE CONNECTION to \$1.
- 6.8 Revised the pay item amount dollar for ALLOWANCE FOR UTILITY SERVICE CONNECTION to \$10,000.00.
- 6.9 Revised the pay item unit price dollar for ALLOWANCE FOR UTILITY RELOCATION to \$1.
- 6.10 Revised the pay item amount dollar for ALLOWANCE FOR UTILITY RELOCATION to \$10,000.00.

#### **Change # 7**

Contract Requirements, Volume I, Page P-19 replaced with Page P-19R (attached).

This replacement contains the following revisions:

- 7.1 Revised the AMOUNT OF CONTRACTOR'S QUALITY PROGRAM (CQP) + TOTAL AMOUNT OF CONTINGENCY WORK amount dollar to \$666,000.00.
- 7.2 Note 1 has been deleted from this page.

### **CHANGES TO THE CONTRACT SPECIAL PROVISIONS**

#### **Change # 8**

Contract Requirements, Volume II, Replace Pages TOC-1 through TOC-5 with Pages TOC-1R through TOC-5R (attached).

This replacement contains the following revisions:

- 8.1 S.P. 106.1 COORDINATION WITH ILLINOIS DEPARTMENT OF TRANSPORTION added to the Table of Contents.
- 8.2 S.P. 106.2 COORDINATION WITH THE MCHENRY COUNTY DIVISION OF TRANSPORTION added to the Table of Contents.
- 8.3 S.P. 106.3 COORDINATION WITH THE CITY OF MARENGO added to the Table of Contents.
- 8.4 S.P. 106.4 KANE COUNTY FOREST PRESERVE – SETTLER'S HILL CROSS COUNTRY COURSE SURPLUS EARTH MANAGEMENT added to the Table of Contents.

**Change # 9**

Contract Requirements, Volume II, Replace Page J-5 with Page J-5R (attached).

This replacement contains the following revisions:

- 9.1 Tollway Standard Drawing D6-07 PAVEMENT MARKING AND SHOULDER RUMBLE STRIP DETAILS added.

**Change # 10**

Contract Requirements, Volume II, Replace Page J-13 with Page J-13R (attached).

This replacement contains the following revisions:

- 16.1 Revised title from S.P. 106.4 KANE COUNTY FOREST PRESERVE - SETTLER'S HILL CROSS COUNTY COURSE SURPLUS EARTH MANAGEMENT to S.P. 106.4 KANE COUNTY FOREST PRESERVE - SETTLER'S HILL CROSS COUNTRY COURSE SURPLUS EARTH MANAGEMENT.
- 16.2 Revised dates in DESCRIPTION from May 31, 2018 to May 31, 2019 and June 1, 2018 to June 1, 2019.

**Change # 11**

Contract Requirements, Volume II, Replace Pages J-55 through J-56 with Pages J-55R through J-56R (attached).

This replacement contains the following revisions:

- 11.1 Revised title from UNCONTAMINATED SOIL DISPOSAL (Illinois Tollway) to UNCONTAMINATED SOIL DISPOSAL REVISED FOR I-18-4392 *FOR SOILS OUTSIDE OF pH AND ELEVATED PID READINGS EXCLUSION ZONES*.
- 11.2 Revised DESCRIPTION to add "from areas outside the pH and elevated photoionization detector (PID) Exclusion Zones".
- 11.3 Removed the reference to IEPA form 662.
- 11.4 Revised CONTRACTOR'S RESPONSIBILITY 2<sup>nd</sup> paragraph to read "It shall be the Contractor's responsibility to select one or more CCDD or Uncontaminated Soil Fill Operation (USFO), if the contractor chooses to dispose of CCDD or uncontaminated soil at a regulated facility. Should the contractor elect to analyze additional pH samples, the contractor shall be responsible for collecting and analyzing the sample. The pH must have a pH between 6.25 and 9.0 to be sent to a CCDD or uncontaminated soil facility. The pH samples shall be collected in areas void of any limestone base, which means a minimum of 2 ft below ground surface, and analyzed by accredited outside laboratory or other method approved by the receiving facility. Soils with an analyzed pH outside this range shall be stockpiled for reuse on the project. No additional soil testing by the Contractor shall be conducted. The Contractor shall stage and transport material to the receiving facility and is responsible for coordination with such facilities on operating hours. Additionally, the Contractor shall verify and record all loads to be transported to a CCDD and USFO with a Photo Ionization Detector (PID) that is calibrated on a daily basis. Only soils with a PID reading at or less than the ambient background reading shall be shipped to a CCDD or USFO."

**Change # 12**

Contract Requirements, Volume II, Add the following Special Provision (J-56A through J-56B attached).

UNCONTAMINATED SOIL DISPOSAL (Illinois Tollway) REVISED FOR I-18-4392 *FOR SOILS WITHIN THE pH and ELEVATED PID READINGS EXCLUSION ZONES*.

**Change # 13**

Contract Requirements, Volume II, Add Pages J-85A through J-85L (attached).

CONSTRUCTING WARM MIX ASPHALT TEST STRIP

**Change # 14**

Contract Requirements, Volume II, Add Pages J-124A (attached).

ASPHALT SHOULDER RUMBLE STRIP, 16 INCH

**Change # 15**

Contract Requirements, Volume II, Add Page BDE-5A (attached).

This new page contains the following information:

- 15.1 Form to be returned with bid for BITUMINOUS MATERIALS COST ADJUSTMENTS (BDE).

**CHANGES TO THE CONTRACT DRAWINGS****Change # 16**

Contract Plans, Volume 1, Drawing 3 (attached)

List of Standards

This drawing contains the following revisions:

- 16.3 Tollway Standard Drawing D6-07 PAVEMENT MARKING AND SHOULDER RUMBLE STRIP DETAILS added.

**Change # 17**

Contract Plans, Volume 1, Drawings 6 through 7 (attached)

Suggested Progress Schedule

This drawing contains the following revisions:

- 17.1 Charter Communication added under Utility Relocation.

**Change # 18 through # 20**

Contract Plans, Volume 1, Drawings 10, 12, and 13.

Summary of Quantities

This drawing contains the following revisions:

- 18.1 The revised drawings will reflect the quantity changes shown in the "Summary of Revisions to Pay Item Quantities" table included in this addendum.

Revised drawings to be issued to the successful Bidder.

**Change # 21**

Contract Plans, Volume 1, Drawing 64 (attached).

MOT Plans (Motgen-001)

This drawing contains the following revisions:

- 21.1 Note #27 has been revised to read "27. THE CONTRACTOR SHALL USE PAVEMENT MARKING TAPE, TYPE IV FOR TEMPORARY CONDITIONS. AT THE END OF THIS CONTRACT, ALL REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE REPLACED WITH A PERMANENT MATERIAL."

**Change # 22 through # 24**

Contract Plans, Volume 1, Drawings 87, 91, and 94 (attached).

MOT Plans (Mot1b-007, Mot1b-011, Mot1c-001)

This drawing contains the following revisions:

- 24.1 MOT-EWSZL Sign Size was revised to G20-I103-6036.

**Change # 25**

Contract Plans, Volume 1, Drawing 98 (attached).

MOT Plans (Mot1c-005)

This drawing contains the following revisions:

- 25.1 MOT-EWSZL Sign Size was revised to G20-I103-6036.  
25.2 Stop bar set back revised due to turning movements.

**Change # 26**

Contract Plans, Volume 1, Drawing 99 (attached).  
MOT Plans (Mot1c-006)

This drawing contains the following revisions:

- 26.1 Stop bar set back revised due to turning movements.

**Change # 27**

Contract Plans, Volume 1, Drawing 107 (attached).  
MOT Plans (Mot2a-007)

This drawing contains the following revisions:

- 27.1 MOT-EWSZL Sign Size was revised to G20-I103-6036.
- 27.2 Sign distance revised from 500' to 1,000'.
- 27.3 Attenuator added.

**Change # 28**

Contract Plans, Volume 1, Drawing 108 (attached).  
MOT Plans (Mot2a-008)

This drawing contains the following revisions:

- 28.1 Signs revised to be placed outside of the traveled way.

**Change # 29**

Contract Plans, Volume 1, Drawing 109 (attached).  
MOT Plans (Mot2a-009)

This drawing contains the following revisions:

- 29.1 Attenuator, Barrels and Barricades across bridge were added.

**Change #30**

Contract Plans, Volume 1, Drawing 110 (attached).  
MOT Plans (Mot2a-010)

This drawing contains the following revisions:

- 30.1 Signs revised to be placed outside of the traveled way.
- 30.2 Attenuator added.

**Change # 31**

Contract Plans, Volume 1, Drawing 111 (attached).  
MOT Plans (Mot2a-011)

This drawing contains the following revisions:

- 31.1 MOT-EWSZL Sign Size was revised to G20-I103-6036.
- 31.2 Signs revised to be placed outside of the traveled way.
- 31.3 Attenuator added.

**Change # 32 through # 33**

Contract Plans, Volume 1, Drawings 144 through 145 (attached).  
Roadway Plans

This drawing contains the following revisions:

- 32.1 Rumble Strips added.

**Change # 34**

Contract Plans, Volume 2, Drawing 205 (attached).  
Utility Plans (Util-014)

This drawing contains the following revisions:

34.1 Contact and Coordination Numbers Updated.

**Change # 35**

Contract Plans, Volume 2, Drawing 306 (attached).  
Grading Plans

This drawing contains the following revisions:

35.1 Legend with areas of soil testing results added.

**Change # 36 through #38**

Contract Plans, Volume 3, Drawings 418 through 420 (attached).  
Ramp Toll Collection Plans

This drawing contains the following revisions:

36.1 Revised rebar numbers for plaza pavement structure.

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**END OF ADDENDUM CHANGES**

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY  
 CONTRACT I-18-4392  
 INTERCHANGE CONSTRUCTION  
 JANE ADDAMS MEMORIAL TOLLWAY (I-90) AT ILLINOIS ROUTE 23 (IL 23)  
 MILE POST 36.5 TO MILE POST 36.5  
 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	373		
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	313		
*	20100500	TREE REMOVAL, ACRES	ACRE	0.3		
*	20200100	EARTH EXCAVATION	CU YD	303,276		
*	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	6,952		
	20800150	TRENCH BACKFILL	CU YD	2,149		
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	11,333		
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,725		
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	5,175		
	25100630	EROSION CONTROL BLANKET	SQ YD	84,232		
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	28,142		
	28000305	TEMPORARY DITCH CHECKS	FOOT	920		
	28000400	PERIMETER EROSION BARRIER	FOOT	11,986		
	28000500	INLET AND PIPE PROTECTION	EACH	3		
	28000510	INLET FILTERS	EACH	57		
	28100105	STONE RIPRAP, CLASS A3	SQ YD	149		
	28100107	STONE RIPRAP, CLASS A4	SQ YD	66		
	28100109	STONE RIPRAP, CLASS A5	SQ YD	48		
	28100111	STONE RIPRAP, CLASS A6	SQ YD	281		
	28200200	FILTER FABRIC	SQ YD	123		
	28500400	ARTICULATED BLOCK REVETMENT MAT	SQ YD	2,027		
D1	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	6,952		
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	38,758		
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	7,947		



THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY  
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 JANE ADDAMS MEMORIAL TOLLWAY (I-90) AT ILLINOIS ROUTE 23 (IL 23)  
 MILE POST 35.5 TO MILE POST 36.5  
 SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SQ YD	29,187		
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1,164		
	35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	419		
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	397		
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	88		
	40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	2,593		
	40701876	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 3/4"	SQ YD	289		
	42000406	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)	SQ YD	23,316		
	42001300	PROTECTIVE COAT	SQ YD	28,369		
BDE	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	11,829		
	42400800	DETECTABLE WARNINGS	SQ FT	480		
	44000100	PAVEMENT REMOVAL	SQ YD	19,018		
	44004250	PAVED SHOULDER REMOVAL	SQ YD	12,449		
	48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	741		
	48300405	PORTLAND CEMENT CONCRETE SHOULDERS 9 1/4"	SQ YD	7,897		
*	48300515	PORTLAND CEMENT CONCRETE SHOULDERS 10 3/4"	SQ YD	1,645		
	48300610	PORTLAND CEMENT CONCRETE SHOULDERS 11 1/2"	SQ YD	122		
	50104400	CONCRETE HEADWALL REMOVAL	EACH	1		
	50105220	PIPE CULVERT REMOVAL	FOOT	740		
	50300225	CONCRETE STRUCTURES	CU YD	170		
	50300300	PROTECTIVE COAT	SQ YD	1,038		
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	55,354		
	54010402	PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	164		
	54010502	PRECAST CONCRETE BOX CULVERTS 5' X 2'	FOOT	25		

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY  
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 MILE POST 35.5 TO MILE POST 36.5  
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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	54010602	PRECAST CONCRETE BOX CULVERTS 6' X 2'	FOOT	74		
	54010603	PRECAST CONCRETE BOX CULVERTS 6' X 3'	FOOT	86		
	54010903	PRECAST CONCRETE BOX CULVERTS 9' X 3'	FOOT	390		
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	9		
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1		
	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1		
	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1		
	54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2		
	54214305	END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	2		
	54214761	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 66"	EACH	1		
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	2,081		
	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	122		
	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	211		
	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	208		
	550A0230	STORM SEWERS, CLASS A, TYPE 1 72"	FOOT	195		
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	546		
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	426		
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	405		
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	121		
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	114		
	550A0520	STORM SEWERS, CLASS A, TYPE 2 72"	FOOT	127		
	550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	56		
	550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	31		
	550A4100	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	307		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	550A4300	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	62		
	550A4740	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 66"	FOOT	242		
	60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	18		
	60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	526		
	60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	5,645		
	60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	20		
	60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	22		
*	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	19		
*	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6		
*	60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		
*	60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		
	60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	19		
	60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	1		
	60600605	CONCRETE CURB, TYPE B	FOOT	674		
	60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	12,158		
*	60611811	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (MODIFIED)	FOOT	1,038		
	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	3,844		
	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	587.5		
	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2		
	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2		
	63200310	GUARDRAIL REMOVAL	FOOT	2,086		
	66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	39		
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	15,000		
	66900530	SOIL DISPOSAL ANALYSIS	EACH	10		

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 SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,160		
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	720		
BDE	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	104,386		
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	4,580		
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	3,437		
	70600305	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, RESETTABLE), TEST LEVEL 3	EACH	10		
	70600330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	10		
	72000100	SIGN PANEL - TYPE 1	SQ FT	524.50		
	72000200	SIGN PANEL - TYPE 2	SQ FT	1,136.25		
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	59		
	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	17		
	72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	433		
	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2		
	72501100	TERMINAL MARKER - POST MOUNTED	EACH	2		
	72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	30,674		
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	947.75		
	73000100	WOOD SIGN SUPPORT	FOOT	1,321		
	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	70		
	73400100	CONCRETE FOUNDATIONS	CU YD	57		
	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	262		
	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	25,816		
	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	42		
	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1,311		
	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	3,054		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	342		
	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	118		
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	138		
*	80400100	ELECTRIC SERVICE INSTALLATION	EACH	3		
*	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1		
	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	1,644		
	81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	FOOT	123		
	81100420	CONDUIT ATTACHED TO STRUCTURE, 1 1/4" DIA., PVC COATED GALVANIZED STEEL	FOOT	90		
	81603034	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	2,657		
	81603050	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	5,340		
	81702145	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3	FOOT	693		
	82500360	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	3		
	83009600	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. MAST ARM	EACH	49		
	83050580	LIGHT POLE, ALUMINUM, 40 FT. M.H., 2-12 FT. MAST ARMS	EACH	2		
	83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	300		
	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	2,495		
*	X0322584	REVTMENT MAT REMOVAL	SQ YD	1,300		
*	X1200050	BOX CULVERT REMOVAL	FOOT	80		
*	X1200111	PRECAST BOX CULVERT END SECTION	EACH	10		
*	X1400238	LUMINAIRE, LED, SPECIAL	EACH	53		
*	X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1		
*	X6022110	MANHOLES, TYPE A, 10'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		
BDE	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	20,280		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
BDE	X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	680		
*	X7810300	RECESSED REFLECTIVE PAVMENT MARKER	EACH	44		
BDE	X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	44.6		
BDE	X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	6,304		
BDE	X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	363		
BDE	X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	60		
*	Z0022800	FENCE REMOVAL	FOOT	1,118		
*	Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	5,946		
D1	Z0062456	TEMPORARY PAVEMENT	SQ YD	8,156		
*	JA664020	DOUBLE VEHICLE GATE, DECORATIVE FENCE	EACH	1		
*	J1211110	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	23,789		
*	J1211112	TOPSOIL EXCAVATION AND DISPOSAL	CU YD	64,042		
*	J1213001	EXPLORATION TRENCH, UTILITIES	FOOT	300		
*	J1213006	EXPLORATION TRENCH, UTILITIES (VACUUM EXCAVATION)	FOOT	300		
*	J1312022	STABILIZED SUBBASE - WMA, 3"	SQ YD	27,538		
*	J1406107	ASPHALT TACK COAT	POUND	13,550		
*	J1406900	CONSTRUCTING WARM MIX ASPHALT TEST STRIP	EACH	2		
*	J1420005	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	15,530		
*	J1420008	PORTLAND CEMENT CONCRETE PAVEMENT 11.25" (JOINTED)	SQ YD	7,300		
*	J1420027	PROTECTIVE COAT	SQ YD	27,854		
*	J1481070	AGGREGATE SHOULDERS SPECIAL, TYPE C	TON	224		
*	J1481130	AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 4"	SQ YD	5,670		
*	J1482104	WARM-MIX ASPHALT SHOULDERS (6 IN.)	SQ YD	17,183		
*	J1501040	SLOPED HEADWALL REMOVAL	EACH	9		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JI601300	PIPE UNDERDRAINS, 6" (SPECIAL)	FOOT	5,488		
*	JI601320	PIPE UNDERDRAINS, FABRIC LINED TRENCH 6"	FOOT	3,148		
*	JI602791	JUNCTION CHAMBER, LOCATION 1	EACH	1		
*	JI630002	GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	537.5		
*	JI631110	TRAFFIC BARRIER TERMINAL, TYPE T1 (SPECIAL) TANGENT	EACH	2		
*	JI631112	TRAFFIC BARRIER TERMINAL, TYPE T1-A (SPECIAL)	EACH	4		
*	JI631120	TRAFFIC BARRIER TERMINAL, TYPE T2	EACH	1		
*	JI631135	TRAFFIC BARRIER TERMINAL, TYPE T6B	EACH	6		
*	JI631140	TRAFFIC BARRIER TERMINAL, TYPE T10	EACH	1		
*	JI635010	ROADWAY DELINEATORS	EACH	315		
*	JI642014	ASPHALT SHOULDER RUMBLE STRIP, 16 INCH	FOOT	1,355		
*	JI664305	RIGHT-OF-WAY FENCE, TYPE 1, 6'	FOOT	4,060		
*	JI664310	CORNER POST, RIGHT-OF-WAY FENCE, TYPE1	EACH	4		
*	JI664315	PULL POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	32		
*	JI664320	END POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	2		
*	JI664400	RIGHT OF WAY FENCE REMOVAL	FOOT	4,881		
*	JI680016	HEADWALL TYPE III, 24", 1:4	EACH	1		
*	JI680037	HEADWALL TYPE IV, 36", 1:4	EACH	2		
*	JI680080	HEADWALL TYPE III, 24" EQRS, 1:6	EACH	1		
*	JI680125	SLOPED HEADWALL TYPE III, 24", 1:3	EACH	1		
*	JI680130	SLOPED HEADWALL TYPE III, 6", 1:4	EACH	28		
*	JI680131	SLOPED HEADWALL TYPE III, 12", 1:4	EACH	1		
*	JI680132	SLOPED HEADWALL TYPE III, 15", 1:4	EACH	1		
*	JI680133	SLOPED HEADWALL TYPE III, 18", 1:4	EACH	7		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JI680140	SLOPED HEADWALL TYPE III, 6", 1:6	EACH	44		
*	JI680142	SLOPED HEADWALL TYPE III, 15", 1:6	EACH	1		
*	JI680143	SLOPED HEADWALL TYPE III, 18", 1:6	EACH	1		
*	JI680145	SLOPED HEADWALL TYPE III, 24", 1:6	EACH	4		
*	JI680148	SLOPED HEADWALL TYPE III, 15", 1:10	EACH	2		
*	JI680149	SLOPED HEADWALL TYPE III, 24" EQRS, 1:4	EACH	3		
BDE	JI703995	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	14,512		
*	JI704000	TEMPORARY CONCRETE BARRIER,	FOOT	7,685		
*	JI704005	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	7,685		
*	JI706282	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3, TO REMAIN IN PLACE	EACH	2		
*	JI782012	GUARDRAIL BARRIER DELINEATOR, REFLECTOR MARKER TYPE B	EACH	13		
*	JI782022	BARRIER WALL REFLECTORS, TYPE C	EACH	155		
*	JI782110	TERMINAL MARKER - DIRECT APPLIED	EACH	5		
*	JI811282	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., STAINLESS STEEL	FOOT	50		
**	JS107360	DUST CONTROL WATERING	UNIT	1,272		
**	JS120100	TRAILER MOUNTED FULL MATRIX PORTABLE CHANGEABLE MESSAGE SIGNS	EACH	2		
**	JS120101	TRAILER MOUNTED FULL MATRIX PORTABLE CHANGEABLE MESSAGE SIGNS	EACH/WEEK	4		
**	JS120102	TRAILER MOUNTED FULL MATRIX PORTABLE CHANGEABLE MESSAGE SIGNS	EACH/MONTH	2		
**	JS250220	SEEDING, CLASS 2E	ACRE	20.5		
**	JS250314	SEEDING, CLASS 4B	ACRE	10.9		
**	JS250318	SEEDING, CLASS 4F	ACRE	30.7		
**	JS250320	SEEDING, CLASS 5	ACRE	30.7		
**	JS250324	SEEDING, CLASS 5B	ACRE	10.9		
**	JS280020	MANAGEMENT OF EROSION AND SEDIMENT CONTROL	CAL. MO.	9		



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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	279		
**	JS280040	EROSION AND SEDIMENT CONTROL-CLEANOUT	CU YD	139		
**	JS280050	SILT FENCE	FOOT	13,298		
**	JS280051	RE-ERECT SILT FENCE	FOOT	2,663		
**	JS280070	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	4,803		
**	JS280100	SUPER SILT FENCE	FOOT	176		
**	JS280120	TREE PROTECTION	FOOT	890		
**	JS280140	TEMPORARY RIPRAP	TON	361		
**	JS280150	TEMPORARY STABILIZATION WITH STRAW MULCH	ACRE	39.25		
**	JS280210	FILTER FABRIC INLET PROTECTION, BASKET TYPE	EACH	20		
**	JS280305	TEMPORARY DITCH CHECKS	FOOT	605		
**	JS670A00	FIELD OFFICE, TYPE A	CAL MO	10		
*	JS671020	MOBILIZATION, TOLLWAY (MODIFIED)	L SUM	1		
*	JS701010	MAINTENANCE OF TRAFFIC	L SUM	1		
**	JS733610	OVERHEAD SIGN STRUCTURE, AET RAMP ENTRANCE MONOTOBE TYPE (STEEL)	FOOT	134		
**	JS733630	OVERHEAD SIGN STRUCTURE, AET RAMP EXIT MONOTOBE TYPE (STEEL)	FOOT	134		
**	JS734D10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, MONOTUBE TYPE	CU YD	124		
**	JS810839	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	420		
**	JS810880	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 5" DIA.	FOOT	400		
**	JS814001	HANDHOLE, TOLLWAY	EACH	10		
**	JS814002	HEAVY-DUTY HANDHOLE, TOLLWAY	EACH	8		
**	JS816034	UNIT DUCT, WITH 2-1/C NO. 8 AND 1/C NO. 8 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	FOOT	1,570		
**	JS816037	UNIT DUCT, WITH 4-1/C NO. 6 AND 1/C NO. 8 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	FOOT	11,820		
**	JS817212	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	1,910		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
**	JS817213	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	240		
**	JS817214	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	2,085		
**	JS817215	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	3,465		
**	JS821100	LUMINAIRE, LED, HORIZONTAL MOUNT	EACH	60		
**	JS830003	GROUND MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 15 FT. MAST ARM	EACH	60		
**	JS836001	LIGHT POLE FOUNDATION (ROADWAY) STEEL HELIX (7 FT) OR CONCRETE	EACH	60		
*	JT131524	ELECTRICAL WORK	L SUM	1		
*	JT131527	PLAZA ELECTRICAL WORK, LOCATION 1	L SUM	1		
*	JT131528	PLAZA ELECTRICAL WORK, LOCATION 2	L SUM	1		
*	JT131529	PLAZA ELECTRICAL WORK, LOCATION 3	L SUM	1		
*	JT131641	PREFABRICATED CONTROL BUILDING, LOCATION 1	L SUM	1		
*	JT131642	PREFABRICATED CONTROL BUILDING, LOCATION 2	L SUM	1		
*	JT131643	PREFABRICATED CONTROL BUILDING, LOCATION 3	L SUM	1		
*	JT131651	CONTROL BUILDING FOUNDATION, LOCATION 1	L SUM	1		
*	JT131652	CONTROL BUILDING FOUNDATION, LOCATION 2	L SUM	1		
*	JT131653	CONTROL BUILDING FOUNDATION, LOCATION 3	L SUM	1		
*	JT132701	VES CAMERA HIGH PRESSURE WASH SYSTEM, LOCATION 1	L SUM	1		
*	JT132702	VES CAMERA HIGH PRESSURE WASH SYSTEM, LOCATION 2	L SUM	1		
*	JT132703	VES CAMERA HIGH PRESSURE WASH SYSTEM, LOCATION 3	L SUM	1		
*	JT132810	ITS POLE MOUNTED ENCLOSURE (CCTV OR MVDS)	EACH	3		
*	JT132814	ITS DISCONNECT SWITCH ASSEMBLY	EACH	3		
*	JT132820	CCTV CAMERA, ITS ASSEMBLY (TOLLWAY)	EACH	3		
*	JT132830	FIBER OPTIC COMMUNICATIONS, ITS ASSEMBLY	EACH	3		
*	JT132845	MICROWAVE VEHICLE DETECTION SYSTEM (MVDS), ITS ASSEMBLY	EACH	1		

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT134037	ITS ELEMENT SITE GROUNDING - POLE MOUNTED ASSEMBLY	EACH	3		
*	JT160115	INNERDUCT FOR SINGLE MODE FIBER OPTIC CABLE, 1 1/4" DIA, COILABLE NONMETALLIC, RIBBED	FOOT	5,830		
*	JT160130	HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, 36"X60"X36"	EACH	6		
*	JT160132	HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, 48"X72"X36"	EACH	1		
*	JT160152	CABLE MARKER SIGN WITH POST FOR SINGLE MODE FIBER OPTIC CABLE	EACH	10		
*	JT160321	FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 24 FIBERS	FOOT	5,000		
*	JT160323	FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 48 FIBERS	FOOT	1,330		
*	JT211A08	SUBGRADE AGGREGATE 9 IN.	CU YD	7,174		
*	JT211A11	SUBGRADE AGGREGATE 12 IN.	CU YD	15		
*	JT211A14	SUBGRADE AGGREGATE 15 IN.	CU YD	5,941		
*	JT280240	PERMANENT DITCH CHECK	FOOT	340		
*	JT280510	FLOC LOG	EACH	27		
*	JT421380	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT AND SHOULDER (SPECIAL)(12 IN.)	SQ YD	720		
*	JT421960	PAVEMENT REINFORCEMENT (12 IN.)	SQ YD	720		
*	JT701030	SUPPLEMENTAL BARRICADE	EACH/DAY	2,000		
*	JT701031	SUPPLEMENTAL SIGNING	SQ FT	180		
*	JT701032	SUPPLEMENTAL FLASHING ARROW BOARD (PER DAY)	EACH/DAY	60		
*	JT701033	SUPPLEMENTAL FLASHING ARROW BOARD (PER WEEK)	EACH/WEEK	26		
*	JT701034	SUPPLEMENTAL FLASHING ARROW BOARD (PER MONTH)	EACH/MONTH	24		
*	JT701035	SUPPLEMENTAL MAINTENANCE OF TRAFFIC	DAY	24		
*	JT701052	TEMPORARY INFORMATION SIGNING-GROUND MOUNT, GREATER THAN 24 SQ FT IN AREA	SQ FT	500		
*	JT720100	SIGN INSTALLATION, TYPE 1	SQ FT	177		
*	JT720110	SIGN INSTALLATION, TYPE 2	SQ FT	684.5		

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*	JT720120	SIGN INSTALLATION, TYPE 3	SQ FT	4,799.06		
*	JT780300	MULTI-POLYMER PAVEMENT MARKING - LINE 4"	FOOT	11,309		
*	JT780310	MULTI-POLYMER PAVEMENT MARKING - LINE 6"	FOOT	2,990		
*	JT780315	MULTI-POLYMER PAVEMENT MARKING - LINE 8"	FOOT	1,820		
*	JT780320	MULTI-POLYMER PAVEMENT MARKING - LINE 10"	FOOT	8,826		
*	JT780325	MULTI-POLYMER PAVEMENT MARKING - LINE 12"	FOOT	2,205		
*	JT780340	MULTI-POLYMER PAVEMENT MARKING - LETTERS (8 FT.)	SQ FT	130		
*	JT780355	MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE)	SQ FT	254		
*	JT810879	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 4" DIA.	FOOT	6,430		
*	JT783001	PAVEMENT MARKING REMOVAL	SQ FT	13,500		
*	JT783005	WATERBLAST PAVEMENT MARKING REMOVAL WITH VACUUM RECOVERY	SQ FT	1,200		
*	JT830051	GROUND MOUNTED LIGHT POLE, GALVANIZED STEEL, 50 FT., WITHOUT MAST ARM	EACH	3		
*	JT836018	ITS ELEMENT POLE FOUNDATION STEEL HELIX (10 FT)	EACH	3		
*	JT836027	CONCRETE SERVICE PAD TYPE A	EACH	3		
*	JT900580	CHEMICALLY STABILIZED SUBGRADE, 9"	SQ YD	28,695		
*	JT992010	GEOTECHNICAL INVESTIGATION	L SUM	1		
*	A2004716	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED	EACH	20		
*	A2006512	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-1/2" CALIPER, BALLED AND BURLAPPED	EACH	20		
*	A2006712	TREE, QUERCUS MACROCARPA (BUR OAK), 1-1/2" CALIPER, BALLED AND BURLAPPED	EACH	20		
		TOTAL AMOUNT OF CORE WORK				
*	JT155001	CONTRACTOR'S QUALITY PROGRAM	L SUM	1	\$496,000.00	\$496,000.00
*	JT154002	DISPOSAL OF UNIDENTIFIED HAZARDOUS WASTE	UNIT	50,000.00	\$1	\$50,000.00
*	JT154008	UNFORESEEN ADDITIONAL MAINTENANCE OF TRAFFIC	UNIT	50,000.00	\$1	\$50,000.00
*	JT154016	ALLOWANCE FOR UNFORESEEN EROSION CONTROL MEASURES	UNIT	25,000.00	\$1	\$25,000.00

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*	JT154020	ALLOWANCE FOR DEWATERING	UNIT	5,000.00	\$1	\$5,000.00
*	JT154032	CONTRACT ALLOWANCE FOR ADDITIONAL ITS WORK	UNIT	10,000.00	\$1	\$10,000.00
*	JT154125	ALLOWANCE FOR ELECTRIC UTILITY SERVICE CONNECTION	UNIT	10,000.00	\$1	\$10,000.00
*	JT154127	ALLOWANCE FOR UTILITY SERVICE CONNECTION	UNIT	10,000.00	\$1	\$10,000.00
*	JT154165	ALLOWANCE FOR UTILITY RELOCATION	UNIT	10,000.00	\$1	\$10,000.00
	999NEG24	DAMAGES TO ILLINOIS TOLLWAY'S OPERATIONAL FACILITIES PER S.P. 115.5 - JANE ADDAMS MEMORIAL (I-90)	OCCUR		(9,000.00)	
	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 CONTROL AND SEDIMENT CONTROL PER TOLLWAY SUPPL. SPEC 280.02 9b) (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. 701.001 (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)	
	999NEG44	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.1	CAL DAY		(9,000.00)	
	999NEG45	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.2	CAL DAY		(9,000.00)	
	999NEG49	DAMAGE TO FIBER OPTIC UTILITIES, PER S.P. 115.3	OCCUR		(10,000.00)	

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY  
 CONTRACT I-18-4392  
 INTERCHANGE CONSTRUCTION  
 JANE ADDAMS MEMORIAL TOLLWAY (I-90) AT ILLINOIS ROUTE 23 (IL 23)  
 MILE POST 35.5 TO MILE POST 36.5  
 SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	999NEG53	NON-COMPLIANCE WITH CONTRACTOR QUALITY PROGRAM SPECIAL PROVISION	OCCUR		(1,000.00)	
	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)	
	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)	
AMOUNT OF CONTRACTOR'S QUALITY PROGRAM (CQP) + TOTAL AMOUNT OF CONTINGENCY WORK						666,000.00
TOTAL AMOUNT OF CORE WORK + AMOUNT OF CONTRACTOR'S QUALITY PROGRAM (CQP) + TOTAL AMOUNT OF CONTINGENCY WORK = TOTAL AMOUNT OF BASE BID						
ECP 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 SPECIAL PROVISION

**THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY (ILLINOIS TOLLWAY)  
SPECIAL PROVISIONS  
CONTRACT I-18-4392  
INTERCHANGE CONSTRUCTION  
JANE ADDAMS MEMORIAL TOLLWAY (I-90) AT  
ILLINOIS ROUTE 23 (IL 23)  
MILE POST 35.5 TO MILE POST 36.5  
STATION 1857+07.72 TO STATION 1902+00.00**

**VOLUME II**

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## TOLLWAY STANDARD DRAWINGS

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A7-03	PAVEMENT JOINTS
A13-01	JOINTING PLAN EXIT RAMP TERMINAL WITH AUXILIARY LANE
A14-04	JOINTING PLAN ENTRANCE RAMP TERMINAL
A15-04	JOINTING PLAN EXIT RAMP TERMINAL
A17-04	JOINTING PLAN PARALLEL ENTRANCE RAMP TERMINAL
B6-06	HEADWALL TYPE III 18"-24"-30"-36"-42"-48"-54"-60" FOR 1:3, 1:4, 1:6 AND 1:10 SLOPES
B10-09	SLOPED HEADWALLS TYPE III DETAILS
B20-05	HEADWALL TYPE IV CONCRETE BOX CULVERT $\leq$ 84" WIDTH
B24-06	PIPE UNDERDRAINS
C1-10	GALVANIZED STEEL PLATE BEAM GUARDRAIL
C6-09	SHOULDER WIDENING FOR TRAFFIC BARRIER TERMINAL, TYPE TI (SPECIAL) TANGENT
C10-08	TRAFFIC BARRIER TERMINAL, TYPE T6B
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D5-06	PERMANENT PAVEMENT MARKINGS
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E4-07	MAINTENANCE OF TRAFFIC REVERSE CURVE
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F15-02	OVERHEAD SIGN STRUCTURE MONOTUBE TYPE (STEEL) STRUCTURE DETAILS FOR AET RAMP
H1-07	LIGHT STANDARD FOUNDATION
H2-06	LIGHT STANDARD DETAILS
H3-04	BRIDGE CONDUIT DETAILS
H4-04	HEAVY-DUTY HANDHOLE AND BURIED WIRING DETAILS
H17	MAST ARM CABLE ASSEMBLY (SINGLE MAST ARM)
K1-07	TEMPORARY EROSION AND SEDIMENT CONTROLS

**S.P. 106.2 COORDINATION WITH THE MCHENRY COUNTY DIVISION OF TRANSPORTATION**

For construction on or adjacent to any county highway, the Contractor will be required to contact the McHenry County Division of Transportation, as listed below, to secure necessary permits and obtain written authorization for any lane closures on the aforementioned roadway.

The Contractor is responsible for meeting all requirements of the McHenry County Division of Transportation in connection therewith:

Mr. Benjamin A. Redding, P.E., ENV SP  
Design Manager  
McHenry County Division of Transportation  
16111 Nelson Road  
Woodstock, IL 60098  
815-334-4980

**S.P. 106.3 COORDINATION WITH THE CITY OF MARENGO**

For construction on or adjacent to any City roadway, the Contractor will be required to contact the City of Marengo, as listed below, to secure necessary permits and obtain written authorization for any lane closures on the aforementioned roadway.

The Contractor is responsible for meeting all requirements of the City of Marengo in connection therewith:

Mr. Joshua Blakemore  
City Administrator  
City of Marengo  
123 East Prairie Street  
Marengo, IL 60152  
815-568-7112

**S.P. 106.4 KANE COUNTY FOREST PRESERVE – SETTLER'S HILL CROSS COUNTRY COURSE SURPLUS EARTH MANAGEMENT**

**Description**

This work shall be completed in accordance with Section 202 of the Standard Specification and the Illinois Tollway Special Provision for Uncontaminated Soil Disposal with the following addition.

At the Contractor's option, this work shall consist of transporting and tipping suitable surplus earth eligible for disposal at a Clean Construction and Demolition Debris (CCDD) facility at the Settler's Hill Cross Country Course being developed by the Kane County Forest Preserve. The Illinois Tollway has initiated contact with the Kane County Forest Preserve that has informed the Tollway that as of October 1, 2018 has need for 90,000 cubic yards of material. This material can be accepted through May 31, 2019 with Settler's Hill earth work being completed by June 1, 2019.

**UNCONTAMINATED SOIL DISPOSAL REVISED FOR I-18-4392  
FOR SOILS OUTSIDE THE pH EXCLUSION ZONES**

**Effective: April, 26, 2013**

**Revised: April 1, 2016**

**DESCRIPTION**

This work shall consist of the off-site disposal of uncontaminated soil generated by the construction activities of the project from areas outside the pH exclusion zones at a pre-approved Illinois Tollway location, and does not address uncontaminated soil that is targeted for reuse by the Illinois Tollway.

All construction and demolition debris shall be recycled or reused within the job site to the maximum extent possible.

**EXCESS ILLINOIS TOLLWAY UNCONTAMINATED SOIL DISPOSAL PROCEDURES**

The information provided on the IEPA 663 form was developed utilizing the Illinois Tollway's Guidelines for Management of Clean Construction or Demolition Debris (CCDD), Uncontaminated Soil used as fill and Contaminated Soil. The IEPA 663 form will be provided to the Engineer for coordination with the Contractor's chosen regulated receiving facilities. The Contractor is expected to use one or more of the Illinois Tollway's pre-approved uncontaminated soil disposal facilities. The Phase I and or Phase II Environmental Site Assessment is available on the Illinois Tollway's Online Plan Room for use by the Contractor in determining the contract's pre-approved uncontaminated soil disposal facilities. Should a Contractor elect to use an alternate facility for uncontaminated soil disposal, the Contractor shall be responsible for all testing, trucking, and tipping fees for proper disposal of all accepted loads and proper disposal of all rejected loads.

**CONTRACTOR'S RESPONSIBILITY**

Fourteen days prior to earthwork activities, the Contractor shall submit a Material Disposal Plan for review and approval by the Engineer that details quantities of materials and methods of removal and disposal of all materials leaving the site.

It shall be the Contractor's responsibility to select one or more CCDD or Uncontaminated Soil Fill Operation (USFO), if the contractor chooses to dispose of CCDD or uncontaminated soil at a regulated facility. Should the contractor elect to analyze additional pH samples, the contractor shall be responsible for collecting and analyzing the sample. The pH must have a pH between 6.25 and 9.0 to be sent to an CCDD or uncontaminated soil facility. The pH samples shall be collected in areas void of any limestone base, which means a minimum of 2 ft below ground surface, and analyzed by accredited outside laboratory or other method approved by the receiving facility. Soils with an analyzed pH outside this range shall be stockpiled for reuse on the project. No additional soil testing by the Contractor shall be conducted. The Contractor shall stage and transport material to the receiving facility and is responsible for coordination with such facilities on operating hours. Additionally, the Contractor shall verify and record all loads to be transported to a CCDD and USFO with a Photo Ionization Detector (PID) that is calibrated on a daily basis. Only soils with a PID reading at or less than the ambient background reading shall be shipped to a CCDD or USFO.

In the event that the disposal facility rejects the material, the Contractor shall return the material to the project site and stockpile at a location designated by the Engineer.

**METHOD OF MEASUREMENT**

This work will not be measured for payment.

**BASIS OF PAYMENT**

The off-site disposal of uncontaminated soil including pH testing, PID verification, transportation, facility disposal fees and all other work necessary, will not be paid for but is included in the contract unit price per cubic yard of EARTH EXCAVATION. Rejected loads, will be returned to the project site and stockpiled at a location designated by the Engineer, at no additional cost to the Illinois Tollway.

**UNCONTAMINATED SOIL DISPOSAL (Illinois Tollway) REVISED FOR I-18-4392  
FOR SOILS WITHIN THE pH AND ELEVATED PID READINGS EXCLUSION ZONES**

**Effective: April 26, 2013**

**Revised: April 1, 2016**

**Description.** This work shall consist of the off-site disposal of uncontaminated soil generated by the construction activities of the project from the pH and elevated photoionization detector (PID) readings exclusion zones, and does not address uncontaminated soil that is targeted for reuse by the Illinois Tollway.

All construction and demolition debris shall be recycled or reused within the job site to the maximum extent possible.

**Excess Illinois Tollway Uncontaminated Soil Disposal Procedures.** The Tollway has identified Exclusion Zone soils within the IEPA 663 form which were developed utilizing the Illinois Tollway's Guidelines for Management of Clean Construction or Demolition Debris (CCDD), Uncontaminated Soil used as fill and Contaminated Soil. The Exclusion Zone soils are considered "uncontaminated soil" however, are not eligible for disposal at regulated a CCDD or Uncontaminated Soil Fill Operation (USFO). The Contractor is expected to preferentially reuse the Exclusion Zone soils within fill areas identified by the Engineer. Should a Contractor elect to profile the materials for disposal at a landfill facility, the Contractor shall be responsible for all testing, trucking, and tipping fees for proper disposal.

**Contractor's Responsibility.** Fourteen days prior to earthwork activities, the Contractor shall submit a Material Disposal Plan for review and approval by the Engineer that details quantities of materials and methods of removal and disposal of all materials leaving the site.

It shall be the Contractor's responsibility to select one or more offsite locations for the Exclusion Zone soils. Alternatively, the contractor may collect additional pH samples from Exclusion Zone soil area to determine eligibility for disposal at a regulated CCDD or USFO. Should the Contractor elect to analyze additional pH samples, the Contractor shall be responsible for collecting and analyzing a soil sample for pH from the area identified in IEPA Form 663. The pH must be between 6.25 and 9.0 to be considered for disposal at a CCDD or USFO. The pH samples shall be collected in areas void of any limestone base, which means a minimum of 2 ft below ground surface, and analyzed by accredited outside laboratory or other method approved by the receiving facility. No additional soil testing by the Contractor shall be conducted. The Contractor shall stage and transport material to the receiving facility and is responsible for coordination with such facilities on operating hours. The Contractor shall coordinate and gain acceptance from the Engineer and the CCDD or USFO facility at least 14 days prior to earthwork activities. Additionally, the Contractor shall verify and record all loads to be transported to a CCDD or USFO with a Photo Ionization Detector (PID) that is calibrated on a daily basis. Only soils with a PID reading at or less than the ambient background reading shall be shipped to a CCDD or USFO.

In the event that the disposal facility rejects the material, the Contractor shall return the material to the project site and stockpile at a location designated by the Engineer.

**Method of Measurement.** This work will not be measured for payment.

**Basis for Payment.** The off-site disposal of uncontaminated soil including PID verification, transportation, facility disposal fees and all other work necessary, will not be paid for but is included in the contract unit price per cubic yard of EARTH EXCAVATION. Rejected loads, will be returned to the project site and stockpiled at a location designated by the Engineer, at no additional cost to the Illinois Tollway.



## ASPHALT BINDER AND SURFACE COURSE MIXTURES (Illinois Tollway)

**Effective: December 13, 2011**

**Revised: February 15, 2018**

**Description.** This work shall consist of constructing either hot-mix asphalt (HMA) or warm mix asphalt (WMA) binder and/or surface course on a prepared base as required by contract design. When WMA pay items are required by design, an HMA mix may be utilized for special or low tonnage applications in lieu of WMA mixtures upon approval by the Engineer at no additional cost to the Illinois Tollway. When HMA pay items are required by design, a WMA mix may be utilized for special or low tonnage application in lieu of HMA mixtures upon approval by the Engineer at no additional cost to the Illinois Tollway. Work shall be according to Sections 406, 407, 1030 and 1032 of the Standard Specifications except as modified herein.

**Materials.** Article 406.02 of the Standard Specifications shall govern the requirements for materials except as modified herein and in the Illinois Tollway's special provision ASPHALT-TACK COAT.

Revise Article 1030.02(c) of the Standard Specifications to read:

"(c) RAP Material..... Illinois Tollway special provision for Reclaimed Asphalt Pavement"

Replace Article 1030.02(i) of the Standard Specifications with the following:

"(i) Warm Mix Additives / Processes. When a WMA is specified or permitted, the warm mix technology used shall be a recognized additive / process with successful project(s) constructed nationally or internationally that allow for a reduction in the temperature at which the HMA is produced and placed. Warm mix additives/processes that may be considered for Illinois Tollway approval and Contractor use include the following:

- (1) Organic Additives (requiring minor plant modifications)
- (2) Chemical Additives (requiring minor plant modifications)
- (3) Water Injection Foaming Processes (requiring major plant modifications)

The Illinois Tollway maintains an approved list of warm-mix asphalt technologies or processes.

For Binder or Surface mixtures containing more than 20 percent binder replacement, a chemical additive shall be used as the WMA technology.

The Contractor shall ensure that a Technical Representative from the approved warm mix asphalt additive or process manufacturer is present during the first day of production and placement of HMA produced with warm mix technology."

Add the following to Article 1030.02 of the Standard Specifications:

“(k) RAS Material..... Illinois Tollway special provision for Reclaimed Asphalt Shingles”

Revise note 2 or 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 Binder

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 <sup>1</sup>	PG 52-34 <sup>2,3</sup>

1/ DCT (ASTM D7313) value as tested both in design and 1<sup>st</sup> day of production after an approved Test Strip shall meet or exceed 400 J/m<sup>2</sup> when tested at -12 °C. DCT test to be performed by an AMRL certified Laboratory.

2/ PG 46-34 shall be considered an equivalent to PG 52-34

3/ Alternate Grades or Modifiers may be considered with approval of the engineer for mixtures to be used on the shoulder.

N70 Binder and N90 Binder

Reclaimed Material	Binder Replacement %	Asphalt Binder Grade
RAS/RAP/FRAP	0-20	PG 64-22
RAS by itself or with Category 1 or 2 FRAP	21-30	PG 58-22
RAS with Category 1 FRAP	31-40	PG 58-28

# N70 Surface

Reclaimed Material	Binder Replacement %	Asphalt Binder Grade
RAS/RAP/FRAP	0-20	PG 64-22
RAS by itself or with Category 1 or 2 FRAP	21-40	PG 58-28

Add the following to Article 1032.05(b) of the Standard Specifications:

"At the contractor's option, the modified asphalt binder shall be either an SBS/SBR polymerized PG 76-22 binder, or a GTR modified PG 64-22 GTR 12 binder that complies with the requirements defined herein. For any mixture only FRAP / RAP with no RAS, the asphalt binder shall be either an SBS/SBR polymerized PG 70-28 binder or a PG 58-28 GTR 12 binder when the mix design's binder replacement is between 20 percent and 25 percent. For any mixture containing RAS, the asphalt binder shall be an SBS/SBR polymerized PG 70-22 binder or a GTR modified PG 58-22 GTR 12 binder that complies with requirements defined herein when the mix design's binder replacement is 20 percent or less; or shall be an SBS/SBR polymerized PG 70-28 binder or a GTR modified PG 58-28 GTR 12 binder that complies with requirements defined herein when the mix design's binder replacement is greater than 20 percent. This table summarizes these options:

Reclaimed Material	Binder Replacement, %	Asphalt Binder Options
None	0	SBS/SBR PG 76-22 PG 64-22 GTR 12
FRAP / RAP only	Less than 20	SBS/SBR PG 76-22 PG 64-22 GTR 12
	20 to 25	SBS/SBR PG 70-28 PG 58-28 GTR 12
RAS By itself, or with Category 1 or 2 FRAP	Less than 20	SBS/SBR PG 70-22 PG 58-22 GTR 12
	20 to 40	SBS/SBR PG 70-28 PG 58-28 GTR 12

- (1) SBS/SBR PG 76-22, PG 70-22, or PG 70-28 Binder. The SBS/SBR PG 76-22, PG 70-22, or PG 70-28 binder shall meet the requirements of Article 1032.05(b) of the Standard Specifications. In addition, the elastic recovery of the Asphalt Binder used shall be a minimum of 80.
- (2) Ground Tire Rubber (GTR) Binder. The base asphalt cement (AC) that is blended with the Ground Tire Rubber (GTR) shall be a PG 64-22 performance-grade (PG) when used in mix designs with a binder replacement of 20 percent or less, or shall be a PG 58-28 performance-grade (PG) when used in a mix design with a binder replacement greater than 20 percent, meeting the requirements of Article 1032.05 of

the Standard Specifications. The GTR shall be produced from processing automobile and/or truck tires by the ambient grinding method. Heavy equipment tires, uncured or de-vulcanized rubber will not be permitted. The GTR shall not exceed 1/16 in. in length and shall contain no free metal particles. Detection of free metal particles shall be determined by thoroughly passing a magnet through a 2 oz. sample. Metal embedded in rubber particles will be permitted.

The GTR shall be stored in a dry location protected from the rain. When the GTR is combined with the asphalt cement, the moisture content of the GTR shall not cause foaming of the blend.

When tested in accordance with ASTM C-136, Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates, (Illinois-modified AASHTO T-27, Sieve Analysis of Fine and Coarse Aggregates) a 2 oz. sample of the GTR shall conform to the following gradation requirements:

<u>Sieve Size</u>	<u>Percent Passing</u>
No. 8 (2.36 mm)	100
No. 16 (1.18 mm)	98 ± 2
No. 30 (600 µm)	95 ± 5
No. 50 (300 µm)	50 ± 10
No. 100 (150 µm)	10 ± 5
No. 200 (75 µm)	2 ± 2

A mineral powder (such as talc) meeting AASHTO M17, Mineral Filler for Bituminous Paving Mixtures, requirements may be added, up to a maximum of 4% by weight of GTR particles, to reduce sticking and caking of the GTR particles.

GTR shall have a specific gravity of  $1.15 \pm 0.05$  when tested in accordance with ASTM D-1817, Standard Test Method for Rubber Chemicals-Density.

Extender Oils or Polymeric Additions With approval of the Engineer, compatible extender oils and/or polymers may be added to the GTR or to the asphalt-rubber blend. The additional costs for the extender oils and/or polymer additions shall be borne by the Contractor. The Contractor shall provide material product information along with usage rates for approval."

**Equipment.** Add the following to the list of specific references of Article 406.03 of the Standard Specifications.

"(j) RAP Processing Equipment

Illinois Tollway special provision for  
Reclaimed Asphalt Pavement

(k) RAS Processing Equipment

Illinois Tollway special provision for  
Reclaimed Asphalt Shingles"

Add the following to Article 406.02 of the Standard Specifications.

“For the production of WMA binder and surface course mixes, use equipment and WMA technologies capable of producing an asphalt mixture that is workable at the minimum placement and compaction temperature desired, regardless of storage or haul distance considerations.”

Add the following to Article 1030.03 of the Standard Specifications.

“When a mix is produced using an approved warm mix asphalt technology, the asphalt mixing plant shall be modified as required by the additive or process manufacturer to introduce the technology and produce a WMA mixture meeting the volumetric properties specified herein. Plant modifications may include additional plant instrumentation, the installation of asphalt binder foaming systems and/or WMA additive delivery systems, tuning the plant burner and adjusting the flights in order to operate at lower production temperatures and/or reduced tonnage.

All metering devices will meet the current IDOT requirement for liquid or mineral additives. Document the integration of plant controls and interlocks when using WMA additive metering devices.”

**Mixture Design.** Revise Article 1030.04(a)(1) of the Standard Specifications and the Supplemental Specifications to read:

“(1) High ESAL Mixtures. The Job Mix Formula (JMF) shall fall within the following limits.

Sieve Size	IL-19.0 mm <sup>3/</sup>		IL-12.5 mm		IL-9.5 mm	
	min	max	min	max	min	max
1 in. (25 mm)		100				
3/4 in. (19 mm)	90	100		100		
1/2 in. (12.5 mm)	69	89	90	100		100
3/8 in. (9.5 mm)				89	90	100
#4 (4.75 mm)	45	60	28	65	32	69
#8 (2.36 mm)	30	45	28	48	32	52 <sup>2/</sup>
#16 (1.18 mm)	20	35	10	32	10	32
#50 (300 µm)	8	16	4	15	4	15
#100 (150 µm)	6	9	3	10	3	10
#200 (75 µm)	3	6	4	6	4	6
Ratio Dust/Asphalt Binder		1.0		1.0		1.0

1/ Based on percent of total aggregate weight.

2/ The mixture composition shall not exceed 44 percent passing the #8 (2.36 mm) sieve for surface courses with Ndesign = 90.

3/ For mixture IL-19-0 Ndesign = 90, the fine fraction shall consist of at least 67% manufactured sand meeting the FA 20 gradation. The manufactured sand shall be stone sand, slag sand, steel slag sand, or combinations thereof.

Revise the table in Article 1030.04(b)(1) of the Standard Specifications to read:

"VOLUMETRIC REQUIREMENTS High ESAL					
	Design Air Voids Target %	Voids in the Mineral Aggregate (VMA), % minimum			Voids Filled with Asphalt Binder (VFA), %
Ndesign		IL-19.0	IL-12.5	IL-9.5	
50	3.0	13.5	14.0	15.0	65 – 80
70	4.0				65 - 75
90	4.0				

Revise the first and second paragraphs of Article 1030.04(c) of the Standard Specifications to read:

"(c) Determination of Need for Anti-Stripping Additive. The mix designer shall determine if an additive is needed in the mix to prevent stripping. The determination will be made on the basis of moisture sensitivity testing (IL Modified AASHTO T 283) on production ingredient materials sampled at the HMA plant. The results will inform the contractor of the need for an anti-strip additive in the mix based on the following minimums:

- 1) for polymer modified asphalt mix have a conditioned tensile strength of 115 psi or better with no TSR requirements, for non-modified asphalt mix have a conditioned tensile strength of 100 psi or better for 6 in. specimens;
- 2) for polymer modified asphalt mix have a conditioned tensile strength of 100 psi or better with a TSR of 0.85 or better for 6 in. specimens, for non-modified asphalt mix have a conditioned tensile strength of 80 psi or better with a TSR of 0.85 or better for 6 in. specimens;
- 3) any asphalt mix with anti-strip (liquid or lime) conditioned tensile strength may not be lower than the original mix conditioned tensile strength without anti-strip and no visual stripping of the coarse or fine aggregate in the broken faces shall be observed.

If it is determined that an additive is required, the additive may be hydrated lime, slaked quicklime, or a liquid additive, at the Contractor's option."

Add the following to Article 1030.04 of the Standard Specifications:

“(e) Warm Mix Technology. A Warm Mix Technology shall be used with an approved HMA mix design.

The mixture design for any WMA binder or surface course shall be developed based on a lab produced HMA mix design modified as a WMA mix design through trial batch production of the WMA mixture and test strip placements. The original HMA mix design to be modified shall be designed and submitted to the Engineer without including the WMA additive or technology. When a WMA surface or binder course mix using an additive is to be used, document the additive used and recommend the dosage rate on a resubmittal of the original HMA mix design that is to be modified as a WMA mix design. The Illinois Tollway Material Engineer and Contractor will verify the original HMA mix design with any WMA technology based on plant produced samples taken from the WMA test strip. Any needed mix design adjustments will apply to the development of the WMA binder course or surface course mix design.

In addition to the HMA mix design, for WMA mix designs proposed using organic or chemical additives, Hamburg Wheel testing according to Illinois Modified AASHTO T324 shall be conducted on a laboratory mixed sample at the recommended dosage rate. The Hamburg Wheel testing requirements from this sample are:

Asphalt Binder Grade	# Wheel Passes	Maximum Rut Depth, in.
PG 76-XX	20,000	½ inch
PG 70-XX	15,000	½ inch
PG 64-XX	10,000	½ inch
PG 58-XX	10,000	½ inch
PG 52-XX	10,000	½ inch
PG 46-XX	10,000	½ inch

The final adjusted design for the WMA mix design shall be submitted for acceptance with the following information included:

- 1) All information required for Superpave HMA.
- 2) WMA technology and/or WMA additives information.
- 3) WMA technology manufacturer's established recommendations for usage.
- 4) WMA technology manufacturer's established target rate for water and additives, the acceptable variation for production, and documentation showing the impact of excessive production variation.
- 5) WMA technology material safety data sheets (MSDS).
- 6) Documentation of at least 3 past WMA technology field applications including project type, project owner, tonnage, location, mix design, mixture volumetrics, field density, and performance.
- 7) Temperature range for mixing.
- 8) Temperature range for compacting.
- 9) Asphalt binder performance grade test data over the range of WMA additive percentages proposed for use.
- 10) WMA mixture QC/QA test results measured from the test strip samples specific to the Contractor's proposed WMA technology.

- 11) Laboratory test data, samples and sources of all mixture components, and asphalt binder viscosity-temperature relationships.
- 12) Mix production Hamburg test results from WMA test strip.

The Illinois Tollway may accept an existing WMA mixture design with a WMA additive / process previously used on a Illinois Tollway project and may waive the test strip trial batch required to verify the WMA mix design."

**Quality Control / Quality Assurance.** Article 1030.05 of the Standard Specifications shall govern the requirements for Quality Control / Quality Assurance (QC/QA) of HMA and WMA mixtures, with this revision: the correlation coefficient ("r" value) for correlating nuclear gauge densities with core densities shall be greater than 0.85.

**WMA Production.** WMA shall be produced at a temperature range recommended by the additive / process manufacturer and verified through a QC/QA mixture test strip. It may be necessary to initially produce HMA mixes at conventional HMA temperatures immediately before WMA production at lower temperatures in order to prime the plant for proper operating temperatures.

A QC/QA mixture test strip will be required for all WMA mixes. The test strip shall be constructed at a location approved by the Engineer to determine the mix properties, density, and laydown characteristics, and as needed to finalize any proposed mix design. These test results and visual inspections on the mixture shall be used to make corrective adjustments if necessary. For all mixtures produced with a WMA technology, the QC/QA WMA mixture test strip shall be constructed at an approved off-site location to determine the mix properties, density, production temperature target, compaction procedure, and laydown characteristics. A field TSR test of the mix produced for any WMA test strip will be required.

Prior to the start of mix production and placement, The Illinois Tollway Materials Engineer will review and approve all test strip results, WMA mix designs, and rolling pattern.

The test strips will be performed as follows:

- (a) Team Members. The start-up team, if required, shall consist of the following:
  - (1) Resident Engineer
  - (2) Illinois Tollway Project Manager, or representative
  - (3) Illinois Tollway Materials Engineer, or representative
  - (4) Engineer's Nuclear Density Gauge Specialist
  - (5) Contractor's QC Manager
  - (6) Engineer's QA representative
  - (7) Contractor's QC technician
  - (8) AC Supplier representative (Required for GTR, optional for other AC types)
  - (9) Illinois Tollway Independent Assurance Engineer
- (b) Communication. The Contractor shall advise the team members of the anticipated start time of production for the test strip. The QC Manager shall direct the activities of the test strip team. An Illinois Tollway-appointed representative from the start-up team will act as spokesperson for the Illinois Tollway.
- (c) The Test Strip(s) for HMA mixtures shall be in accordance with Article 406.06 of the Standard Specifications. The Test Strip(s) for WMA mixtures shall consist of



approximately 300 tons. It shall contain two growth curves which shall be compacted by a static steel-wheeled roller and tested as outlined herein.

- (1) **Mix Information.** On the day of construction of the Test Strip, the Contractor shall provide the start-up team documentation of test data showing the combined hot-bin or the combined aggregate belt sample and mineral filler at a drier-drum plant.
- (2) **Mix and Gradation Test Strip Samples.** The first and second sets of mixture and gradation samples shall be taken by the Contractor at such times as to represent the mixture between the two growth curves and the rolling pattern area, respectively. All test strip samples shall be processed by the Contractor for determination of mix composition and Superpave properties including air voids. This shall include washed gradation tests. This information shall then be compared to the JMF and required design criteria. Prepare and test any WMA test strip mixtures, including Superpave gyratory compacted specimens for QC/QA using the same test methods, procedures and frequencies as specified for HMA, except that the WMA mixture shall be aged at the production temperature for a period of 2 hours before gyratory or performance based test specimens are compacted.

Hamburg Wheel testing according to Illinois Modified AASHTO T324 shall be conducted from the test strip production mixture. The Hamburg Wheel testing requirements from this sample are:

Asphalt Binder Grade	# Wheel Passes	Maximum Rut Depth, in.
PG 76-XX	20,000	½ inch
PG 70-XX	15,000	½ inch
PG 64-XX	10,000	½ inch
PG 58-XX	10,000	½ inch
PG 52-XX	10,000	½ inch
PG 46-XX	10,000	½ inch

- (3) **Construction of the Test Strip.** After the Contractor has produced the mix, transported the mix, and placed approximately 100 to 150 tons of mix, placement of the mix shall stop, and a growth curve shall be constructed. After completion of the first growth curve, paving shall resume for 50 to 100 tons of mix, placement shall stop, and the second growth curve shall be constructed within this area. Additional growth curves may be required if an adjustment/plant change is made during the test strip. The Contractor shall use the specified rolling procedures for all portions of the test strip except for the growth curve areas which shall be compacted as directed by the Engineer.
- (4) **Location of Test Strip.** The test strip shall be located on a pavement type similar to the contract pavement and acceptable to the Engineer. It shall be on a relatively flat portion of the roadway. Descending/Ascending grades or ramps shall be avoided.
- (5) **Compaction Temperature.** For WMA mixtures, the temperature of the mix at the beginning of the growth curve shall be within the additive / process manufacturer's recommended temperature range for compaction.

- (6) **Compaction and Testing.** The QC Manager will specify the roller(s) speed and number of passes required to obtain a completed growth curve. The nuclear gauge shall be placed near the center of the hot mat and the position marked for future reference. With the bottom of the nuclear gauge and the source rod clean, a 15 seconds nuclear reading (without mineral filler) shall be taken after each pass of the roller. Rolling shall continue until the maximum density is achieved and three consecutive passes show no appreciable increase in density or no evidence of destruction of the mat. The growth curve shall be plotted.
- (7) **Evaluation of Growth Curves.** Mixtures which exhibit density potential less than 94 percent or greater than 97 percent of the maximum theoretical density (D) shall be considered as sufficient cause for mix adjustment. If a mix adjustment is made, an additional test strip may be constructed. The Illinois Tollway will pay half the cost of the contract unit price for a test strip if additional one is required. The information shall then be compared to the AJMF and required design criteria.

If the nuclear density potential of the mixture does not exceed 91 percent, the operation will cease until all test data is analyzed or a new mix design is produced.

In addition, other aspects of the mixture, such as appearance, segregation, texture, or other evidence of mix problems, should be noted and corrective action taken at this time.

- (d) **Documentation.** The WMA test strip and rolling pattern information (including growth curves) will be tabulated by the contractor with copies provided to each team member, and the original submitted to the Engineer. Any change to the rolling pattern shall be approved by the Engineer.

## **CONSTRUCTION REQUIREMENTS**

**Placing.** Article 406.06 of the Standard Specifications shall govern the requirements of HMA and WMA placement except as modified herein:

Revise the first and second paragraphs of Article 406.06(b) of the Standard Specifications to read:

"General. HMA and WMA shall be placed on a clean, dry base and when weather conditions are suitable. The HMA leveling binder and HMA binder courses shall be placed only when the temperature in the shade is at least 40°F and the forecast is for rising temperatures. The HMA surface course shall be placed only when the air temperature in the shade is at least 45°F and the forecast is for rising temperatures. The WMA leveling binder and WMA binder courses shall be placed only when the temperature in the shade is at least 32°F and the forecast is for rising temperatures. The WMA surface course shall be placed only when the air temperature in the shade is at least 35°F and the forecast is for rising temperatures.

The HMA shall be delivered at a temperature of 250 to 350°F. The WMA shall be delivered on dates when the ambient air temperatures during placement will be at least 50° F and rising within a temperature range as established by the WMA additive / process manufacturer and reported by the Contractor to the Engineer with the WMA mix design submittal. The temperature of WMA shall not exceed the manufacturer's recommended maximum placement temperature when measured immediately behind the paver when the air temperature is 50°F

and rising. The WMA shall be delivered at a temperature of 250 to 350°F on dates when the ambient air temperatures during placement will be between the WMA specified minimum temperature and 50°F.”

Revise the first paragraph of Article 406.06(d) of the Standard Specifications to read:

- (d) Lift Thickness. The minimum compacted lift thickness for constructing HMA binder and surface courses shall be as follows, unless otherwise noted on the plans.

**Compaction.** Article 406.07 of the Standard Specifications shall govern the requirements of HMA and WMA compaction except as modified herein:

Add the following paragraph to Article 406.07 of the Standard Specifications:

“Compact WMA immediately after spreading and before the WMA mixture temperature falls below the minimum job mix compaction temperature as recommended by the manufacturer of the WMA technology used. Discontinue paving if the Contractor is unable to achieve the specified density before the mixture cools below the minimum recommended WMA job mix design compaction temperature.”

**Method of Measurement.** This work will be measured in accordance with Article 406.13 of the Standard Specifications.

**Basis of Payment.** This work will be paid for in accordance with Article 406.14 of the Standard Specifications except as modified herein:

Add the following to the second paragraph of Article 406.14 of the Standard Specifications:

“The WMA surfacing will be paid for at the contract unit price per ton for WARM MIX ASPHALT BINDER COURSE, of the mixture composition and Ndesign specified; and WARM MIX ASPHALT SURFACE COURSE, of the friction aggregate mixture and Ndesign specified.”

Replace the third paragraph of Article 406.14 of the Standard Specifications with the following:

“The HMA surfacing in which polymer or GTR modified asphalt binders are required, will be paid for at the contract unit price per ton for MODIFIED HOT-MIX ASPHALT BINDER COURSE, of the mixture composition and Ndesign specified; and MODIFIED HOT-MIX ASPHALT SURFACE COURSE, of the friction aggregate mixture and Ndesign specified.

The WMA surfacing in which polymer or GTR modified asphalt binders are required, will be paid for at the contract unit price per ton for MODIFIED WARM-MIX ASPHALT BINDER COURSE, of the mixture composition and Ndesign specified; and MODIFIED WARM-MIX ASPHALT SURFACE COURSE, of the friction aggregate mixture and Ndesign specified.”

Add the following to Article 406.14 of the Standard Specifications:

“WMA test strips will be evaluated for payment at the contract unit price each for CONSTRUCTING WARM MIX ASPHALT TEST STRIP, according to the following:

- (a) If the WMA placed during the initial test strip is determined to be acceptable, the mixture and test strip will be paid at the contract unit prices.
- (b) If the WMA placed during the initial test strip (1) is determined to be unacceptable to remain in place by the Engineer, and (2) was not produced within the tolerances of the JMF, the initial mixture and test strip will not be paid for and shall be removed at no additional cost to the Illinois Tollway. An additional test strip will be paid for in full, if produced within the JMF tolerances.
- (c) If the WMA placed during the initial test strip (1) is determined to be unacceptable to remain in place by the Engineer, and (2) was produced within the tolerances fo the JMF, the mixture shall be removed. Removal will be paid for according to Article 109.04 of the Tollway Supplemental Specifications. This initial mixture and test strip will be paid for at the contract unit price, and any additional test strips will be paid for at one half the unit price of each test strip.
- (d) If the WMA placed during a test strip is determined to be acceptable to remain in place by the Engineer and the Engineer deems a new start-up is required for any reason, the initial mixture and test strip will be paid for at the contract unit prices. The additional mixture will be paid for at the contract unit price and any additional test strips will be paid for at one-half the unit price for each test strip.
- (e) If the Contractor requests and is granted approval for a mix design other than the initial approved WMA mix design, he/she shall construct a test strip for the new mix design at no additional cost to the Illinois Tollway.

Add the following to Article 406.14 of the Standard Specifications:

"HMA and WMA mixtures will be paid for under its respective item. If permissive use of an HMA mixture in place of a specified WMA mixture is granted by the Engineer, a new pay item will be established for the HMA with the same unit price. If permissive use of a WMA mixture in place of a specified HMA mixture is granted by the Engineer, a new pay item will be established for the WMA with the same unit price."

Pay Item Number	Designation	Unit of Measure
J1406900	CONSTRUCTING WARM-MIX ASPHALT TEST STRIP	EACH

## **RUMBLE STRIP**

### **Description**

This work shall consist of installing shoulder rumble strips in asphalt shoulders as shown in the plans and in accordance with applicable portions of Illinois Tollway Standard Drawing D6 and Section 642 of the Standard Specifications.

### **Method of Measurement**

This work will be measured for payment in feet along the edge of shoulder where rumble strips are installed.

### **Basis of Payment**

This work will be paid for at the contract unit price per foot for ASPHALT SHOULDER RUMBLE STRIP, of the width indicated.

Pay Item Number	Designation	Unit of Measure
J1642014	ASPHALT SHOULDER RUMBLE STRIP, 16 INCH	FOOT

Return With Bid

**ILLINOIS DEPARTMENT  
OF TRANSPORTATION**

**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.:** \_\_\_\_\_

**Company Name:** \_\_\_\_\_

**Contractor's Option:**

Is your company opting to include this special provision as part of the contract?

Yes ☐

No ☐

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

80173



# Capital Program

## MEETING AGENDA

**PURPOSE/PROJECT #:** Optional Pre-Bid Meeting / I-18-4392

**MEETING DATE/TIME:** Thursday November 15, 2018 1:30 PM

**CHAIRPERSON:** Hope Garrett, Tollway

**LOCATION:** Tollway Central Administration Building Conference Room 175.

### AGENDA TOPICS

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- 1.0 **Introductions**
- 2.0 **Scope of Work**
- 3.0 **DBE, VOSB, Bid Credit Cap, & Contractor self-perform.**
- 4.0 **Instructions to bidders**
- 5.0 **Project Schedule**
  - 5.1 Bid Opening – November 30, 2018
  - 5.2 S.P. 103.1 – Contract Completion Date – October 23, 2019
  - 5.3 S.P. 103.2 – Substantial Completion Date – September 20, 2019
  - 5.4 S.P. 103.3 – Interim Completion Date – Thursday May 23, 2019
  - 5.5 S.P. 104 – Notice to Proceed after award/no earlier than February 22, 2018, with work anticipated to start April 1, 2018 (See S.P. 106.1, page J-11)
- 6.0 **Liquidated Damages**
  - 6.1 S.P. 105.1.1 – Contract Completion
  - 6.2 S.P. 105.1.2 – Substantial Completion
  - 6.3 S.P. 105.1.3 – Not Used
- 7.0 **Cooperation with Utilities**
  - 7.1 S.P. 106
  - 7.2 S.P. 115
- 8.0 **Coordination with Agencies**
  - 8.1 S.P. 106.1 – IDOT
  - 8.2 S.P. 106.2 – McHenry County DOT
  - 8.3 S.P. 106.3 – City of Marengo
  - 8.4 S.P. 106.4 - Kane County Forest Preserve
- 9.0 **Coordination with other Contracts**
  - 9.1 S.P. 106.5 – Not Used



# Capital Program

## MEETING AGENDA

**PURPOSE/PROJECT #:** Optional Pre-Bid Meeting / I-18-4392

**MEETING DATE/TIME:** Thursday November 15, 2018 1:30 PM

- 10.0 **Working Hours S.P. 109**
- 11.0 **List of Incidentals to the Pay Items S.P. 110**
- 12.0 **Right of Way Acquisitions S.P. 118**
- 13.0 **Available Geotechnical Information S.P. 119**
  - 13.1 Structural Geotechnical Report
- 14.0 **Available Reports S.P. 120**
  - 14.1 Special Waste Memorandum
  - 14.2 IEPA Form LPC-663
- 15.0 **Maintenance of Traffic/Contractor Access**
  - 15.1 Maintenance of Traffic
  - 15.2 Contractor Access
- 16.0 **Other Special Provisions**
  - 16.1 Embankment
  - 16.2 Earth and Rock Excavation
  - 16.3 Uncontaminated Soil Disposal
- 17.0 **Addendum**
- 18.0 **Bidder Questions Received to Date – Answers will be in the addendum**
  - 18.1 Please review the bills of materials on sheets 418, 419, and 420. The #7 longitudinal bars appear to be over stated.
  - 18.2 There is a worksheet in Volume II of the specs for Bituminous Contract Allowance but no bid form. Is one going to be added by addendum?
- 19.0 **Open Discussion**
  - 19.1 Questions to be sent to Illinois Tollway, attention Hope Garrett, email [hgarrett@getipass.com](mailto:hgarrett@getipass.com) to be received no later than 2:00 pm local time on November 19, 2018





# Capital Program

## MEETING MINUTES

**PURPOSE/PROJECT #:** Optional Pre-Bid Meeting / I-18-4392

**MEETING DATE/TIME:** Thursday November 15, 2018 1:30 PM

**CHAIRPERSON:** Hope Garrett, Tollway

**LOCATION:** Tollway Central Administration Building Conference Room 175

**To:** Distribution and All Attendees (See Sign-in Sheet)

Names	Initials	Title	Organization	Email Address
See Sign In Sheet				

**Prepared By:** Sean LaDieu – HR Green, Inc.

**Issue Date:** November 21, 2018

Meeting Called to Order at 1:30

Item No.	Item Description	Responsibility	Due Date
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- 1.0 **Introductions** – Hope Garrett (HG) introduced herself and the meeting attendees introduced themselves. The meeting is an optional pre-bid meeting for the project – Interchange Construction, Jane Addams Memorial Tollway I-90 at IL Rt 23. Everyone was reminded to fill out the sign in sheet.

- 2.0 **Scope of Work**  
HG went over S.P. 101 and the A-1 Page. The project includes construction of a new eastbound off ramp from I-90 to IL 23, a new eastbound on ramp from IL 23 to I-90, a new westbound off ramp from I-90 to IL 23, and a new westbound on ramp from IL 23 to I-90; reconstruction and widening of IL 23 and Harmony Rd; reconstruction of the IL 23 and Harmony Road intersection to a roundabout intersection; construction of new toll plazas and buildings on ramps A, C, and D; construction of new lighting, drainage improvements, guardrail, and landscaping; erosion and sediment control; maintenance of traffic; and other miscellaneous work.

Location: The work under this Contract is to be performed on the Jane Addams Memorial Tollway (I-90) between Mile Post 35.5 and Mile Post 36.5 and along Illinois Route 23 (IL 23) from just north of Harmony Rd to just south of Coon Creek Rd in McHenry County, Illinois.

The bid opening is scheduled for November 30, 2018. Questions will be received through 2:00 PM local time on Monday, November 19, 2018. Due to the Thanksgiving holiday and our need to get the addendum out, no late questions will be accepted or answered. Make sure to send your questions by email to [hgarrett@getipass.com](mailto:hgarrett@getipass.com). Do not call and leave a voicemail.

An addendum including the minutes to this meeting and answers to any questions received will be issued on November 21, 2018.



# Capital Program

## MEETING MINUTES

**PURPOSE/PROJECT #:** Optional Pre-Bid Meeting / I-18-4392

**MEETING DATE/TIME:** Thursday November 15, 2018 1:30 PM

- 3.0 **DBE, VOSB, Bid Credit Cap, & Contractor Self Perform.**  
DBE Goal is 24%; VOSB Goal is 2%; ECP Credit Cap is \$325,000.00; EEO Goals include at least 6.9% women and 19.6% minority goal; Contractor Self-Perform is 35%
- 4.0 **Instructions to bidders** – HG called attention to the instructions and information to bidders included in Volume 1 on the contract requirements, pages I-1 through I-10. Each of the instructions to Bidders pages is important and must be read.  
  
The following statement was read: “Disclosures and Certifications for Contractor(s) and sub-contractor(s): Must be included with bid, otherwise the bid will be deemed non-responsive. Review the section of the VOLUME I, REQUIRED DOCUMENTS, pages on INSTRUCTIONS AND INFORMATION TO BIDDERS for additional information.”
- 5.0 **Project Schedule**
  - 5.1 Bid Opening – November 30, 2018
  - 5.2 S.P. 103.1 – Contract Completion Date – October 23, 2019
  - 5.3 S.P. 103.2 – Substantial Completion Date – September 20, 2019
  - 5.4 S.P. 103.3 – Interim Completion Date – Thursday May 23, 2019
  - 5.5 S.P. 104 – Notice to Proceed after award/no earlier than February 22, 2018, with work anticipated to start April 1, 2018 (See S.P. 106.1, page J-11)
- 6.0 **Liquidated Damages**
  - 6.1 S.P. 105.1.1 – Contract Completion, \$9000 per day for S.P. 103.1
  - 6.2 S.P. 105.1.2 – Substantial Completion, \$9000 per day for S.P. 103.2
  - 6.3 S.P. 105.1.3 – Not Used
- 7.0 **Cooperation with Utilities**
  - 7.1 S.P. 106 – There is a utility matrix on plan sheet 205 and the suggested schedule on plan sheets 6-7 which gives further detail. There are utility relocations and areas of utility watch and protect.
  - 7.2 S.P. 115 – HG explained that Tollway utilities do not fall under the JULIE system and the contractor must follow the Tollway locate process on page J-42 by completing the online form A-36 in addition to the JULIE locate process.
- 8.0 **Coordination with Agencies**
  - 8.1 S.P. 106.1 – IDOT
  - 8.2 S.P. 106.2 – McHenry County DOT
  - 8.3 S.P. 106.3 – City of Marengo
  - 8.4 S.P. 106.4 - Kane County Forest Preserve – page J-13 – HG read S.P. 106.4, Kane County Forest Preserve – Settler’s Hill Cross Country Course Surplus Earth Management
- 9.0 **Coordination with other Contracts**
  - 9.1 S.P. 106.5 – Not Used



# Capital Program

## MEETING MINUTES

**PURPOSE/PROJECT #:** Optional Pre-Bid Meeting / I-18-4392

**MEETING DATE/TIME:** Thursday November 15, 2018 1:30 PM

- 10.0 **Working Hours** – HG stated that working hours are covered under S.P. 109 – page J-16, The contractor must follow any local restrictions.
- 11.0 **List of Incidentals to the Pay Items S.P. 110** – HG reminded all to note the incidental items to the various Pay Item No.'s on page J-16.
- 12.0 **Right of Way Acquisitions S.P. 118** – Projected Right-of-Way Acquisition Dates of 6-1-2019 for each parcel are provided. The Contractor's bid proposal shall have been submitted with the understanding that access to the proposed right-of-way and easements are not guaranteed any earlier than the date indicated.
- 13.0 **Available Geotechnical Information – S.P. 119, page J-46**
  - 13.1 Structural Geotechnical Report is available in online plan room.
- 14.0 **Available Reports – S.P. 120**
  - 14.1 Special Waste Memorandum is available in online plan room.
  - 14.2 IEPA Form LPC-663 will be available in the meeting minutes in the addendum. (Direction received after the meeting revised this approach to include only the supporting documentation to the LPC-663 form, including soil analytical data. The LPC-663 form will be provided after NTP.)
- 15.0 **Maintenance of Traffic/Contractor Access** – sheets 64-127. Please familiarize yourself with the MOT. There are many stages and sub-stages. In particular, Stage IA includes an interim completion date of 12:00 noon on Thursday, May 23, 2019.
  - 15.1 Maintenance of Traffic – page J-144
  - 15.2 Contractor Access – page J-146
- 16.0 **Other Special Provisions**
  - 16.1 Embankment - page J-49
  - 16.2 Earth and Rock Excavation – page J-53
  - 16.3 Uncontaminated Soil Disposal – page J-55
- 17.0 **Addendum** – There will be an addendum issued next week including the minutes to this meeting and answers to any questions we received, as well as a few plan and spec changes.
- 18.0 **Bidder Questions Received to Date – Answers will be in the addendum**
  - 18.1 Please review the bills of materials on sheets 418, 419, and 420. The #7 longitudinal bars appear to be over stated.
  - 18.2 There is a worksheet in Volume II of the specs for Bituminous Contract Allowance but no bid form.
- 19.0 **Open Discussion**
  - 19.1 Questions to be sent to Illinois Tollway, attention Hope Garrett, email [hgarrett@getipass.com](mailto:hgarrett@getipass.com) to be received no later than 2:00 pm local time on November 19, 2018
  - 19.2 Bid opening is on November 30, 2018 at 10:30AM



# Capital Program

## MEETING MINUTES

**PURPOSE/PROJECT #:** Optional Pre-Bid Meeting / I-18-4392

**MEETING DATE/TIME:** Thursday November 15, 2018 1:30 PM

- 19.3 Questions received during the meeting (**Answers not provided at the meeting have been included with the Responses to Requests for Information Received from Plan Holders**):

Question No 1:

What is the bid credit cap being used as it is shown as \$325,000 on page P-4 and shown as \$250,000 on page P-19.

Answer No. 1:

See Responses to Requests for Information Received from Plan Holders.

Question No 2:

Where can one find Veteran subcontractors.

Answer No. 2:

Vendors may consult CMS' Veteran Small Business Vendor Directory at [www.sell2.illinois.gov/cms/business](http://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**. The Tollway has provided waivers in the past when a good faith effort has been demonstrated.

Question No. 3:

What if the contractor cannot find enough Veteran participation?

Answer No. 3:

The special provisions provide for award of contracts to bidders who either meet the established DBE and Veteran goals or demonstrate good faith efforts to do so. If a potential bidder cannot obtain sufficient DBE and/or Veteran participation to meet the contract goals, the bidder must document its efforts via the DBE and/or VOSB Form 2023 Demonstration of Good Faith Efforts. For further assistance, please refer to the DBE and/or Veteran Special Provisions regarding the good faith efforts/waiver process.

Reference the Veteran Small Business Participation and Utilization Plan found in Volume 1 of the specifications, and VOSB Form 2023 Demonstration of Good Faith Efforts to Achieve VOSB Construction Subcontracting Goal.

Question No. 4:

Has the Tollway granted any waivers on Veteran participation?

Answer No. 4:

Yes

Question No. 5:

On the P-Pages there are allowances with unit quantities but not the dollar amounts and there is not unit cost for the Contractor's Quality Program.



# Capital Program

## MEETING MINUTES

**PURPOSE/PROJECT #:** Optional Pre-Bid Meeting / I-18-4392

**MEETING DATE/TIME:** Thursday November 15, 2018 1:30 PM

Answer No. 5:

*See Responses to Requests for Information Received from Plan Holders.*

Question No. 6:

Is the existing topographic information available for the infield areas?

Answer No. 6:

*See Responses to Requests for Information Received from Plan Holders.*

Question No. 7:

Will test strips for asphalt be used and are rumble strips being used?

Answer No. 7:

*See Responses to Requests for Information Received from Plan Holders.*

Question No. 8:

For the IDOT mixes, will the QC/QA with uncorrelated gauges be sufficient since the IDOT spec is being followed in these areas?

Answer No. 8:

*See Responses to Requests for Information Received from Plan Holders.*

Question No. 9:

Will 10 ¾ shoulder stamped colored TL mix or standard IDOT PV mix be used?

Answer No. 9:

*See Responses to Requests for Information Received from Plan Holders.*

Question No. 10:

Can this bid be pushed to a later date due to two contract openings occurring on the same date?

Answer No. 10:

*See Responses to Requests for Information Received from Plan Holders.*



## SIGN-IN SHEET

PURPOSE/PROJECT #: Pre-Bid Meeting - I-18-4392 - IL 23 at I-90

MEETING DATE/TIME: November 15, 2018 - 1:30 pm

CHAIRPERSON: Hope Garrett, PE

LOCATION: Central Administration Building  
2700 Ogden Avenue, Downers Grove  
Conference Room # 175

### ATTENDEES

	Name	Title	Company/ Organization	Phone Number	Email
1.	Hope Garrett	Tollway - PM	Tollway	331-238-4942	hgarrett@getipass.com
2.	Sean LaDieu	PM	HR Green	630.708.5008	sladieu@hrgreen.com
3.	Bob Bensinger	GC	Gurran	224-828-3416	bbensinger@currancontracting.com
4.	DAN LICHTENBERG	ESTIMATOR	BERGER STAMM	847-526-5157	DAN@BERGERSTAMM.COM
5.	Mark Messing	Sales	Vulcan	815/847-0222	messing@vulcanmail.com
6.	CRAIG MANDEL	ESTIMATOR	MAATAM	847-608-6800	CRAIG@MAATAM.COM
7.	Joe Francis	PM	Curran	815-751-2024	jfrancis@currancontracting.com
8.	Goray Berg	ESTIMATOR	WILLIAM CHARLES CONSTRUCTION	857-654-4700	ESTIMATING@WILLIAMCHARLESCONSTRUCTION.COM
9.	Dave Novotny	PM	Benchmark	847-857-9738	dnovotny@bnk8.com
10.	Kristen Hamilton	TW Div.	TW	630-241-4809	khamilton@getipass.com
11.	Bill Anthony Sr.	Sales Exec	AQS	630-789-3345	aqssales@comcast.net
12.	Mustafa Hassoun	DPK	Tollway	650-399-6489	mhassoun@getipass.com
13.	Jim Kowalewski	SR. ESTIMATOR	FH PASCHEN	773-444-3474	JKOWALEWSKI@FH-PASCHEN.COM
14.	John Stevens	PMO (CONSTRUCTION)	PMO	630-210-4421	jstevens@getipass.com
15.	Jim Mayer	Eng Mgr	PMO	312-402-0984	jmayer@getipass.com
16.					





A Subsidiary of GZA

GEOTECHNICAL  
ENVIRONMENTAL  
ECOLOGICAL  
WATER  
CONSTRUCTION  
MANAGEMENT

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To: Mr. Bryan Wagner, Illinois State Toll Highway Authority  
From: Jeremy J. Reynolds, P.G. and Shane Cuplin, P.G.  
Date: November 19, 2018  
Re: CCDD LPC-663 Information – Jane Addams Memorial Tollway (I-90) at Route 23 Ramp  
Contract No. I-18-4392

Huff & Huff, Inc., a subsidiary of GZA GeoEnvironmental (H&H) provided services in support of a Form LPC-663 for the spoils to be generated from proposed ramp improvements within the northeast quadrant of the intersection of the Jane Addams Memorial Tollway (I-90) and Route 23 in Riley Township, McHenry County, Illinois (Project Area), as depicted in the attached figures. Based on engineering estimates provided by others, approximately 110,000 cubic yards of material is anticipated to require off-site disposal. While the overall project improvements are anticipated to generate a larger volume of soil from other areas of improvements, those soils have been identified for reuse by the Site Owner.

Due diligence was completed for the Project Area which included reviewing a database/records search report, historic aerial photographs, historic topographic maps, and conducting a site visit. On September 18, 2018, H&H advanced a total of ten (10) soil borings within the Project Area to depths ranging from 15 feet below ground surface (bgs) to 25 feet bgs, corresponding to the local topography within the Project Area and the depth range of the planned improvements. The soil samples were screened using a photoionization detector (PID) meter in the field.

Based on due diligence performed for the Project Area, there was one (1) Potentially Impacted Property (PIP) identified, which corresponds to the current stockpiled material within the Project Area, as well as the unknown origin of the fill material historically placed along I-90 and within the Project Area during previous site grading activities. Supplemental information and analytical testing which best reflects the anticipated spoils to be generated within the Project Area is attached.

It should be noted that a Clean Construction or Demolition Debris (CCDD) *Sampling Protocol* was submitted to Beverly Materials/Plote Construction in Hoffman Estates and also Melms Sand & Gravel in Hampshire prior to sampling. Both of the submittals were dated September 11, 2018 and were subsequently approved by each facility. Based on the approved *CCDD Sampling Protocol*, samples were analyzed at a rate of one sample per 5,000 cubic yards of material to be disposed. A total of twenty-two (22) samples were submitted to the laboratory for further analysis from ten (10) soil borings. Laboratory analysis consisted of the full Maximum Allowable Concentration (MAC) list, which includes the following analytical suites: volatile organic compounds (VOCs); semi-volatile organic compounds (SVOCs); total metals (23); polychlorinated biphenyls (PCBs); pesticides (and semi-volatile pesticides); herbicides; cyanide (total); sulfate; nitrate+nitrite (as N); fluoride; chloride; and soil pH.

Based on analytical results from the 10 boring locations, the samples analyzed achieve the Maximum Allowable Concentrations (MACs) for CCDD disposal for VOCs, SVOCs, total metals (23 total), pesticides/ herbicides, and PCBs. Soil pH results for the samples analyzed were within the required range for CCDD disposal (6.25 to 9.00), except for samples SB-1 (7-9') and SB-9 (0-1'). Spoils to be generated from the Project Corridor achieve the CCDD requirements and are certified for disposal using an LPC-663 form, **with exception to the CCDD Exclusion Areas**, as depicted on the attached figure (Figure 2). Spoils generated within the CCDD



November 19, 2018

CCDD Information

Illinois State Toll Highway Authority (ISTHA) Contract No. I-18-4392

I-90/Route 23 Ramp Improvements

Exclusion Areas are not considered eligible for CCDD disposal and should be considered for disposal in a Subtitle D sanitary landfill or may be reused on site.

Should conditions within the Project Area change based on screening and observations during excavation/site grading activities, such as unusual staining, odors, or if loads become rejected, additional analytical assessment may be required for final disposition of spoils from this Project Area. If you have any questions regarding this matter, please contact us at 630-684-9100.

[Redacted Signature]  
Jeremy J. Reynolds, P.G.  
Associate Principal

[Redacted Signature]  
Shane Cuplin, P.G.  
Senior Project Manager





### Uncontaminated Soil Certification

by Licensed Professional Engineer or Licensed Professional Geologist for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation.

Owner: Illinois State Toll Highway Authority (ISTHA)

Project Name: ISTHA Jane Addams Memorial Tollway (I-90) at Route 23 Ramp I-18-4392

### III. Basis for Certification and Attachments

Explain the basis upon which you are certifying that the soil from this site is uncontaminated soil.

This form pertains to excavated soils to be generated from ramp improvements within the northeast quadrant of the intersection of the Jane Adams Memorial Tollway (I-90) and Route 23 in Riley Township, McHenry County, Illinois (Project Area). The Project Area location is depicted in **Attachment A**. The latitude/longitude (decimal degrees) in the approximate center of the Project Area is 42.178038, -88.615611. The total depth of excavation is expected to terminate within approximately 25 feet below ground surface (bgs) within the stockpile areas (near SB-1 and SB-2) and approximately 15 feet bgs in the remaining portions of the Project Area.

#### Historic Aerials

Aerial photographs of the Project Area from 1939, 1953, 1958, 1975, 1988, 1994, 1998, 2005, 2007, 2009, 2010, 2011, 2012, 2014, 2015, and 2017 were reviewed. Refer to **Attachment E** for copies of the historic aerial photographs.

#### 1939

In the 1939 historic aerial photograph, the Project Area is undeveloped farm land, with Route 23 and Route 31 (Harmony Road) depicted. Coon Creek Road is also depicted at the southern end of the aerial photograph. There are residential/agricultural structures noted at the southeast corner of Route 23 and Harmony Road, along the south side of Harmony Road, east of Route 23, and along the southeastern portion of the Project Area.

#### 1953

In the 1953 aerial photograph, the Project Area and surrounding land is depicted essentially unchanged, except for a new residential/agricultural structure noted at the northeastern corner of Route 23 and Harmony Road.

#### 1958

The Jane Addams Tollway (I-90) is depicted as under construction, or just completed, in the 1958 aerial photograph. The remaining Project Area appears essentially unchanged.

#### 1975

The 1975 aerial photograph depicts the Project Area as mostly unchanged from earlier aerial photographs. The property at the northeastern corner of Route 23 and Harmony Road is depicted with additional structures and slightly more land disturbance when compared to the 1953 and 1958 aerial photographs.



#### 1988

The 1988 aerial photograph depicts the Project Area as essentially unchanged from earlier aerial photographs.

#### 1994

The 1994 aerial photograph depicts the Project Area as essentially unchanged from earlier aerial photographs. Further development and land use is noted within the property located at the northeast corner of Route 23 and Harmony Road.

#### 1998

The 1998 aerial photograph depicts the Project Area as mostly unchanged from earlier aerial photographs. Extensive land disturbance and a new private farm road is depicted between Harmony Road and I-90, east of the Project Area.

#### 2005

The 2005 aerial photograph depicts the Project Area as mostly unchanged from earlier aerial photographs. A detention pond is depicted within the property located between Harmony Road and I-90, east of the Project Area.

#### 2007-2012

The 2007, 2009, 2010, 2011, and 2012 aerial photographs depict the Project Area as essentially unchanged from earlier aerial photographs and as was noted during site reconnaissance and sampling activities.

#### 2014-2017

The 2014, 2015, and 2017 aerial photographs depict land disturbance and site grading activities within the Project Area. Areas surrounding the Project Area are depicted as essentially unchanged from earlier aerial photographs.

#### Records Search

An environmental database review was prepared by Environmental Risk Information Services (ERIS) on August 27, 2018. There were two (2) database listings identified adjacent to or within 500 feet of the Project Area. Sites located greater than 500 feet from the Project Area are not considered to be of concern to the project improvements and are therefore not discussed further. Refer to the database report included in **Attachment C** for further details.

Site Name	Site ID	Address	Distance/Direction	Database/Reason(s)	PIP?
AT&T Mobility	1	21303 Harmony Road, Marengo	~330 feet, NE	AST	No
Lisson Dump	2	Riley TWP, IL	~1,000 feet, N	NIPC (Solid Waste Disposal Site)	No
ISTHA Fill Material of Unknown Origin	N/A	Project Area	Site	H&H Defined: Unknown Fill Material used within Project Area	Yes





#### AT&T Mobility – 21303 Harmony Rd., Marengo, IL

The site located at 21303 Harmony Road in Marengo, Illinois was listed under the name “AT&T Mobility” and is approximately 330 feet northeast of the Project Area. The site was listed in the Aboveground Storage Tank (AST) database with the type listed as “059-Above Ground Bulk Storage”. The contents of the tank are not listed. Based on the separation distance from the Project Area, this site is **not** considered to be a PIP.

#### Lisson Dump – Riley TWP, IL

The site located within the Riley Township, Illinois was listed under the name “Lisson Dump” and is approximately 1,000 feet north of the Project Area, based on review of the Northeastern Illinois Planning Commission (NIPC) Solid Waste Disposal Sites map. The site was listed in the NIPC database. According to the NIPC map and inventory for McHenry County, Lisson Dump is listed under NIPC Map # 381 and under IEPA No. 11119999999. The site location is listed as 43N Township, Range 05E, Section 23, 1<sup>st</sup> Southeast (SE), 2<sup>nd</sup> Southwest (SW). Due to the inaccuracy of the NIPC map site locations (sites are placed within quarter sections, which are accurate to within 2,500 feet), the specific location of the site is unknown. Review of historic aerial photographs depict operations and slight soil/land disturbance at the northeastern quadrant of Route 23 and Harmony Road; however, visual evidence of solid waste disposal on the property is not depicted. Based on review of historic aerial photographs, the location of Lisson Dump was likely north of Harmony Road, which is approximately 1,000 feet north of the Project Area. Based on the separation distance from the Project Area, this site is **not** considered to be a PIP.

#### ISTHA – Fill Material of Unknown Origin

The Project Area is **generally considered a PIP**, due to the unknown origin of fill material historically used along the roadway right-of-way (ROW) and surrounding areas during initial construction and grading activities.

The National Pipeline Mapping Service (NPMS) web portal was reviewed for potential petroleum or natural gas pipelines near the Project Area. The closest pipeline (natural gas) was identified approximately 2 miles west (trending north-south) and another pipeline (natural gas) approximately 1.9 miles north (trending east-west) of the Project Area. The NPMS map is included in **Attachment D** for reference.

#### Analytical Summary

On September 18, 2018, H&H advanced a total of ten (10) soil borings within the Project Area to depths ranging from 15 feet bgs to 25 feet bgs, corresponding to the local topography of the Project Area and depth range of the planned improvements, as displayed on the figure included in **Attachment A**. The ten soil borings were advanced for soil management and characterization purposes. Samples were screened with a photoionization (PID) meter with readings at low levels, ranging from 0.0 ppm to 5.7 ppm for the soil screened. The background PID readings from a clean, empty Ziploc® plastic baggy ranged from 0.0 ppm to 1.4 ppm on 9/18/2018.





Table B-1 included in **Attachment B** summarizes the analyses conducted for each sample. Each sample submitted for analysis was analyzed for the full MAC list, which includes the following: volatile organic compounds (VOCs); semi-volatile organic compounds (SVOCs); total metals (24); polychlorinated biphenyls (PCBs); pesticides (and semi-volatile pesticides); herbicides; cyanide (total); sulfate; nitrate+nitrite (as N); fluoride; chloride; and soil pH.

#### VOCs Results

Table B-2 included in **Attachment B** summarizes the VOC results for each sample analyzed. Three (3) samples [SB-9 (5-7'), SB-10 (1-3'), and SB-10 (9-11')] had results that were detected above the laboratory reporting limit for one or more VOCs, including acetone, benzene, carbon disulfide, toluene, and xylenes (total). The detected concentrations were below their respective MAC values for each sample, indicating samples achieve the MACs for VOCs. The remaining samples did not have results above the laboratory reporting limits, indicating samples analyzed achieve the MACs for VOCs. Table B-2 (in Attachment B) summarizes the VOC detections (result in **bold**) for the samples analyzed. Laboratory testing results indicated achievement of the MACs.

#### SVOCs Results

Table B-3 included in **Attachment B** summarizes the SVOC results for each sample analyzed. There were no samples which had SVOC results above the laboratory reporting limits, indicating samples achieve the MACs for SVOCs. Table B-3 summarizes the SVOC results for the samples analyzed. Laboratory testing results indicated achievement of the MACs.

#### Metals Results

Table B-4 included in **Attachment B** summarizes the total metals results for each sample analyzed. The following samples had metals results which exceeded their respective MACs:

- SB-1 (7-9'):
  - Chromium (24.2 mg/kg) exceeded the MAC for a facility within a Metropolitan Statistical Area (MSA)<sup>1</sup> county and outside of a MSA county; however, Toxicity Characteristic Leaching Procedure (TCLP)<sup>2</sup> chromium result (<0.005 mg/kg) achieved the MAC.
- SB-2 (19-21'):
  - Iron (15,300 mg/kg) exceeded the MAC outside of a MSA county; however, the iron result achieves the MAC within a MSA county.
- SB-6 (7-9'):
  - Iron (19,900 mg/kg) exceeded the MAC within a MSA county and outside of a MSA county; however, TCLP iron result (<0.1 mg/kg) achieved the MAC.
- SB-10 (9-11'):

<sup>1</sup> Counties within Metropolitan Statistical Areas: Boone, Champaign, Clinton, Cook, DuPage, Grundy, Henry, Jersey, Kane, Kankakee, Kendall, Lake, Macon, Madison, McHenry, McLean, Menard, Monroe, Peoria, Rock Island, Sangamon, St. Clair, Tazewell, Will, Winnebago and Woodford.

<sup>2</sup> As an alternative to the MAC, compliance verification of select metals may be determined by comparing the TCLP or Synthetic Precipitation Leaching Procedure (SPLP) result to the respective TACO Class I Soil Component of the Groundwater Ingestion Exposure route objective, as stipulated in 35 IAC 742, Appendix B, Table A.





- Chromium (22.7 mg/kg) exceeded the MAC within a MSA county and outside of a MSA county; however, TCLP chromium result (<0.005 mg/kg) achieved the MAC.

Based on TCLP results for samples which had total metals results exceeding the respective MAC, samples SB-1 (7-9'), SB-6 (7-9'), and SB-10 (9-11') achieve the MACs for chromium and/or iron. The remaining samples had constituents that were either not detected above the laboratory reporting limit, or had detections which were below the respective MACs, indicating that each sample achieves the MACs for the metals analyzed. Table B-4 (in Attachment B) summarizes the total metals detections (result in **bold**) and results which exceed the respective MAC value (result **bolded/shaded**). Laboratory testing results indicated achievement of the MACs.

#### Pesticides/Herbicides Results

Table B-5 included in **Attachment B** summarizes the pesticides and herbicides results for each sample analyzed. There were no samples which had pesticides or herbicides results above the laboratory reporting limits, indicating samples achieve the MACs for pesticides and herbicides. Table B-5 summarizes the pesticides/ herbicides results for the samples analyzed. Laboratory testing results indicated achievement of the MACs.

#### PCBs Results

Tables B-6 included in **Attachment B** summarizes the PCB results for each sample analyzed. None of the samples analyzed had results that were above the laboratory reporting limits, indicating samples achieve the MACs for PCBs. Laboratory testing results indicated achievement of the MACs.

#### Chloride/Cyanide/Fluoride/Nitrate+Nitrite/Sulfate Results

Table B-7 included in **Attachment B** summarizes the chloride/cyanide/fluoride/nitrate+nitrate (as N)/sulfate results for each sample analyzed. Each sample had chloride results which were detected above the laboratory reporting limits; however, results were below the MAC for chloride, indicating each sample achieves the MAC for chloride. One (1) sample [SB-8 (1-3')] had a total cyanide result that was detected above the laboratory reporting limit at 0.14 mg/kg; however, the result was below the MAC for cyanide (40 mg/kg), indicating sample SB-8 (1-3') achieves the MAC for cyanide. The remaining samples did not have detections for the remaining constituents, indicating samples analyzed achieve the MACs for chloride/ cyanide/ fluoride/ nitrate+nitrate (as N)/ sulfate. Table B-7 (in Attachment B) summarizes the results for the samples analyzed. Laboratory testing results indicated achievement of the MACs.

#### Soil pH Results & PID Screening

Soil pH was analyzed at the intervals presented in Table B-8, which is included in **Attachment B**. Soil pH results were within the acceptable range for CCDD disposal of 6.25 to 9.00 for each sample analyzed, except for samples SB-1 (7-9') and SB-9 (0-1'). PID readings were at or near background levels in most borings, ranging from 0.0 ppm to 2.8 ppm (background PID was 1.4 ppm); however, select borings (SB-7, SB-9, and SB-10) exhibited elevated PID readings, ranging from 0.8 to 5.7 ppm. Table B-8 (in Attachment B) summarizes the PID screening and soil pH results (results outside of the acceptable range for CCDD disposal presented in **bold/shaded** text) for the samples analyzed. Laboratory testing results indicated





achievement of the required range for CCDD disposal (6.25 to 9.00), except for samples SB-1 (7-9') and SB-9 (0-1'). Additionally, due to the elevated PID readings noted in borings SB-7 (0-12'), SB-9 (0-15'), and SB-10 (0-10') soils in the vicinity of those borings are also associated with exclusion zones. Soils near SB-9 are considered CCDD ineligible due to the pH results; however, were also noted to exhibit PID readings above background levels.

The laboratory analytical reports are included in **Attachment C** for reference. The ERIS database report, NPMS map, and NIPC map/inventory for McHenry County are included in **Attachment D**. The historic aerial photographs and historic topographic maps are included in **Attachment E**. A photo log of the sampling activities is included in **Attachment F** and soil boring logs are included in **Attachment G**.

### CCDD Determination

Based on due diligence performed for the Project Area (review of historical aerial photographs, historic topographic maps, National Pipeline Mapping Service for natural gas and petroleum pipelines, and database/records search), there was one PIP initially identified near or adjacent to the Project Area. Due to the unknown origin of fill material historically used along the Tollway, the Project Area (to the maximum planned excavation) is considered to be a PIP. Laboratory analyses were conducted on samples collected within the Project Area to determine achievement of the MACs for CCDD disposal. Based on analytical testing on samples collected within the Project Area, the anticipated material generated from the Project Area is certified for disposal at a CCDD facility or USFO facility, *except for the areas determined to be within CCDD Exclusion Areas, as discussed below*. Soils from within the CCDD Exclusion Areas are ineligible for disposal at a CCDD or USFO facility and therefore must be disposed of at a Subtitle D sanitary landfill or may be reused on site. Refer to the figure included in Attachment A for a depiction of the CCDD Exclusion Areas. Please note that the area of reclaimed asphalt pavement that occupies the entry drive to the Project Area from Route 23 (northwestern extent of the Project Area) is also considered ineligible for CCDD disposal. It is assumed that the area of reclaimed pavement will be segregated prior to transportation off site.

### CCDD Exclusion Areas:

- **SB-1 (7-9')**: Failed the pH requirement for CCDD disposal (pH result of 10.49). Based on additional testing from depth intervals above and below the 7-9' interval, [pH results of 8.46 for the 5-7' interval and 8.84 for the 13-15' interval], the depth interval which is ineligible for CCDD disposal includes 7-13 feet bgs. Spoils from this interval is ineligible for CCDD disposal; however, spoils from SB-1 (7-13') may be reused on site.
- **SB-7 (0-12')**: PID readings elevated above background were encountered to depths of approximately 12 feet bgs. Based on the PID readings, the depth interval which is ineligible for CCDD disposal includes 0-12 feet bgs.
- **SB-9 (0-15')**: PID readings elevated above background were encountered to depths of approximately 15 feet bgs. The boring also failed the pH requirement for CCDD disposal (pH result of 10.49) to depths of approximately 5 feet bgs. Based on the pH results and PID screening, the depth interval which is ineligible for CCDD disposal includes 0-15 feet bgs. Spoils from this interval is ineligible for CCDD disposal; however, spoils from SB-9 (0-12') may be reused on site.
- **SB-7 (0-10')**: PID readings elevated above background were encountered to depths of approximately 10 feet bgs. Based on the PID readings, the depth interval which is ineligible for CCDD disposal includes 0-10 feet bgs.



Should conditions within the Project Area change, such as unusual staining, odors, or if loads become rejected, additional analytical assessment may be required for final disposition of spoils from this Project Corridor. If you have any questions regarding this matter, please contact us at 630-684-9100.

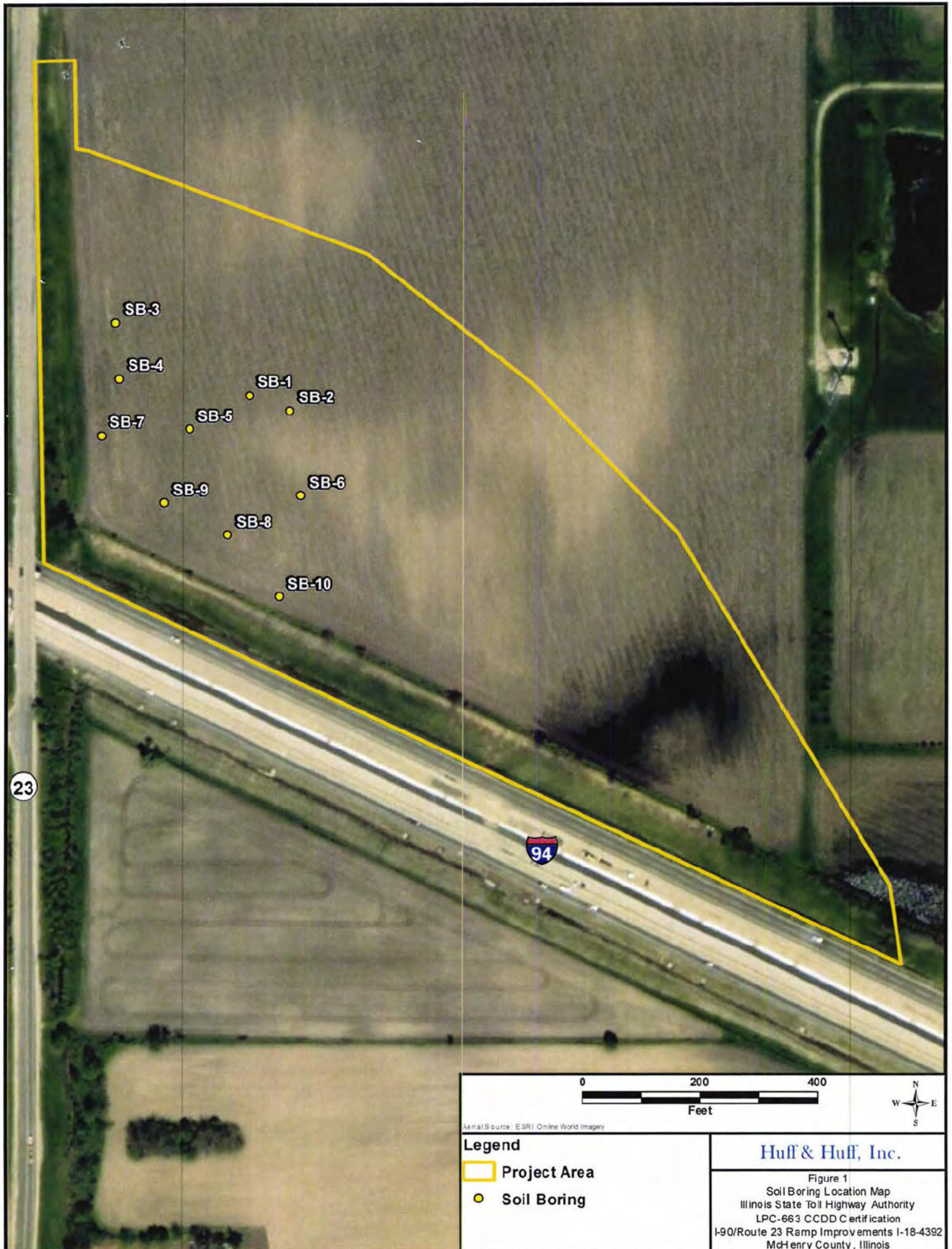
**Attachments:**

- Attachment A Figure 1 – Soil Boring Location Map  
Figure 2 – CCDD Exclusion Area Map
- Attachment B Sampling Results Tables
- Attachment C Laboratory Analytical Report
- Attachment D ERIS Database Report  
NPMS Map  
NIPC Map and Landfill List for McHenry County
- Attachment E ERIS Historical Aerial Photographs  
Historic Topographic Maps
- Attachment F Photo Log
- Attachment G Soil Boring Logs



## ATTACHMENT A







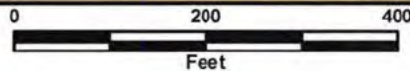
Spoils generated from 0-12' bgs are excluded from CCDD disposal due to PID readings above background. Spoils must be landfilled or may be reused within the Project Area.

Spoils generated from 7-13' bgs within the stockpile are excluded from CCDD disposal due to pH outside required range of 6.25-9.00. Spoils must be landfilled or may be reused within Project Area.



Spoils generated from 0-10' bgs are excluded from CCDD disposal due to PID readings above background. Spoils must be landfilled or may be reused within the Project Area.

Spoils generated from 0-15' bgs are excluded from CCDD disposal due to pH outside required range of 6.25-9.0 and/or PID readings above background. Spoils must be landfilled or may be reused within the Project Area.



Aerial Source: ESRI Online World Imagery

#### Legend

- Project Area
- Exclusion Zone (pH)
- Exclusion Zone (pH and/or PID Reading)
- Exclusion Zone (PID Reading)
- Soil Boring

Huff & Huff, Inc.

Figure 2  
CCDD Exclusion Area Map  
Illinois State Toll Highway Authority  
LPC-663 CCDD Certification  
I-90/Route 23 Ramp Improvements I-18-4392  
McHenry County, Illinois



## ATTACHMENT B



TABLE B-1  
ANALYTICAL SUMMARY  
I-90/RTE 23 RAMP

Sample ID	Depth, ft	Sampling Date	Corresponding PIP <sup>2</sup>	Sample Analyses			
				Full MAC List <sup>1</sup>	TCLP Chromium	TCLP Iron	pH
SB-1	5-7	9/18/2018	Unknown Fill				X
	7-9			X	X		
	13-15						X
	15-17			X			
	21-23			X			
SB-2	1-3	9/18/2018	Unknown Fill	X			
	11-13			X			
	19-21			X			
SB-3	1-3	9/18/2018	Unknown Fill	X			
	9-11			X			
SB-4	5-7	9/18/2018	Unknown Fill	X			
	13-15			X			
SB-5	1-3	9/18/2018	Unknown Fill	X			
	9-11			X			
SB-6	0-1	9/18/2018	Unknown Fill	X			
	7-9			X		X	
SB-7	1-3	9/18/2018	Unknown Fill	X			
	9-11			X			
SB-8	1-3	9/18/2018	Unknown Fill	X			
	11-13			X			
SB-9	0-1	9/18/2018	Unknown Fill	X			
	5-7			X			
SB-10	1-3	9/18/2018	Unknown Fill	X			
	9-11			X	X		

<sup>1</sup> Full MAC List includes the following analyses:

VOCs, SVOCs, Pesticides, Semi-Volatile Pesticides, Herbicides, Total Metals (23), PCBs, Sulfate, Chloride, Fluoride, Nitrate+Nitrite (as N), Cyanide (total), and soil pH.

<sup>2</sup> Supplemental analytical testing was completed due to the unknown origin of fill material historically used along the Tollway and material currently stockpile on site, which has been identified as a PIP.

TABLE B-2  
VOC SOIL RESULTS COMPARED TO THE MACs FOR CCDD DISPOSAL  
I-90/RTE 23 RAMP

Sample ID	Maximum Allowable Concentration <sup>1</sup>				SB-1	SB-1	SB-1	SB-2	SB-2	SB-2	SB-3	SB-3	SB-4	SB-4	SB-5	SB-5	SB-6	SB-6	SB-7	SB-7	SB-8	SB-8	SB-9	SB-9	SB-10	SB-10
Sample Depth (feet)	Within Chicago Corporate Limits	Within a Populated Area in a MSA Excluding Chicago	Within a Populated Area in a non-MSA County	Outside a Populated Area	7-9	15-17	21-23	1-3	11-13	19-21	1-3	9-11	5-7	13-15	1-3	9-11	0-1	7-9	1-3	9-11	1-3	11-13	0-1	5-7	1-3	9-11
Sampling Date					9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18
Constituents					mg/kg																					
Acetone	25	25	25	25	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<b>0.376</b>
Benzene	0.03	0.03	0.03	0.03	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<b>0.0096</b>	<0.005	<0.005
Bromodichloromethane	0.6	0.6	0.6	0.6	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	0.8	0.8	0.8	0.8	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	0.2	0.2	0.2	0.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
n-Butanol	17	17	17	17	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Butanone (MEK)	17	17	17	17	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Carbon disulfide	9	9	9	9	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<b>0.0082</b>
Carbon tetrachloride	0.07	0.07	0.07	0.07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	1	1	1	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroform	0.3	0.3	0.3	0.3	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromo-3-chloropropane	0.002	0.002	0.002	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Dibromochloromethane	0.4	0.4	0.4	0.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dibromoethane (EDB)	0.005	0.005	0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethane	23	23	23	23	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	0.02	0.02	0.02	0.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	0.06	0.06	0.06	0.06	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	0.4	0.4	0.4	0.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	0.7	0.7	0.7	0.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	0.03	0.03	0.03	0.03	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	0.005	0.005	0.005	0.005	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
trans-1,3-Dichloropropene	0.005	0.005	0.005	0.005	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Ethylbenzene	13	13	13	13	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Methylene chloride	0.02	0.02	0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Methyl-tert-butylether (MTBE)	0.32	0.32	0.32	0.32	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Styrene	4	4	4	4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	0.06	0.06	0.06	0.06	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	12	12	12	12	<0.005	0.0056	<0.005	0.0053	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<b>0.015</b>	<b>0.0058</b>
1,1,1-Trichloroethane	2	2	2	2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	0.02	0.02	0.02	0.02	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.06	0.06	0.06	0.06	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl acetate	10	10	10	10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	0.01	0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Xylene, Total	5.6	5.6	5.6	5.6	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<b>0.0072</b>	<0.005
o-Xylene	6.5	6.5	6.5	6.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

<sup>1</sup>Refers to Maximum Allowable Concentration (MAC) of Chemical Constituents in Uncontaminated Soil Used As Fill Material At Regulated Fill Operations (35 IAC 1100.Subpart F).

**Bold** = Constituent detected above its reporting limit.

**Bold/Shaded** = Constituent detected above its applicable MAC.

– Constituent for which sample was not analyzed.

Note: Table only includes samples analyzed for VOCs (or the subset BTEX).

Note: Table only includes constituents for which a MAC is established.

TABLE B-3  
SVOC SOIL RESULTS COMPARED TO THE MACs for CCDD DISPOSAL  
I-90/RTE 23 RAMP

Sample ID	Maximum Allowable Concentration <sup>1</sup>				SB-1	SB-1	SB-1	SB-2	SB-2	SB-2	SB-3	SB-3	SB-4	SB-4	SB-5	SB-5	SB-6	SB-6	SB-7	SB-7	SB-8	SB-8	SB-9	SB-9	SB-10	SB-10		
Sample Depth (feet)	Within Chicago Corporate Limits	Within a Populated Area in a MSA Excluding Chicago	Within a Populated Area in a non-MSA County	Outside a Populated Area	7-9	15-17	21-23	1-3	11-13	19-21	1-3	9-11	5-7	13-15	1-3	9-11	0-1	7-9	1-3	9-11	1-3	11-13	0-1	5-7	1-3	9-11		
Sampling Date					9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18		
Constituents	mg/kg																											
Acenaphthene	570	570	570	570	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Acenaphthylene	85	85	85	85	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
Anthracene	12,000	12,000	12,000	12,000	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
Benzo(a)anthracene	1.1 <sup>4</sup>	1.8 <sup>4</sup>	0.9	0.9	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
Benzo(a)pyrene	1.3 <sup>7</sup>	2.1 <sup>2</sup>	0.98 <sup>3</sup>	0.09	<0.36	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09		
Benzo(b)fluoranthene	1.5 <sup>3</sup>	2.1 <sup>4</sup>	0.9	0.9	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
Benzo(k)fluoranthene	9	9	9	9	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
Benzo(ghi)perylene	2,300	2,300	2,300	2,300	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
Benzoic acid	400	400	400	400	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
Butyl benzyl phthalate	930	930	930	930	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
Carbazole	0.6	0.6	0.6	0.6	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
4-Chloroaniline	0.7	0.7	0.7	0.7	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
bis(2-Chloroethyl)ether	0.66	0.66	0.66	0.66	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
2-Chlorophenol	1.5	1.5	1.5	1.5	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
Chrysene	88	88	88	88	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
Dibenzo(a,h)anthracene	0.20 <sup>2</sup>	0.42 <sup>2</sup>	0.15 <sup>2</sup>	0.09	<0.36	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09		
Di-n-butyl phthalate	2,300	2,300	2,300	2,300	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
1,2-Dichlorobenzene	17	17	17	17	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
1,4-Dichlorobenzene	2	2	2	2	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
3,3'-Dichlorobenzidine	1.3	1.3	1.3	1.3	<0.64	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66		
2,4-Dichlorophenol	0.48	0.48	0.48	0.48	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
Diethyl phthalate	470	470	470	470	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
2,4-Dimethylphenol	9	9	9	9	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
2,4-Dinitrophenol	3.3	3.3	3.3	3.3	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6		
2,4-Dinitrotoluene	0.25	0.25	0.25	0.25	<1	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25		
2,6-Dinitrotoluene	0.26	0.26	0.26	0.26	<1.04	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26		
Di-n-octylphthalate	1,600	1,600	1,600	1,600	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
bis(2-Ethylhexyl)phthalate	46	46	46	46	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
Fluoranthene	3,100	3,100	3,100	3,100	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
Fluorene	560	560	560	560	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
Hexachlorobenzene	0.4	0.4	0.4	0.4	<1.32	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33		
Hexachlorocyclopentadi																												



TABLE B-4  
METALS SOIL RESULTS COMPARED TO THE MACs FOR CCDD DISPOSAL  
I-90/RTE 23 RAMP

Sample ID	Maximum Allowable Concentration <sup>1</sup>		SB-1	SB-1	SB-1	SB-2	SB-2	SB-2	SB-3	SB-3	SB-4	SB-4	SB-5	SB-5	SB-6	SB-6	SB-7	SB-7	SB-8	SB-8	SB-9	SB-9	SB-10	SB-10
Sample Depth (feet)	Within an MSA County	Outside an MSA County	7-9	15-17	21-23	1-3	11-13	19-21	1-3	9-11	5-7	13-15	1-3	9-11	0-1	7-9	1-3	9-11	1-3	11-13	0-1	5-7	1-3	9-11
Sampling Date			9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18
Constituents	mg/kg																							
Total Metals																								
Antimony	5	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.5
Arsenic	13.0 <sup>2</sup>	11.3 <sup>2</sup>	2.3	1.5	<1.0	2.2	2.0	1.8	3.0	<1.0	<1.0	<1.0	1.0	<1.0	2.3	1.5	1.2	<1.0	<1.0	<1.0	<1.0	1.6	2.0	<2.5
Barium	1,500	1,500	40.1	16.1	30.0	58.3	61.1	47.7	59.7	41.7	24.5	13.4	18.2	9.8	61.3	74.4	33.7	43.8	13.6	73.7	24.2	28.1	43.2	167.0
Beryllium	22	22	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	0.8
Boron	40	40	7.4	6.1	<5.0	6.6	<5.0	12.2	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	11.7	7.5	<5.0	8.6	<5.0	8.6	<5.0	<5.0	<15.0
Cadmium	5.2	5.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.5
Calcium	—	—	69,600	90,800	26,400	51,100	47,600	86,800	12,200	2,410	48,300	63,200	57,000	43,400	39,700	71,600	105,000	14,100	130,000	9,560	117,000	42,100	80,600	35,000
Chromium	21	21	24.2*	7.5	12.3	12.5	11.5	16.4	14.8	13.3	9.3	5.3	12.3	12.0	12.0	20.6	7.7	11.0	10.4	19.1	20.9	11.5	8.9	22.7*
Cobalt	20	20	3.2	2.6	2.7	3.8	4.3	5.4	5.1	2.8	2.2	2.6	2.6	1.7	3.7	7.7	2.3	1.6	1.6	5.5	2.1	4.6	3.3	2.9
Copper	2,900	2,900	12.3	6.5	6.2	10.8	9.6	15.9	11.8	4.0	4.8	6.2	4.7	5.0	9.3	20.0	6.8	8.6	4.7	19.2	6.1	8.9	7.3	15.5
Iron	15,900 <sup>2</sup>	15,000 <sup>2</sup>	12,800	7,220	5,640	11,600	10,000	15,300	14,100	5,680	6,130	3,200	6,910	4,120	11,500	19,900*	6,730	3,650	4,940	10,900	6,060	10,500	9,140	9,520
Lead	107	107	11.7	3.7	5.2	14.9	11.1	5.2	7.2	6.3	3.3	2.5	3.6	1.9	9.9	6.9	3.0	5.9	3.9	10.4	4.3	3.9	6.4	11.0
Magnesium	325,000	325,000	38,000	55,700	15,900	27,600	21,800	43,600	7,580	2,070	29,000	37,700	35,000	24,500	21,900	35,000	60,000	7,050	68,400	6,740	54,100	26,200	48,400	16,800
Manganese	636 <sup>2</sup>	630 <sup>2</sup>	466	142	58.4	263	400	252	305	34.6	82.2	119	153	86.5	252	555	198	29.8	297	54.6	392	197	321	93.5
Mercury	0.89	0.89	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<2.0
Nickel	100	100	9.7	7.8	7.1	9.7	8.4	14.2	10.8	7.8	5.2	5.3	7.9	4.7	9.2	20.8	5.8	4.5	7.0	15.0	6.2	12.7	7.6	13.4
Potassium	—	—	745	775	444	909	815	1,900	841	600	551	474	426	271	637	3,650	408	245	378	487	564	627	768	820
Selenium	1.3	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.5
Silver	4.4	4.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4	<0.2	0.2	<0.2	<0.2	<0.2	0.3	0.4	0.2	<0.2	<0.2	0.4	<0.2	0.3	0.3	0.4
Sodium	—	—	473	251	<50	378	261	136	71	<50	95	91	106	73	319	127	172	<50	231	<50	206	82	175	128
Thallium	2.6	2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.5
Vanadium	550	550	36.3	16.1	20.4	23.2	21.7	23.6	27.8	12.4	19.1	6.8	14.9	8.5	23.7	27.8	16.0	20.5	20.1	31.8	24.8	20.1	19.6	43.7
Zinc	5,100	5,100	39.5	17.3	22.4	40.2	31.9	24.7	35.9	36.1	11.7	11.6	17.6	7.9	28.9	29.1	15.7	12.4	17.7	48.8	15.6	20.0	22.5	31.0
TCLP Metals	mg/L																							
Chromium	0.1 <sup>2</sup>		<0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	<0.005
Iron	5.0 <sup>2</sup>		—	—	—	—	—	—	—	—	—	—	—	—	—	<0.1	—	—	—	—	—	—	—	—

<sup>1</sup> Refers to Maximum Allowable Concentration (MAC) of Chemical Constituents in Uncontaminated Soil Used As Fill Material At Regulated Fill Operations (35 IAC 1100 Subpart F).

<sup>2</sup> Refers to background concentration from 35 IAC 742, Appendix A, Table G.

<sup>3</sup> Refers to TACO Class I Soil Component of the Groundwater Ingestion Exposure Route from 35 IAC 742, Appendix B, Table A.

**Bold** = Constituent detected above its reporting limit.

**Bold/Shaded** = Constituent detected above its applicable MAC outside of an MSA County.

**Bold/Shaded** = Constituent detected above its applicable MAC within an MSA County.

— Refers to no MAC established for the specific constituent, or constituent not analyzed for the specific sample.

\* Constituent considered to achieve MAC based on TCLP result.

Note: Table only includes samples analyzed for metals.

TABLE B-5  
PESTICIDES AND HERBICIDES SOIL RESULTS COMPARED TO THE MACs FOR CCDD DISPOSAL  
I-90/RTE 23 RAMP

Sample ID		SB-1	SB-1	SB-1	SB-2	SB-2	SB-2	SB-3	SB-3	SB-4	SB-4	SB-5	SB-5	SB-6	SB-6	SB-7	SB-7	SB-8	SB-8	SB-9	SB-9	SB-10	SB-10
Sample Depth (feet)	Maximum Allowable Concentration <sup>1</sup>	7-9	15-17	21-23	1-3	11-13	19-21	1-3	9-11	5-7	13-15	1-3	9-11	0-1	7-9	1-3	9-11	1-3	11-13	0-1	5-7	1-3	9-11
Sampling Date		9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18
Constituent		mg/kg																					
<b><u>Pesticides</u></b>																							
Aldrin	0.94	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008
alpha-BHC	0.007	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
gamma-BHC (Lindane)	0.009	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008
alpha-Chlordane	1.8	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
gamma-Chlordane	1.8	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
4,4'-DDD	3	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016
4,4'-DDE	2	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016
4,4'-DDT	2	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016
Dieldrin	0.603	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016
Endosulfan I	18	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008
Endosulfan II	18	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016
Endosulfan sulfate	18	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016
Endrin	1	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016	<0.016
Heptachlor	0.871	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008
Heptachlor epoxide	1.005	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008
Methoxychlor	160	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
Toxaphene	0.6	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
<b><u>Semi-Volatile Pesticides</u></b>																							
Alachlor	0.04	<0.16	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.4	<0.04	<0.4	<0.04	<0.04	<0.04
Atrazine	0.066	<0.264	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.066	<0.66	<0.066	<0.66	<0.066	<0.066	<0.066
Simazine	0.04	<0.16	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.4	<0.04	<0.4	<0.04	<0.04	<0.04
<b><u>Herbicides</u></b>																							
Aldicarb	0.013	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbofuran	0.22	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dalapon	0.85	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2,4-Dichlorophenoxyacetic acid (2,4-D)	1.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dinoseb	0.25	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pentachlorophenol	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Picloram	2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Silvex (2,4,5-TP)	11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

<sup>1</sup>Refers to Maximum Allowable Concentration (MAC) of Chemical Constituents in Uncontaminated Soil Used As Fill Material At Regulated Fill Operations (35 IAC 1100.Subpart F)

**Bold** = Constituent detected above its reporting limit

**Bold/Shaded** = Constituent detected above its applicable MAC

– Constituent for which sample was not analyzed

Note: Table only includes samples analyzed for pesticides/herbicides

Note: Table only includes constituents for which a MAC is established



TABLE B-6  
PCB SOIL RESULTS COMPARED TO THE MACs FOR CCDD DISPOSAL  
I-90/RTE 23 RAMP

Sample ID	Maximum Allowable Concentration <sup>1</sup>				SB-1	SB-1	SB-1	SB-2	SB-2	SB-2	SB-3	SB-3	SB-4	SB-4	SB-5	SB-5	SB-6	SB-6	SB-7	SB-7	SB-8	SB-8	SB-9	SB-9	SB-10	SB-10
Sample Depth (feet)	Within Chicago Corporate Limits	Within a Populated Area in a MSA Excluding Chicago	Within a Populated Area in a non-MSA County	Outside a Populated Area	7-9	15-17	21-23	1-3	11-13	19-21	1-3	9-11	5-7	13-15	1-3	9-11	0-1	7-9	1-3	9-11	1-3	11-13	0-1	5-7	1-3	9-11
Sampling Date					9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18
Constituents					mg/kg																					
Aroclor 1016	I	I	I	I	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	
Aroclor 1221	I	I	I	I	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	
Aroclor 1232	I	I	I	I	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	
Aroclor 1242	I	I	I	I	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	
Aroclor 1248	I	I	I	I	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	
Aroclor 1254	I	I	I	I	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	
Aroclor 1260	I	I	I	I	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	

<sup>1</sup>Refers to Maximum Allowable Concentration (MAC) of Chemical Constituents in Uncontaminated Soil Used As Fill Material At Regulated Fill Operations (35 IAC 1100.Subpart F)  
**Bold** = Constituent detected above its reporting limit  
**Bold/Shaded** = Constituent detected above its applicable MAC

TABLE B-7  
CHLORIDE/CYANIDE/FLUORIDE/NITRATE/SULFATE SOIL RESULTS COMPARED TO THE MACs FOR CCDD DISPOSAL  
I-90/RTE 23 RAMP

Sample ID		SB-1	SB-1	SB-1	SB-2	SB-2	SB-2	SB-3	SB-3	SB-4	SB-4	SB-5	SB-5	SB-6	SB-6	SB-7	SB-7	SB-8	SB-8	SB-9	SB-9	SB-10	SB-10
Sample Depth (feet)	Maximum Allowable Concentration <sup>1</sup>	7-9	15-17	21-23	1-3	11-13	19-21	1-3	9-11	5-7	13-15	1-3	9-11	0-1	7-9	1-3	9-11	1-3	11-13	0-1	5-7	1-3	9-11
Sampling Date		9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18	9/18/18
Constituents		mg/kg																					
Chloride, Soluble	4,000	360	599	376	650	590	620	850	371	388	372	871	358	350	635	497	188	336	391	127	525	476	1,080
Cyanide, Total	40	<0.10	<0.10	<0.10	0.130	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.14	<0.10	0.120	<0.10	<0.10	<0.10
Fluoride, Soluble	80	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Nitrate+Nitrite (as N), Soluble	200	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Sulfate, Soluble	8,000	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150	<150

<sup>1</sup>Refers to Maximum Allowable Concentration (MAC) of Chemical Constituents in Uncontaminated Soil Used As Fill Material At Regulated Fill Operations (35 IAC 1100.Subpart F)  
**Bold** = Constituent detected above its reporting limit  
**Bold/Shaded** = Constituent detected above its applicable MAC

TABLE B-8  
PID SCREENING AND SOIL pH RESULTS SUMMARY  
I-90/RTE 23 RAMP

Sample ID	Sampling Date	Depth, ft	PID, ppm	Soil pH
SB-1	9/18/2018	5-7	0.9	8.46
		7-9	1.0	<b>10.49</b>
		13-15	0.7	8.84
		15-17	0.3	8.90
		21-23	0.0	8.71
SB-2	9/18/2018	1-3	0.7	7.99
		11-13	1.0	7.35
		19-21	0.8	8.07
SB-3	9/18/2018	1-3	2.7	7.60
		9-11	1.6	7.99
SB-4	9/18/2018	5-7	1.0	7.72
		13-15	0.5	8.44
SB-5	9/18/2018	1-3	0.4	7.70
		9-11	1.1	8.39
SB-6	9/18/2018	0-1	0.1	8.18
		7-9	0.2	8.01
SB-7	9/18/2018	1-3	5.7	8.91
		9-11	3.7	8.42
SB-8	9/18/2018	1-3	1.6	8.97
		11-13	1.2	8.54
SB-9	9/18/2018	0-1	4.1	<b>9.58</b>
		5-7	4.7	7.86
SB-10	9/18/2018	1-3	5.7	7.38
		9-11	5.4	7.28

**NOTES:**

NR = No Recovery

NA = Not Analyzed

*Italics* pH result indicates soil pH analyzed in the field using a Hanna digital soil pH meter (HI99121).

Each depth interval presented above was submitted to the laboratory for analysis.

**Bold/Shaded** = Constituent detected outside the acceptable range for CCDD disposal (6.25-9.00).

**PID (10.6 eV) background reading measured at 1.4 ppm (empty, clean Ziploc baggy) on 9/18/2018. Weather was cloudy and ranged between 65 degrees and 70 degrees F.**



## ATTACHMENT C



**First  
Environmental  
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

October 19, 2018

Mr. Shane Cuplin  
**HUFF & HUFF INC.**  
915 Harger Road  
Suite 330  
Oak Brook, IL 60523

Project ID: I-90/Rte 23  
First Environmental File ID: 18-5486  
Date Received: September 19, 2018

Dear Mr. Shane Cuplin:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 004324: effective 02/27/2018 through 02/28/2019.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Neal Cleghorn  
Project Manager



**First  
Environmental  
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

**Case Narrative**

**HUFF & HUFF INC.**

Lab File ID: **18-5486**

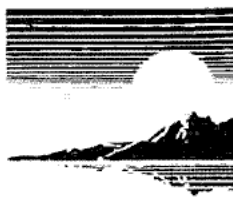
Project ID: **I-90/Rte 23**

Date Received: **September 19, 2018**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The results in this report apply to the samples in the following table:

Laboratory Sample ID	Client Sample Identifier	Date/Time Collected
18-5486-001	SB-1 (7-9)	09/18/18 12:52
18-5486-002	SB-1 (15-17)	09/18/18 12:59
18-5486-003	SB-1 (21-23)	09/18/18 13:05
18-5486-004	SB-2 (1-3)	09/18/18 13:27
18-5486-005	SB-2 (11-13)	09/18/18 13:45
18-5486-006	SB-2 (19-21)	09/18/18 13:57
18-5486-007	SB-3 (1-3)	09/18/18 9:02
18-5486-008	SB-3 (9-11)	09/18/18 9:08
18-5486-009	SB-4 (5-7)	09/18/18 9:36
18-5486-010	SB-4 (13-15)	09/18/18 9:44
18-5486-011	SB-5 (1-3)	09/18/18 14:02
18-5486-012	SB-5 (9-11)	09/18/18 14:08
18-5486-013	SB-6 (0-1)	09/18/18 12:15
18-5486-014	SB-6 (7-9)	09/18/18 12:23
18-5486-015	SB-7 (1-3)	09/18/18 10:44
18-5486-016	SB-7 (9-11)	09/18/18 10:52
18-5486-017	SB-8 (1-3)	09/18/18 11:55
18-5486-018	SB-8 (11-13)	09/18/18 12:02
18-5486-019	SB-9 (0-1)	09/18/18 11:12
18-5486-020	SB-9 (5-7)	09/18/18 11:18
18-5486-021	SB-10 (1-3)	09/18/18 11:37
18-5486-022	SB-10 (9-11)	09/18/18 11:45



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**Case Narrative**

**HUFF & HUFF INC.**

Project ID: **I-90/Rte 23**

Lab File ID: **18-5486**

Date Received: **September 19, 2018**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

**Sample Batch Comments:**

Sample acceptance criteria were met.

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**Method Comments**

Lab Number	Sample ID	Comments:
18-5486-001	SB-1 (7-9)	<i>Semi-Volatile Compounds</i> The reporting limits are elevated due to matrix interference.
18-5486-001	SB-1 (7-9)	<i>Semi-Volatile Pesticides</i> The reporting limits are elevated due to matrix interference.
18-5486-003	SB-1 (21-23)	<i>Pesticides/PCBs</i> Surrogate recovery outside control limits; low bias due to matrix interference.
18-5486-006	SB-2 (19-21)	<i>Pesticides/PCBs</i> 1 of 2 surrogate recoveries outside control limits; low bias due to matrix
18-5486-013	SB-6 (0-1)	<i>Volatile Organic Compounds</i> Surrogate recovery outside control limits; low bias due to matrix interference.
18-5486-015	SB-7 (1-3)	<i>Volatile Organic Compounds</i> Surrogate recovery outside control limits; low bias due to matrix interference.
18-5486-017	SB-8 (1-3)	<i>Semi-Volatile Compounds</i> The reporting limits are elevated due to matrix interference.
18-5486-017	SB-8 (1-3)	<i>Semi-Volatile Pesticides</i> The reporting limits are elevated due to matrix interference.
18-5486-019	SB-9 (0-1)	<i>Semi-Volatile Compounds</i> The reporting limits are elevated due to matrix interference.
18-5486-019	SB-9 (0-1)	<i>Semi-Volatile Pesticides</i> The reporting limits are elevated due to matrix interference.
18-5486-020	SB-9 (5-7)	<i>Pesticides/PCBs</i> Surrogate recovery outside control limits; low bias due to matrix interference.
18-5486-021	SB-10 (1-3)	<i>Pesticides/PCBs</i> 1 of 2 surrogate recoveries outside control limits; low bias due to matrix
18-5486-022	SB-10 (9-11)	<i>Pesticides/PCBs</i> Surrogate recovery outside control limits; low bias due to matrix interference.

---

**The following analyses have been subcontracted to the indicated laboratory:**

**Analysis**

*Herbicides*

**Subcontractor:**

*STAT ANALYSIS CORP. Chicago, IL*

---



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**Case Narrative**

**HUFF & HUFF INC.**

Lab File ID: **18-5486**

Project ID: **I-90/Rte 23**

Date Received: **September 19, 2018**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The following is a definition of flags that may be used in this report:

Flag	Description	Flag	Description
A	Method holding time is 15 minutes from collection. Lab analysis was performed as soon as possible.		
B	Analyte was found in the method blank.	L	LCS recovery outside control limits.
<	Analyte not detected at or above the reporting limit.	M	MS recovery outside control limits; LCS acceptable.
C	Sample received in an improper container for this test.	P	Chemical preservation pH adjusted in lab.
D	Surrogates diluted out; recovery not available.	Q	Result was determined by a GC/MS database search.
E	Estimated result; concentration exceeds calibration range.	S	Analysis was subcontracted to another laboratory.
G	Surrogate recovery outside control limits.	T	Result is less than three times the MDL value.
H	Analysis or extraction holding time exceeded.	W	Reporting limit elevated due to sample matrix.
J	Estimated result; concentration is less than routine RL but greater than MDL.	N	Analyte is not part of our NELAC accreditation or accreditation may not be available for this parameter.
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.





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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-1 (7-9)

**Sample No:** 18-5486-001

**Date Collected:** 09/18/18

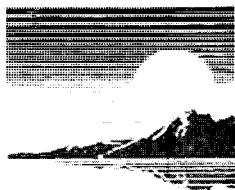
**Time Collected:** 12:52

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> Method: 2540B				
Analysis Date: 09/20/18 16:12				
Total Solids	88.87		%	
<b>Chloride, Soluble</b> Method: 4500CL,C				
Analysis Date: 09/20/18 13:00				
Chloride, Soluble	360	50	mg/kg	N
<b>Cyanide, Total</b> Method: 9010B/9014				
Analysis Date: 09/20/18				
Cyanide, Total	< 0.10	0.10	mg/kg	
<b>Fluoride, Soluble</b> Method: 4500F,C				
Analysis Date: 09/21/18 10:00				
Fluoride, Soluble	< 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> Method: 353.2R2.0				
Analysis Date: 09/24/18				
Nitrate + Nitrite (as N), Soluble	< 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> Method: 9045D 2004				
Analysis Date: 09/20/18 9:00				
pH @ 25°C, 1:2	10.49		Units	
<b>Sulfate, Soluble</b> Method: 9038				
Analysis Date: 09/24/18				
Sulfate, Soluble	< 150	150	mg/kg	N
<b>Total Metals</b> Method: 6010C Preparation Method 3050B				
Analysis Date: 09/21/18				Preparation Date: 09/21/18
Antimony	< 1.0	1.0	mg/kg	
Arsenic	2.3	1.0	mg/kg	
Barium	40.1	0.5	mg/kg	
Beryllium	< 0.5	0.5	mg/kg	
Boron	7.4	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	69,600	50	mg/kg	
Chromium	24.2	0.5	mg/kg	
Cobalt	3.2	0.5	mg/kg	
Copper	12.3	0.5	mg/kg	
Iron	12,800	5.0	mg/kg	
Lead	11.7	0.5	mg/kg	
Magnesium	38,000	50	mg/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-1 (7-9)

**Sample No:** 18-5486-001

**Date Collected:** 09/18/18

**Time Collected:** 12:52

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>				
<b>Method: 6010C</b>		<b>Preparation Method 3050B</b>		
Analysis Date: 09/21/18		Preparation Date: 09/21/18		
Manganese	466	0.5	mg/kg	
Nickel	9.7	0.5	mg/kg	
Potassium	745	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	0.4	0.2	mg/kg	
Sodium	473	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	36.3	1.0	mg/kg	
Zinc	39.5	1.0	mg/kg	

<b>Total Mercury</b>				
<b>Method: 7471B</b>				
Analysis Date: 09/24/18				
Mercury	< 0.05	0.05	mg/kg	

<b>Volatile Organic Compounds</b>				
<b>Method: 5035A/8260B</b>				
Analysis Date: 09/25/18				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
n-Butanol	< 1,000	1000	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg	J J
Dibromochloromethane	< 5.0	5.0	ug/kg	
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-1 (7-9)

**Sample No:** 18-5486-001

**Date Collected:** 09/18/18

**Time Collected:** 12:52

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	

**Semi-Volatile Compounds**

**Method: 8270C**

**Preparation Method 3540C**

Analysis Date: 09/21/18

Preparation Date: 09/20/18

Acenaphthylene	< 1,320	330	ug/kg	
Anthracene	< 1,320	330	ug/kg	
Benzo(a)anthracene	< 1,320	330	ug/kg	
Benzo(a)pyrene	< 360	90	ug/kg	
Benzo(b)fluoranthene	< 1,320	330	ug/kg	
Benzo(k)fluoranthene	< 1,320	330	ug/kg	
Benzo(ghi)perylene	< 1,320	330	ug/kg	
Benzoic acid	< 1,320	330	ug/kg	
Butyl benzyl phthalate	< 1,320	330	ug/kg	
Carbazole	< 1,320	330	ug/kg	
4-Chloroaniline	< 1,320	330	ug/kg	
bis(2-Chloroethyl)ether	< 1,320	330	ug/kg	
2-Chlorophenol	< 1,320	330	ug/kg	
Chrysene	< 1,320	330	ug/kg	
Dibenzo(a,h)anthracene	< 360	90	ug/kg	
Di-n-butyl phthalate	< 1,320	330	ug/kg	
1,2-Dichlorobenzene	< 1,320	330	ug/kg	
1,4-Dichlorobenzene	< 1,320	330	ug/kg	
3,3'-Dichlorobenzidine	< 2,640	660	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** 1-90/Rte 23

**Sample ID:** SB-1 (7-9)

**Sample No:** 18-5486-001

**Date Collected:** 09/18/18

**Time Collected:** 12:52

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
2,4-Dichlorophenol	< 1,320	330	ug/kg	
Diethyl phthalate	< 1,320	330	ug/kg	
2,4-Dimethylphenol	< 1,320	330	ug/kg	
2,4-Dinitrophenol	< 6,400	1600	ug/kg	
2,4-Dinitrotoluene	< 1,000	250	ug/kg	
2,6-Dinitrotoluene	< 1,040	260	ug/kg	
Di-n-octylphthalate	< 1,320	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 1,320	330	ug/kg	
Fluoranthene	< 1,320	330	ug/kg	
Fluorene	< 1,320	330	ug/kg	
Hexachlorobenzene	< 1,320	330	ug/kg	
Hexachlorocyclopentadiene	< 1,320	330	ug/kg	
Hexachloroethane	< 1,320	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 1,320	330	ug/kg	
Isophorone	< 1,320	330	ug/kg	
2-Methylphenol	< 1,320	330	ug/kg	
Naphthalene	< 1,320	330	ug/kg	
Nitrobenzene	< 1,040	260	ug/kg	
n-Nitrosodiphenylamine	< 1,320	330	ug/kg	
n-Nitrosodi-n-propylamine	< 360	90	ug/kg	
Phenanthrene	< 1,320	330	ug/kg	
Phenol	< 1,320	330	ug/kg	
Pyrene	< 1,320	330	ug/kg	
1,2,4-Trichlorobenzene	< 1,320	330	ug/kg	
2,4,5-Trichlorophenol	< 1,320	330	ug/kg	
2,4,6-Trichlorophenol	< 1,320	330	ug/kg	
<b>Semi-Volatile Pesticides</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Alachlor	< 160	40	ug/kg	N
Atrazine	< 264	66	ug/kg	N
Simazine	< 160	40	ug/kg	N
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-1 (7-9)

**Sample No:** 18-5486-001

**Date Collected:** 09/18/18

**Time Collected:** 12:52

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides**

**Method: 8321**

Analysis Date: 09/26/18

Aldicarb	< 10	10	ug/kg	NS
Carbofuran	< 50	50	ug/kg	NS
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	NS
Picloram	< 100	100	ug/kg	NS
Silvex (2,4,5-TP)	< 100	100	ug/kg	S



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-1 (15-17)

**Sample No:** 18-5486-002

**Date Collected:** 09/18/18

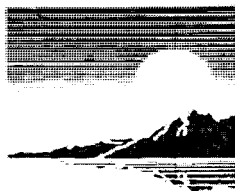
**Time Collected:** 12:59

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> Analysis Date: 09/20/18 16:12 Total Solids	<b>Method: 2540B</b> 86.88		%	
<b>Chloride, Soluble</b> Analysis Date: 09/20/18 13:00 Chloride, Soluble	<b>Method: 4500CL,C</b> 599	50	mg/kg	N
<b>Cyanide, Total</b> Analysis Date: 09/20/18 Cyanide, Total	<b>Method: 9010B/9014</b> < 0.10	0.10	mg/kg	
<b>Fluoride, Soluble</b> Analysis Date: 09/21/18 10:00 Fluoride, Soluble	<b>Method: 4500F,C</b> < 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> Analysis Date: 09/24/18 Nitrate + Nitrite (as N), Soluble	<b>Method: 353.2R2.0</b> < 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> Analysis Date: 09/20/18 9:00 pH @ 25°C, 1:2	<b>Method: 9045D 2004</b> 8.90		Units	
<b>Sulfate, Soluble</b> Analysis Date: 09/24/18 Sulfate, Soluble	<b>Method: 9038</b> < 150	150	mg/kg	N
<b>Total Metals</b> Analysis Date: 09/21/18	<b>Method: 6010C</b>	<b>Preparation Method 3050B</b> Preparation Date: 09/21/18		
Antimony	< 1.0	1.0	mg/kg	
Arsenic	1.5	1.0	mg/kg	
Barium	16.1	0.5	mg/kg	
Beryllium	< 0.5	0.5	mg/kg	
Boron	6.1	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	90,800	50	mg/kg	
Chromium	7.5	0.5	mg/kg	
Cobalt	2.6	0.5	mg/kg	
Copper	6.5	0.5	mg/kg	
Iron	7,220	5.0	mg/kg	
Lead	3.7	0.5	mg/kg	
Magnesium	55,700	50	mg/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.  
**Project ID:** 1-90/Rte 23  
**Sample ID:** SB-1 (15-17)  
**Sample No:** 18-5486-002

**Date Collected:** 09/18/18  
**Time Collected:** 12:59  
**Date Received:** 09/19/18  
**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>				
<b>Method: 6010C</b>		<b>Preparation Method 3050B</b>		
Analysis Date: 09/21/18		Preparation Date: 09/21/18		
Manganese	142	0.5	mg/kg	
Nickel	7.8	0.5	mg/kg	
Potassium	775	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	0.3	0.2	mg/kg	
Sodium	251	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	16.1	1.0	mg/kg	
Zinc	17.3	1.0	mg/kg	

<b>Total Mercury</b>				
<b>Method: 7471B</b>				
Analysis Date: 09/24/18				
Mercury	< 0.05	0.05	mg/kg	

<b>Volatile Organic Compounds</b>				
<b>Method: 5035A/8260B</b>				
Analysis Date: 09/25/18				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
n-Butanol	< 1,000	1000	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg	J J
Dibromochloromethane	< 5.0	5.0	ug/kg	
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-1 (15-17)

**Sample No:** 18-5486-002

**Date Collected:** 09/18/18

**Time Collected:** 12:59

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 09/25/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	5.6	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	

**Semi-Volatile Compounds**

**Method: 8270C**

**Preparation Method 3540C**

Analysis Date: 09/21/18

Preparation Date: 09/20/18

Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	< 90	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Benzoic acid	< 330	330	ug/kg	
Butyl benzyl phthalate	< 330	330	ug/kg	
Carbazole	< 330	330	ug/kg	
4-Chloroaniline	< 330	330	ug/kg	
bis(2-Chloroethyl)ether	< 330	330	ug/kg	
2-Chlorophenol	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Di-n-butyl phthalate	< 330	330	ug/kg	
1,2-Dichlorobenzene	< 330	330	ug/kg	
1,4-Dichlorobenzene	< 330	330	ug/kg	
3,3'-Dichlorobenzidine	< 660	660	ug/kg	





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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-1 (15-17)

**Sample No:** 18-5486-002

**Date Collected:** 09/18/18

**Time Collected:** 12:59

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
Analysis Date: 09/21/18	Method: 8270C	Preparation Method 3540C		
		Preparation Date: 09/20/18		
2,4-Dichlorophenol	< 330	330	ug/kg	
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	
<b>Semi-Volatile Pesticides</b>				
Analysis Date: 09/21/18	Method: 8270C	Preparation Method 3540C		
		Preparation Date: 09/20/18		
Alachlor	< 40	40	ug/kg	N
Atrazine	< 66	66	ug/kg	N
Simazine	< 40	40	ug/kg	N
<b>Pesticides/PCBs</b>				
Analysis Date: 09/21/18	Method: 8081A/8082	Preparation Method 3546		
		Preparation Date: 09/20/18		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-1 (15-17)

**Sample No:** 18-5486-002

**Date Collected:** 09/18/18

**Time Collected:** 12:59

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides**

**Method: 8321**

Analysis Date: 09/26/18

Aldicarb	< 10	10	ug/kg	NS
Carbofuran	< 50	50	ug/kg	NS
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	NS
Picloram	< 100	100	ug/kg	NS
Silvex (2,4,5-TP)	< 100	100	ug/kg	S



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-1 (21-23)

**Sample No:** 18-5486-003

**Date Collected:** 09/18/18

**Time Collected:** 13:05

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> <b>Method: 2540B</b>				
Analysis Date: 09/20/18 16:12				
Total Solids	85.16		%	
<b>Chloride, Soluble</b> <b>Method: 4500CL,C</b>				
Analysis Date: 09/20/18 13:00				
Chloride, Soluble	376	50	mg/kg	N
<b>Cyanide, Total</b> <b>Method: 9010B/9014</b>				
Analysis Date: 09/20/18				
Cyanide, Total	< 0.10	0.10	mg/kg	
<b>Fluoride, Soluble</b> <b>Method: 4500F,C</b>				
Analysis Date: 09/21/18 10:00				
Fluoride, Soluble	< 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> <b>Method: 353.2R2.0</b>				
Analysis Date: 09/24/18				
Nitrate + Nitrite (as N), Soluble	< 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> <b>Method: 9045D 2004</b>				
Analysis Date: 09/20/18 9:00				
pH @ 25°C, 1:2	8.71		Units	
<b>Sulfate, Soluble</b> <b>Method: 9038</b>				
Analysis Date: 09/24/18				
Sulfate, Soluble	< 150	150	mg/kg	N
<b>Total Metals</b> <b>Method: 6010C</b> <b>Preparation Method 3050B</b>				
Analysis Date: 09/21/18				Preparation Date: 09/21/18
Antimony	< 1.0	1.0	mg/kg	
Arsenic	< 1.0	1.0	mg/kg	
Barium	30.0	0.5	mg/kg	
Beryllium	< 0.5	0.5	mg/kg	
Boron	< 5.0	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	26,400	50	mg/kg	
Chromium	12.3	0.5	mg/kg	
Cobalt	2.7	0.5	mg/kg	
Copper	6.2	0.5	mg/kg	
Iron	5,640	5.0	mg/kg	
Lead	5.2	0.5	mg/kg	
Magnesium	15,900	50	mg/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-1 (21-23)

**Sample No:** 18-5486-003

**Date Collected:** 09/18/18

**Time Collected:** 13:05

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>	<b>Method: 6010C</b>	<b>Preparation Method 3050B</b>		
Analysis Date: 09/21/18		Preparation Date: 09/21/18		
Manganese	58.4	0.5	mg/kg	
Nickel	7.1	0.5	mg/kg	
Potassium	444	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	0.3	0.2	mg/kg	
Sodium	< 50	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	20.4	1.0	mg/kg	
Zinc	22.4	1.0	mg/kg	

**Total Mercury**

**Method: 7471B**

Analysis Date: 09/24/18

Mercury	< 0.05	0.05	mg/kg
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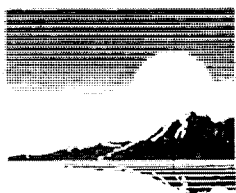
**Volatile Organic Compounds**

**Method: 5035A/8260B**

Analysis Date: 09/25/18

Acetone	< 200	200	ug/kg
Benzene	< 5.0	5.0	ug/kg
Bromodichloromethane	< 5.0	5.0	ug/kg
Bromoform	< 5.0	5.0	ug/kg
Bromomethane	< 10.0	10.0	ug/kg
n-Butanol	< 1,000	1000	ug/kg
2-Butanone (MEK)	< 100	100	ug/kg
Carbon disulfide	< 5.0	5.0	ug/kg
Carbon tetrachloride	< 5.0	5.0	ug/kg
Chlorobenzene	< 5.0	5.0	ug/kg
Chloroform	< 5.0	5.0	ug/kg
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg
Dibromochloromethane	< 5.0	5.0	ug/kg
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg
1,1-Dichloroethane	< 5.0	5.0	ug/kg
1,2-Dichloroethane	< 5.0	5.0	ug/kg
1,1-Dichloroethene	< 5.0	5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg
1,2-Dichloropropane	< 5.0	5.0	ug/kg
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg

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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** 1-90/Rte 23

**Sample ID:** SB-1 (21-23)

**Sample No:** 18-5486-003

**Date Collected:** 09/18/18

**Time Collected:** 13:05

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	

**Semi-Volatile Compounds**

**Method: 8270C**

**Preparation Method 3540C**

Analysis Date: 09/21/18

Preparation Date: 09/20/18

Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	< 90	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Benzoic acid	< 330	330	ug/kg	
Butyl benzyl phthalate	< 330	330	ug/kg	
Carbazole	< 330	330	ug/kg	
4-Chloroaniline	< 330	330	ug/kg	
bis(2-Chloroethyl)ether	< 330	330	ug/kg	
2-Chlorophenol	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Di-n-butyl phthalate	< 330	330	ug/kg	
1,2-Dichlorobenzene	< 330	330	ug/kg	
1,4-Dichlorobenzene	< 330	330	ug/kg	
3,3'-Dichlorobenzidine	< 660	660	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-1 (21-23)

**Sample No:** 18-5486-003

**Date Collected:** 09/18/18

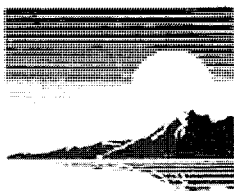
**Time Collected:** 13:05

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
2,4-Dichlorophenol	< 330	330	ug/kg	
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	
<b>Semi-Volatile Pesticides</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Alachlor	< 40	40	ug/kg	N
Atrazine	< 66	66	ug/kg	N
Simazine	< 40	40	ug/kg	N
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** 1-90/Rte 23

**Sample ID:** SB-1 (21-23)

**Sample No:** 18-5486-003

**Date Collected:** 09/18/18

**Time Collected:** 13:05

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides**

**Method: 8321**

Analysis Date: 09/26/18

Aldicarb	< 10	10	ug/kg	NS
Carbofuran	< 50	50	ug/kg	NS
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	NS
Picloram	< 100	100	ug/kg	NS
Silvex (2,4,5-TP)	< 100	100	ug/kg	S



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-2 (1-3)

**Sample No:** 18-5486-004

**Date Collected:** 09/18/18

**Time Collected:** 13:27

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> Method: 2540B				
Analysis Date: 09/20/18 16:12				
Total Solids	79.96		%	
<b>Chloride, Soluble</b> Method: 4500CL,C				
Analysis Date: 09/20/18 13:00				
Chloride, Soluble	650	50	mg/kg	N
<b>Cyanide, Total</b> Method: 9010B/9014				
Analysis Date: 09/20/18				
Cyanide, Total	0.13	0.10	mg/kg	
<b>Fluoride, Soluble</b> Method: 4500F,C				
Analysis Date: 09/21/18 10:00				
Fluoride, Soluble	< 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> Method: 353.2R2.0				
Analysis Date: 09/24/18				
Nitrate + Nitrite (as N), Soluble	< 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> Method: 9045D 2004				
Analysis Date: 09/20/18 9:00				
pH @ 25°C, 1:2	7.99		Units	
<b>Sulfate, Soluble</b> Method: 9038				
Analysis Date: 09/24/18				
Sulfate, Soluble	< 150	150	mg/kg	N
<b>Total Metals</b> Method: 6010C Preparation Method 3050B				
Analysis Date: 09/21/18				Preparation Date: 09/21/18
Antimony	< 1.0	1.0	mg/kg	
Arsenic	2.2	1.0	mg/kg	
Barium	58.3	0.5	mg/kg	
Beryllium	< 0.5	0.5	mg/kg	
Boron	6.6	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	51,100	50	mg/kg	
Chromium	12.5	0.5	mg/kg	
Cobalt	3.8	0.5	mg/kg	
Copper	10.8	0.5	mg/kg	
Iron	11,600	5.0	mg/kg	
Lead	14.9	0.5	mg/kg	
Magnesium	27,600	50	mg/kg	





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IL ELAP / NELAC Accreditation # 100292

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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-2 (1-3)

**Sample No:** 18-5486-004

**Date Collected:** 09/18/18

**Time Collected:** 13:27

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>		<b>Method: 6010C</b>		
Analysis Date: 09/21/18		<b>Preparation Method 3050B</b>		
		Preparation Date: 09/21/18		
Manganese	263	0.5	mg/kg	
Nickel	9.7	0.5	mg/kg	
Potassium	909	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	0.3	0.2	mg/kg	
Sodium	378	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	23.2	1.0	mg/kg	
Zinc	40.2	1.0	mg/kg	

<b>Total Mercury</b>		<b>Method: 7471B</b>		
Analysis Date: 09/24/18				
Mercury	< 0.05	0.05	mg/kg	

<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 09/25/18				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
n-Butanol	< 1,000	1000	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg	J
Dibromochloromethane	< 5.0	5.0	ug/kg	
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-2 (1-3)

**Sample No:** 18-5486-004

**Date Collected:** 09/18/18

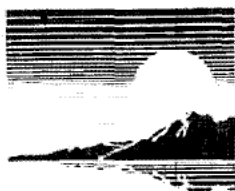
**Time Collected:** 13:27

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>				
Method: 5035A/8260B				
Analysis Date: 09/25/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	5.3	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	
<b>Semi-Volatile Compounds</b>				
Method: 8270C				
Preparation Method 3540C				
Preparation Date: 09/20/18				
Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	< 90	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Benzoic acid	< 330	330	ug/kg	
Butyl benzyl phthalate	< 330	330	ug/kg	
Carbazole	< 330	330	ug/kg	
4-Chloroaniline	< 330	330	ug/kg	
bis(2-Chloroethyl)ether	< 330	330	ug/kg	
2-Chlorophenol	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Di-n-butyl phthalate	< 330	330	ug/kg	
1,2-Dichlorobenzene	< 330	330	ug/kg	
1,4-Dichlorobenzene	< 330	330	ug/kg	
3,3'-Dichlorobenzidine	< 660	660	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-2 (1-3)

**Sample No:** 18-5486-004

**Date Collected:** 09/18/18

**Time Collected:** 13:27

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
2,4-Dichlorophenol	< 330	330	ug/kg	
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	
<b>Semi-Volatile Pesticides</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Alachlor	< 40	40	ug/kg	N
Atrazine	< 66	66	ug/kg	N
Simazine	< 40	40	ug/kg	N
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-2 (1-3)

**Sample No:** 18-5486-004

**Date Collected:** 09/18/18

**Time Collected:** 13:27

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	
<b>Herbicides</b>				
<b>Method: 8321</b>				
Analysis Date: 09/26/18				
Aldicarb	< 10	10	ug/kg	NS
Carbofuran	< 50	50	ug/kg	NS
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	NS
Picloram	< 100	100	ug/kg	NS
Silvex (2,4,5-TP)	< 100	100	ug/kg	S



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IL ELAP / NELAC Accreditation # 100292

**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-2 (11-13)

**Sample No:** 18-5486-005

**Date Collected:** 09/18/18

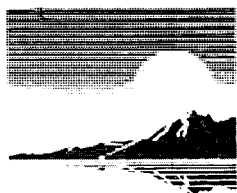
**Time Collected:** 13:45

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> <b>Method: 2540B</b>				
Analysis Date: 09/20/18 16:12				
Total Solids	88.2		%	
<b>Chloride, Soluble</b> <b>Method: 4500CL,C</b>				
Analysis Date: 09/20/18 13:00				
Chloride, Soluble	590	50	mg/kg	N
<b>Cyanide, Total</b> <b>Method: 9010B/9014</b>				
Analysis Date: 09/20/18				
Cyanide, Total	< 0.10	0.10	mg/kg	
<b>Fluoride, Soluble</b> <b>Method: 4500F,C</b>				
Analysis Date: 09/21/18 10:00				
Fluoride, Soluble	< 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> <b>Method: 353.2R2.0</b>				
Analysis Date: 09/24/18				
Nitrate + Nitrite (as N), Soluble	< 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> <b>Method: 9045D 2004</b>				
Analysis Date: 09/20/18 9:00				
pH @ 25°C, 1:2	7.35		Units	
<b>Sulfate, Soluble</b> <b>Method: 9038</b>				
Analysis Date: 09/24/18				
Sulfate, Soluble	< 150	150	mg/kg	N
<b>Total Metals</b> <b>Method: 6010C</b> <b>Preparation Method 3050B</b>				
Analysis Date: 09/21/18				Preparation Date: 09/21/18
Antimony	< 1.0	1.0	mg/kg	
Arsenic	2.0	1.0	mg/kg	
Barium	61.1	0.5	mg/kg	
Beryllium	< 0.5	0.5	mg/kg	
Boron	< 5.0	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	47,600	50	mg/kg	
Chromium	11.5	0.5	mg/kg	
Cobalt	4.3	0.5	mg/kg	
Copper	9.6	0.5	mg/kg	
Iron	10,000	5.0	mg/kg	
Lead	11.1	0.5	mg/kg	
Magnesium	21,800	50	mg/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** 1-90/Rte 23

**Sample ID:** SB-2 (11-13)

**Sample No:** 18-5486-005

**Date Collected:** 09/18/18

**Time Collected:** 13:45

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>				
<b>Method: 6010C</b>		<b>Preparation Method 3050B</b>		
Analysis Date: 09/21/18		Preparation Date: 09/21/18		
Manganese	400	0.5	mg/kg	
Nickel	8.4	0.5	mg/kg	
Potassium	815	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	0.3	0.2	mg/kg	
Sodium	261	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	21.7	1.0	mg/kg	
Zinc	31.9	1.0	mg/kg	
<b>Total Mercury</b>				
<b>Method: 7471B</b>				
Analysis Date: 09/24/18				
Mercury	< 0.05	0.05	mg/kg	
<b>Volatile Organic Compounds</b>				
<b>Method: 5035A/8260B</b>				
Analysis Date: 09/25/18				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
n-Butanol	< 1,000	1000	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg	J J
Dibromochloromethane	< 5.0	5.0	ug/kg	
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-2 (11-13)

**Sample No:** 18-5486-005

**Date Collected:** 09/18/18

**Time Collected:** 13:45

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>				
<b>Method: 5035A/8260B</b>				
Analysis Date: 09/25/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	
<b>Semi-Volatile Compounds</b>				
<b>Method: 8270C</b>				
Analysis Date: 09/21/18				
<b>Preparation Method 3540C</b>				
Preparation Date: 09/20/18				
Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	< 90	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Benzoic acid	< 330	330	ug/kg	
Butyl benzyl phthalate	< 330	330	ug/kg	
Carbazole	< 330	330	ug/kg	
4-Chloroaniline	< 330	330	ug/kg	
bis(2-Chloroethyl)ether	< 330	330	ug/kg	
2-Chlorophenol	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Di-n-butyl phthalate	< 330	330	ug/kg	
1,2-Dichlorobenzene	< 330	330	ug/kg	
1,4-Dichlorobenzene	< 330	330	ug/kg	
3,3'-Dichlorobenzidine	< 660	660	ug/kg	



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IL ELAP / NELAC Accreditation # 100292

**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-2 (11-13)

**Sample No:** 18-5486-005

**Date Collected:** 09/18/18

**Time Collected:** 13:45

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
Method: 8270C		Preparation Method 3540C		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
2,4-Dichlorophenol	< 330	330	ug/kg	
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	
<b>Semi-Volatile Pesticides</b>				
Method: 8270C		Preparation Method 3540C		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Alachlor	< 40	40	ug/kg	N
Atrazine	< 66	66	ug/kg	N
Simazine	< 40	40	ug/kg	N
<b>Pesticides/PCBs</b>				
Method: 8081A/8082		Preparation Method 3546		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	





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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-2 (11-13)

**Sample No:** 18-5486-005

**Date Collected:** 09/18/18

**Time Collected:** 13:45

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides**

**Method: 8321**

Analysis Date: 09/26/18

Aldicarb	< 10	10	ug/kg	NS
Carbofuran	< 50	50	ug/kg	NS
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	NS
Picloram	< 100	100	ug/kg	NS
Silvex (2,4,5-TP)	< 100	100	ug/kg	S



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-2 (19-21)

**Sample No:** 18-5486-006

**Date Collected:** 09/18/18

**Time Collected:** 13:57

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> Analysis Date: 09/20/18 16:12 Total Solids	<b>Method: 2540B</b> 83.81		%	
<b>Chloride, Soluble</b> Analysis Date: 09/20/18 13:00 Chloride, Soluble	<b>Method: 4500CL,C</b> 620	50	mg/kg	N
<b>Cyanide, Total</b> Analysis Date: 09/20/18 Cyanide, Total	<b>Method: 9010B/9014</b> < 0.10	0.10	mg/kg	
<b>Fluoride, Soluble</b> Analysis Date: 09/21/18 10:00 Fluoride, Soluble	<b>Method: 4500F,C</b> < 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> Analysis Date: 09/24/18 Nitrate + Nitrite (as N), Soluble	<b>Method: 353.2R2.0</b> < 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> Analysis Date: 09/20/18 9:00 pH @ 25°C, 1:2	<b>Method: 9045D 2004</b> 8.07		Units	
<b>Sulfate, Soluble</b> Analysis Date: 09/24/18 Sulfate, Soluble	<b>Method: 9038</b> < 150	150	mg/kg	N
<b>Total Metals</b> Analysis Date: 09/21/18	<b>Method: 6010C</b>	<b>Preparation Method 3050B</b> Preparation Date: 09/21/18		
Antimony	< 1.0	1.0	mg/kg	
Arsenic	1.8	1.0	mg/kg	
Barium	47.7	0.5	mg/kg	
Beryllium	< 0.5	0.5	mg/kg	
Boron	12.2	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	86,800	50	mg/kg	
Chromium	16.4	0.5	mg/kg	
Cobalt	5.4	0.5	mg/kg	
Copper	15.9	0.5	mg/kg	
Iron	15,300	5.0	mg/kg	
Lead	5.2	0.5	mg/kg	
Magnesium	43,600	50	mg/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-2 (19-21)

**Sample No:** 18-5486-006

**Date Collected:** 09/18/18

**Time Collected:** 13:57

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>	<b>Method: 6010C</b>	<b>Preparation Method 3050B</b>		
Analysis Date: 09/21/18		Preparation Date: 09/21/18		
Manganese	252	0.5	mg/kg	
Nickel	14.2	0.5	mg/kg	
Potassium	1,900	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	0.4	0.2	mg/kg	
Sodium	136	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	23.6	1.0	mg/kg	
Zinc	24.7	1.0	mg/kg	

<b>Total Mercury</b>	<b>Method: 7471B</b>			
Analysis Date: 09/24/18				
Mercury	< 0.05	0.05	mg/kg	

<b>Volatile Organic Compounds</b>	<b>Method: 5035A/8260B</b>			
Analysis Date: 09/26/18				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
n-Butanol	< 1,000	1000	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg	J
Dibromochloromethane	< 5.0	5.0	ug/kg	
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-2 (19-21)

**Sample No:** 18-5486-006

**Date Collected:** 09/18/18

**Time Collected:** 13:57

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 09/26/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	

<b>Semi-Volatile Compounds</b>		<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>	
Analysis Date: 09/21/18				Preparation Date: 09/20/18	
Acenaphthylene	< 330	330	ug/kg		
Anthracene	< 330	330	ug/kg		
Benzo(a)anthracene	< 330	330	ug/kg		
Benzo(a)pyrene	< 90	90	ug/kg		
Benzo(b)fluoranthene	< 330	330	ug/kg		
Benzo(k)fluoranthene	< 330	330	ug/kg		
Benzo(ghi)perylene	< 330	330	ug/kg		
Benzoic acid	< 330	330	ug/kg		
Butyl benzyl phthalate	< 330	330	ug/kg		
Carbazole	< 330	330	ug/kg		
4-Chloroaniline	< 330	330	ug/kg		
bis(2-Chloroethyl)ether	< 330	330	ug/kg		
2-Chlorophenol	< 330	330	ug/kg		
Chrysene	< 330	330	ug/kg		
Dibenzo(a,h)anthracene	< 90	90	ug/kg		
Di-n-butyl phthalate	< 330	330	ug/kg		
1,2-Dichlorobenzene	< 330	330	ug/kg		
1,4-Dichlorobenzene	< 330	330	ug/kg		
3,3'-Dichlorobenzidine	< 660	660	ug/kg		



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-2 (19-21)

**Sample No:** 18-5486-006

**Date Collected:** 09/18/18

**Time Collected:** 13:57

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
2,4-Dichlorophenol	< 330	330	ug/kg	
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	
<b>Semi-Volatile Pesticides</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Alachlor	< 40	40	ug/kg	N
Atrazine	< 66	66	ug/kg	N
Simazine	< 40	40	ug/kg	N
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-2 (19-21)

**Sample No:** 18-5486-006

**Date Collected:** 09/18/18

**Time Collected:** 13:57

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides**

**Method: 8321**

Analysis Date: 09/26/18

Aldicarb	< 10	10	ug/kg	NS
Carbofuran	< 50	50	ug/kg	NS
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	NS
Picloram	< 100	100	ug/kg	NS
Silvex (2,4,5-TP)	< 100	100	ug/kg	S



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-3 (1-3)

**Sample No:** 18-5486-007

**Date Collected:** 09/18/18

**Time Collected:** 9:02

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> Method: 2540B				
Analysis Date: 09/20/18 16:12				
Total Solids	84.68		%	
<b>Chloride, Soluble</b> Method: 4500CL,C				
Analysis Date: 09/20/18 13:00				
Chloride, Soluble	850	50	mg/kg	N
<b>Cyanide, Total</b> Method: 9010B/9014				
Analysis Date: 09/20/18				
Cyanide, Total	< 0.10	0.10	mg/kg	
<b>Fluoride, Soluble</b> Method: 4500F,C				
Analysis Date: 09/21/18 10:00				
Fluoride, Soluble	< 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> Method: 353.2R2.0				
Analysis Date: 09/24/18				
Nitrate + Nitrite (as N), Soluble	< 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> Method: 9045D 2004				
Analysis Date: 09/20/18 9:00				
pH @ 25°C, 1:2	7.60		Units	
<b>Sulfate, Soluble</b> Method: 9038				
Analysis Date: 09/24/18				
Sulfate, Soluble	< 150	150	mg/kg	N
<b>Total Metals</b> Method: 6010C Preparation Method 3050B				
Analysis Date: 09/21/18				Preparation Date: 09/21/18
Antimony	< 1.0	1.0	mg/kg	
Arsenic	3.0	1.0	mg/kg	
Barium	59.7	0.5	mg/kg	
Beryllium	< 0.5	0.5	mg/kg	
Boron	< 5.0	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	12,200	50	mg/kg	
Chromium	14.8	0.5	mg/kg	
Cobalt	5.1	0.5	mg/kg	
Copper	11.8	0.5	mg/kg	
Iron	14,100	5.0	mg/kg	
Lead	7.2	0.5	mg/kg	
Magnesium	7,580	50	mg/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-3 (1-3)

**Sample No:** 18-5486-007

**Date Collected:** 09/18/18

**Time Collected:** 9:02

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>				
<b>Method: 6010C</b>		<b>Preparation Method 3050B</b>		
Analysis Date: 09/21/18		Preparation Date: 09/21/18		
Manganese	305	0.5	mg/kg	
Nickel	10.8	0.5	mg/kg	
Potassium	841	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	0.4	0.2	mg/kg	
Sodium	71	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	27.8	1.0	mg/kg	
Zinc	35.9	1.0	mg/kg	

<b>Total Mercury</b>		<b>Method: 7471B</b>		
Analysis Date: 09/24/18				
Mercury	< 0.05	0.05	mg/kg	

<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 09/26/18				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
n-Butanol	< 1,000	1000	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg	J
Dibromochloromethane	< 5.0	5.0	ug/kg	
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	





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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-3 (1-3)

**Sample No:** 18-5486-007

**Date Collected:** 09/18/18

**Time Collected:** 9:02

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 09/26/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	

<b>Semi-Volatile Compounds</b>		<b>Method: 8270C</b>	<b>Preparation Method 3540C</b>
Analysis Date: 09/21/18			Preparation Date: 09/20/18
Acenaphthylene	< 330	330	ug/kg
Anthracene	< 330	330	ug/kg
Benzo(a)anthracene	< 330	330	ug/kg
Benzo(a)pyrene	< 90	90	ug/kg
Benzo(b)fluoranthene	< 330	330	ug/kg
Benzo(k)fluoranthene	< 330	330	ug/kg
Benzo(ghi)perylene	< 330	330	ug/kg
Benzoic acid	< 330	330	ug/kg
Butyl benzyl phthalate	< 330	330	ug/kg
Carbazole	< 330	330	ug/kg
4-Chloroaniline	< 330	330	ug/kg
bis(2-Chloroethyl)ether	< 330	330	ug/kg
2-Chlorophenol	< 330	330	ug/kg
Chrysene	< 330	330	ug/kg
Dibenzo(a,h)anthracene	< 90	90	ug/kg
Di-n-butyl phthalate	< 330	330	ug/kg
1,2-Dichlorobenzene	< 330	330	ug/kg
1,4-Dichlorobenzene	< 330	330	ug/kg
3,3'-Dichlorobenzidine	< 660	660	ug/kg



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** 1-90/Rte 23

**Sample ID:** SB-3 (1-3)

**Sample No:** 18-5486-007

**Date Collected:** 09/18/18

**Time Collected:** 9:02

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
2,4-Dichlorophenol	< 330	330	ug/kg	
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	

<b>Semi-Volatile Pesticides</b>		<b>Method: 8270C</b>			<b>Preparation Method 3540C</b>	
Analysis Date: 09/21/18				Preparation Date: 09/20/18		
Alachlor	< 40	40	ug/kg		N	
Atrazine	< 66	66	ug/kg		N	
Simazine	< 40	40	ug/kg		N	

<b>Pesticides/PCBs</b>		<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>	
Analysis Date: 09/21/18				Preparation Date: 09/20/18	
Aldrin	< 8.0	8.0	ug/kg		
Aroclor 1016	< 80.0	80.0	ug/kg		



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-3 (1-3)

**Sample No:** 18-5486-007

**Date Collected:** 09/18/18

**Time Collected:** 9:02

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides**

**Method: 8321**

Analysis Date: 09/26/18

Aldicarb	< 10	10	ug/kg	N S
Carbofuran	< 50	50	ug/kg	N S
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	N S
Picloram	< 100	100	ug/kg	N S
Silvex (2,4,5-TP)	< 100	100	ug/kg	S



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-3 (9-11)

**Sample No:** 18-5486-008

**Date Collected:** 09/18/18

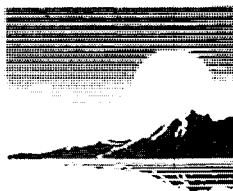
**Time Collected:** 9:08

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> Method: 2540B				
Analysis Date: 09/20/18 16:12				
Total Solids	86.25		%	
<b>Chloride, Soluble</b> Method: 4500CL,C				
Analysis Date: 09/20/18 13:00				
Chloride, Soluble	371	50	mg/kg	N
<b>Cyanide, Total</b> Method: 9010B/9014				
Analysis Date: 09/20/18				
Cyanide, Total	< 0.10	0.10	mg/kg	
<b>Fluoride, Soluble</b> Method: 4500F,C				
Analysis Date: 09/21/18 10:00				
Fluoride, Soluble	< 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> Method: 353.2R2.0				
Analysis Date: 09/24/18				
Nitrate + Nitrite (as N), Soluble	< 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> Method: 9045D 2004				
Analysis Date: 09/20/18 9:00				
pH @ 25°C, 1:2	7.99		Units	
<b>Sulfate, Soluble</b> Method: 9038				
Analysis Date: 09/24/18				
Sulfate, Soluble	< 150	150	mg/kg	N
<b>Total Metals</b> Method: 6010C Preparation Method 3050B				
Analysis Date: 09/21/18				Preparation Date: 09/21/18
Antimony	< 1.0	1.0	mg/kg	
Arsenic	< 1.0	1.0	mg/kg	
Barium	41.7	0.5	mg/kg	
Beryllium	< 0.5	0.5	mg/kg	
Boron	< 5.0	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	2,410	50	mg/kg	
Chromium	13.3	0.5	mg/kg	
Cobalt	2.8	0.5	mg/kg	
Copper	4.0	0.5	mg/kg	
Iron	5,680	5.0	mg/kg	
Lead	6.3	0.5	mg/kg	
Magnesium	2,070	50	mg/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-3 (9-11)

**Sample No:** 18-5486-008

**Date Collected:** 09/18/18

**Time Collected:** 9:08

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>		<b>Method: 6010C</b>		
Analysis Date: 09/21/18		<b>Preparation Method 3050B</b>		
		Preparation Date: 09/21/18		
Manganese	34.6	0.5	mg/kg	
Nickel	7.8	0.5	mg/kg	
Potassium	600	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	< 0.2	0.2	mg/kg	
Sodium	< 50	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	12.4	1.0	mg/kg	
Zinc	36.1	1.0	mg/kg	

<b>Total Mercury</b>		<b>Method: 7471B</b>		
Analysis Date: 09/24/18				
Mercury	< 0.05	0.05	mg/kg	

<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 09/26/18				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
n-Butanol	< 1,000	1000	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg	J
Dibromochloromethane	< 5.0	5.0	ug/kg	
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-3 (9-11)

**Sample No:** 18-5486-008

**Date Collected:** 09/18/18

**Time Collected:** 9:08

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>				
<b>Method: 5035A/8260B</b>				
Analysis Date: 09/26/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	
<b>Semi-Volatile Compounds</b>				
<b>Method: 8270C</b>				
Analysis Date: 09/21/18				
<b>Preparation Method 3540C</b>				
Preparation Date: 09/20/18				
Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	< 90	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Benzoic acid	< 330	330	ug/kg	
Butyl benzyl phthalate	< 330	330	ug/kg	
Carbazole	< 330	330	ug/kg	
4-Chloroaniline	< 330	330	ug/kg	
bis(2-Chloroethyl)ether	< 330	330	ug/kg	
2-Chlorophenol	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Di-n-butyl phthalate	< 330	330	ug/kg	
1,2-Dichlorobenzene	< 330	330	ug/kg	
1,4-Dichlorobenzene	< 330	330	ug/kg	
3,3'-Dichlorobenzidine	< 660	660	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-3 (9-11)

**Sample No:** 18-5486-008

**Date Collected:** 09/18/18

**Time Collected:** 9:08

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
2,4-Dichlorophenol	< 330	330	ug/kg	
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	
<b>Semi-Volatile Pesticides</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Alachlor	< 40	40	ug/kg	N
Atrazine	< 66	66	ug/kg	N
Simazine	< 40	40	ug/kg	N
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-3 (9-11)

**Sample No:** 18-5486-008

**Date Collected:** 09/18/18

**Time Collected:** 9:08

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides**

**Method: 8321**

Analysis Date: 09/26/18

Aldicarb	< 10	10	ug/kg	NS
Carbofuran	< 50	50	ug/kg	NS
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	NS
Picloram	< 100	100	ug/kg	NS
Silvex (2,4,5-TP)	< 100	100	ug/kg	S





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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-4 (5-7)

**Sample No:** 18-5486-009

**Date Collected:** 09/18/18

**Time Collected:** 9:36

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> <b>Method: 2540B</b>				
Analysis Date: 09/20/18 16:12				
Total Solids	82.41		%	
<b>Chloride, Soluble</b> <b>Method: 4500CL,C</b>				
Analysis Date: 09/20/18 13:00				
Chloride, Soluble	388	50	mg/kg	N
<b>Cyanide, Total</b> <b>Method: 9010B/9014</b>				
Analysis Date: 09/20/18				
Cyanide, Total	< 0.10	0.10	mg/kg	
<b>Fluoride, Soluble</b> <b>Method: 4500F,C</b>				
Analysis Date: 09/21/18 10:00				
Fluoride, Soluble	< 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> <b>Method: 353.2R2.0</b>				
Analysis Date: 09/24/18				
Nitrate + Nitrite (as N), Soluble	< 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> <b>Method: 9045D 2004</b>				
Analysis Date: 09/20/18 9:00				
pH @ 25°C, 1:2	7.72		Units	
<b>Sulfate, Soluble</b> <b>Method: 9038</b>				
Analysis Date: 09/24/18				
Sulfate, Soluble	< 150	150	mg/kg	N
<b>Total Metals</b> <b>Method: 6010C</b> <b>Preparation Method 3050B</b>				
Analysis Date: 09/21/18				Preparation Date: 09/21/18
Antimony	< 1.0	1.0	mg/kg	
Arsenic	< 1.0	1.0	mg/kg	
Barium	24.5	0.5	mg/kg	
Beryllium	< 0.5	0.5	mg/kg	
Boron	< 5.0	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	48,300	50	mg/kg	
Chromium	9.3	0.5	mg/kg	
Cobalt	2.2	0.5	mg/kg	
Copper	4.8	0.5	mg/kg	
Iron	6,130	5.0	mg/kg	
Lead	3.3	0.5	mg/kg	
Magnesium	29,000	50	mg/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-4 (5-7)

**Sample No:** 18-5486-009

**Date Collected:** 09/18/18

**Time Collected:** 9:36

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>				
<b>Method: 6010C</b>		<b>Preparation Method 3050B</b>		
Analysis Date: 09/21/18		Preparation Date: 09/21/18		
Manganese	82.2	0.5	mg/kg	
Nickel	5.2	0.5	mg/kg	
Potassium	551	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	0.2	0.2	mg/kg	
Sodium	95	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	19.1	1.0	mg/kg	
Zinc	11.7	1.0	mg/kg	
<b>Total Mercury</b>				
<b>Method: 7471B</b>				
Analysis Date: 09/24/18				
Mercury	< 0.05	0.05	mg/kg	
<b>Volatile Organic Compounds</b>				
<b>Method: 5035A/8260B</b>				
Analysis Date: 09/26/18				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
n-Butanol	< 1,000	1000	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg	J
Dibromochloromethane	< 5.0	5.0	ug/kg	
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-4 (5-7)

**Sample No:** 18-5486-009

**Date Collected:** 09/18/18

**Time Collected:** 9:36

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 09/26/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	

<b>Semi-Volatile Compounds</b>		<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>	
Analysis Date: 09/21/18				Preparation Date: 09/20/18	
Acenaphthylene	< 330	330	ug/kg		
Anthracene	< 330	330	ug/kg		
Benzo(a)anthracene	< 330	330	ug/kg		
Benzo(a)pyrene	< 90	90	ug/kg		
Benzo(b)fluoranthene	< 330	330	ug/kg		
Benzo(k)fluoranthene	< 330	330	ug/kg		
Benzo(ghi)perylene	< 330	330	ug/kg		
Benzoic acid	< 330	330	ug/kg		
Butyl benzyl phthalate	< 330	330	ug/kg		
Carbazole	< 330	330	ug/kg		
4-Chloroaniline	< 330	330	ug/kg		
bis(2-Chloroethyl)ether	< 330	330	ug/kg		
2-Chlorophenol	< 330	330	ug/kg		
Chrysene	< 330	330	ug/kg		
Dibenzo(a,h)anthracene	< 90	90	ug/kg		
Di-n-butyl phthalate	< 330	330	ug/kg		
1,2-Dichlorobenzene	< 330	330	ug/kg		
1,4-Dichlorobenzene	< 330	330	ug/kg		
3,3'-Dichlorobenzidine	< 660	660	ug/kg		



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-4 (5-7)

**Sample No:** 18-5486-009

**Date Collected:** 09/18/18

**Time Collected:** 9:36

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
2,4-Dichlorophenol	< 330	330	ug/kg	
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	
<b>Semi-Volatile Pesticides</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Alachlor	< 40	40	ug/kg	N
Atrazine	< 66	66	ug/kg	N
Simazine	< 40	40	ug/kg	N
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-4 (5-7)

**Sample No:** 18-5486-009

**Date Collected:** 09/18/18

**Time Collected:** 9:36

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides**

**Method: 8321**

Analysis Date: 09/26/18

Aldicarb	< 10	10	ug/kg	NS
Carbofuran	< 50	50	ug/kg	NS
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	NS
Picloram	< 100	100	ug/kg	NS
Silvex (2,4,5-TP)	< 100	100	ug/kg	S



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-4 (13-15)

**Sample No:** 18-5486-010

**Date Collected:** 09/18/18

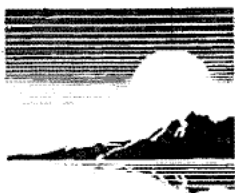
**Time Collected:** 9:44

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> Method: 2540B				
Analysis Date: 09/20/18 16:12				
Total Solids	86.02		%	
<b>Chloride, Soluble</b> Method: 4500CL,C				
Analysis Date: 09/20/18 13:00				
Chloride, Soluble	372	50	mg/kg	N
<b>Cyanide, Total</b> Method: 9010B/9014				
Analysis Date: 09/20/18				
Cyanide, Total	< 0.10	0.10	mg/kg	
<b>Fluoride, Soluble</b> Method: 4500F,C				
Analysis Date: 09/21/18 10:00				
Fluoride, Soluble	< 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> Method: 353.2R2.0				
Analysis Date: 09/24/18				
Nitrate + Nitrite (as N), Soluble	< 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> Method: 9045D 2004				
Analysis Date: 09/20/18 9:00				
pH @ 25°C, 1:2	8.44		Units	
<b>Sulfate, Soluble</b> Method: 9038				
Analysis Date: 09/24/18				
Sulfate, Soluble	< 150	150	mg/kg	N
<b>Total Metals</b> Method: 6010C Preparation Method 3050B				
Analysis Date: 09/21/18				Preparation Date: 09/21/18
Antimony	< 1.0	1.0	mg/kg	
Arsenic	< 1.0	1.0	mg/kg	
Barium	13.4	0.5	mg/kg	
Beryllium	< 0.5	0.5	mg/kg	
Boron	< 5.0	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	63,200	50	mg/kg	
Chromium	5.3	0.5	mg/kg	
Cobalt	2.6	0.5	mg/kg	
Copper	6.2	0.5	mg/kg	
Iron	3,200	5.0	mg/kg	
Lead	2.5	0.5	mg/kg	
Magnesium	37,700	50	mg/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-4 (13-15)

**Sample No:** 18-5486-010

**Date Collected:** 09/18/18

**Time Collected:** 9:44

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**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>				
<b>Method: 6010C</b>		<b>Preparation Method 3050B</b>		
Analysis Date: 09/21/18		Preparation Date: 09/21/18		
Manganese	119	0.5	mg/kg	
Nickel	5.3	0.5	mg/kg	
Potassium	474	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	< 0.2	0.2	mg/kg	
Sodium	91	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	6.8	1.0	mg/kg	
Zinc	11.6	1.0	mg/kg	
<b>Total Mercury</b>				
<b>Method: 7471B</b>				
Analysis Date: 09/24/18				
Mercury	< 0.05	0.05	mg/kg	
<b>Volatile Organic Compounds</b>				
<b>Method: 5035A/8260B</b>				
Analysis Date: 09/26/18				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
n-Butanol	< 1,000	1000	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg	J
Dibromochloromethane	< 5.0	5.0	ug/kg	
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-4 (13-15)

**Sample No:** 18-5486-010

**Date Collected:** 09/18/18

**Time Collected:** 9:44

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 09/26/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	

**Semi-Volatile Compounds**

**Method: 8270C**

**Preparation Method 3540C**

Analysis Date: 09/21/18

Preparation Date: 09/20/18

Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	< 90	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Benzoic acid	< 330	330	ug/kg	
Butyl benzyl phthalate	< 330	330	ug/kg	
Carbazole	< 330	330	ug/kg	
4-Chloroaniline	< 330	330	ug/kg	
bis(2-Chloroethyl)ether	< 330	330	ug/kg	
2-Chlorophenol	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Di-n-butyl phthalate	< 330	330	ug/kg	
1,2-Dichlorobenzene	< 330	330	ug/kg	
1,4-Dichlorobenzene	< 330	330	ug/kg	
3,3'-Dichlorobenzidine	< 660	660	ug/kg	





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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-4 (13-15)

**Sample No:** 18-5486-010

**Date Collected:** 09/18/18

**Time Collected:** 9:44

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
2,4-Dichlorophenol	< 330	330	ug/kg	
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	
<b>Semi-Volatile Pesticides</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Alachlor	< 40	40	ug/kg	N
Atrazine	< 66	66	ug/kg	N
Simazine	< 40	40	ug/kg	N
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	



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IL ELAP / NELAC Accreditation # 100292

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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-4 (13-15)

**Sample No:** 18-5486-010

**Date Collected:** 09/18/18

**Time Collected:** 9:44

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides**

**Method: 8321**

Analysis Date: 09/26/18

Aldicarb	< 10	10	ug/kg	NS
Carbofuran	< 50	50	ug/kg	NS
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	NS
Picloram	< 100	100	ug/kg	NS
Silvex (2,4,5-TP)	< 100	100	ug/kg	S



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-5 (1-3)

**Sample No:** 18-5486-011

**Date Collected:** 09/18/18

**Time Collected:** 14:02

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> Method: 2540B				
Analysis Date: 09/20/18 16:12				
Total Solids	82.67		%	
<b>Chloride, Soluble</b> Method: 4500CL,C				
Analysis Date: 09/20/18 13:00				
Chloride, Soluble	871	50	mg/kg	N
<b>Cyanide, Total</b> Method: 9010B/9014				
Analysis Date: 09/20/18				
Cyanide, Total	< 0.10	0.10	mg/kg	
<b>Fluoride, Soluble</b> Method: 4500F,C				
Analysis Date: 09/21/18 10:00				
Fluoride, Soluble	< 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> Method: 353.2R2.0				
Analysis Date: 09/24/18				
Nitrate + Nitrite (as N), Soluble	< 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> Method: 9045D 2004				
Analysis Date: 09/20/18 9:00				
pH @ 25°C, 1:2	7.70		Units	
<b>Sulfate, Soluble</b> Method: 9038				
Analysis Date: 09/24/18				
Sulfate, Soluble	< 150	150	mg/kg	N
<b>Total Metals</b> Method: 6010C Preparation Method 3050B				
Analysis Date: 09/24/18				Preparation Date: 09/24/18
Antimony	< 1.0	1.0	mg/kg	
Arsenic	1.0	1.0	mg/kg	
Barium	18.2	0.5	mg/kg	
Beryllium	< 0.5	0.5	mg/kg	
Boron	< 5.0	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	57,000	50	mg/kg	
Chromium	12.3	0.5	mg/kg	
Cobalt	2.6	0.5	mg/kg	
Copper	4.7	0.5	mg/kg	
Iron	6,910	5.0	mg/kg	
Lead	3.6	0.5	mg/kg	
Magnesium	35,000	50	mg/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-5 (1-3)

**Sample No:** 18-5486-011

**Date Collected:** 09/18/18

**Time Collected:** 14:02

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>				
Method: 6010C		Preparation Method 3050B		
Analysis Date: 09/24/18		Preparation Date: 09/24/18		
Manganese	153	0.5	mg/kg	
Nickel	7.9	0.5	mg/kg	
Potassium	426	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	< 0.2	0.2	mg/kg	
Sodium	106	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	14.9	1.0	mg/kg	
Zinc	17.6	1.0	mg/kg	
<b>Total Mercury</b>				
Method: 7471B				
Analysis Date: 09/24/18				
Mercury	< 0.05	0.05	mg/kg	
<b>Volatile Organic Compounds</b>				
Method: 5035A/8260B				
Analysis Date: 09/26/18				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
n-Butanol	< 1,000	1000	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg	J
Dibromochloromethane	< 5.0	5.0	ug/kg	
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-5 (1-3)

**Sample No:** 18-5486-011

**Date Collected:** 09/18/18

**Time Collected:** 14:02

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 09/26/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	

<b>Semi-Volatile Compounds</b>		<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>
Analysis Date: 09/27/18				Preparation Date: 09/20/18
Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	< 90	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Benzoic acid	< 330	330	ug/kg	
Butyl benzyl phthalate	< 330	330	ug/kg	
Carbazole	< 330	330	ug/kg	
4-Chloroaniline	< 330	330	ug/kg	
bis(2-Chloroethyl)ether	< 330	330	ug/kg	
2-Chlorophenol	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Di-n-butyl phthalate	< 330	330	ug/kg	
1,2-Dichlorobenzene	< 330	330	ug/kg	
1,4-Dichlorobenzene	< 330	330	ug/kg	
3,3'-Dichlorobenzidine	< 660	660	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-5 (1-3)

**Sample No:** 18-5486-011

**Date Collected:** 09/18/18

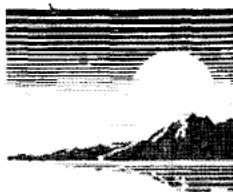
**Time Collected:** 14:02

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/27/18		Preparation Date: 09/20/18		
2,4-Dichlorophenol	< 330	330	ug/kg	
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	
<b>Semi-Volatile Pesticides</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/27/18		Preparation Date: 09/20/18		
Alachlor	< 40	40	ug/kg	N
Atrazine	< 66	66	ug/kg	N
Simazine	< 40	40	ug/kg	N
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-5 (1-3)

**Sample No:** 18-5486-011

**Date Collected:** 09/18/18

**Time Collected:** 14:02

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides**

**Method: 8321**

Analysis Date: 09/26/18

Aldicarb	< 10	10	ug/kg	NS
Carbofuran	< 50	50	ug/kg	NS
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	NS
Picloram	< 100	100	ug/kg	NS
Silvex (2,4,5-TP)	< 100	100	ug/kg	S



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-5 (9-11)

**Sample No:** 18-5486-012

**Date Collected:** 09/18/18

**Time Collected:** 14:08

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> <b>Method: 2540B</b>				
Analysis Date: 09/20/18 16:12				
Total Solids	89.29		%	
<b>Chloride, Soluble</b> <b>Method: 4500CL,C</b>				
Analysis Date: 09/20/18 13:00				
Chloride, Soluble	358	50	mg/kg	N
<b>Cyanide, Total</b> <b>Method: 9010B/9014</b>				
Analysis Date: 09/20/18				
Cyanide, Total	< 0.10	0.10	mg/kg	
<b>Fluoride, Soluble</b> <b>Method: 4500F,C</b>				
Analysis Date: 09/21/18 10:00				
Fluoride, Soluble	< 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> <b>Method: 353.2R2.0</b>				
Analysis Date: 09/24/18				
Nitrate + Nitrite (as N), Soluble	< 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> <b>Method: 9045D 2004</b>				
Analysis Date: 09/20/18 9:00				
pH @ 25°C, 1:2	8.39		Units	
<b>Sulfate, Soluble</b> <b>Method: 9038</b>				
Analysis Date: 09/24/18				
Sulfate, Soluble	< 150	150	mg/kg	N
<b>Total Metals</b> <b>Method: 6010C</b> <b>Preparation Method 3050B</b>				
Analysis Date: 09/24/18				Preparation Date: 09/24/18
Antimony	< 1.0	1.0	mg/kg	
Arsenic	< 1.0	1.0	mg/kg	
Barium	9.8	0.5	mg/kg	
Beryllium	< 0.5	0.5	mg/kg	
Boron	< 5.0	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	43,400	50	mg/kg	
Chromium	12.0	0.5	mg/kg	
Cobalt	1.7	0.5	mg/kg	
Copper	5.0	0.5	mg/kg	
Iron	4,120	5.0	mg/kg	
Lead	1.9	0.5	mg/kg	
Magnesium	24,500	50	mg/kg	





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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-5 (9-11)

**Sample No:** 18-5486-012

**Date Collected:** 09/18/18

**Time Collected:** 14:08

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>				
<b>Method: 6010C</b>		<b>Preparation Method 3050B</b>		
Analysis Date: 09/24/18		Preparation Date: 09/24/18		
Manganese	86.5	0.5	mg/kg	
Nickel	4.7	0.5	mg/kg	
Potassium	271	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	< 0.2	0.2	mg/kg	
Sodium	73	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	8.5	1.0	mg/kg	
Zinc	7.9	1.0	mg/kg	
<b>Total Mercury</b>				
<b>Method: 7471B</b>				
Analysis Date: 09/24/18				
Mercury	< 0.05	0.05	mg/kg	
<b>Volatile Organic Compounds</b>				
<b>Method: 5035A/8260B</b>				
Analysis Date: 09/26/18				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
n-Butanol	< 1,000	1000	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg	J
Dibromochloromethane	< 5.0	5.0	ug/kg	
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-5 (9-11)

**Sample No:** 18-5486-012

**Date Collected:** 09/18/18

**Time Collected:** 14:08

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 09/26/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	

**Semi-Volatile Compounds**

**Method: 8270C**

**Preparation Method 3540C**

Analysis Date: 09/27/18

Preparation Date: 09/20/18

Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	< 90	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Benzoic acid	< 330	330	ug/kg	
Butyl benzyl phthalate	< 330	330	ug/kg	
Carbazole	< 330	330	ug/kg	
4-Chloroaniline	< 330	330	ug/kg	
bis(2-Chloroethyl)ether	< 330	330	ug/kg	
2-Chlorophenol	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Di-n-butyl phthalate	< 330	330	ug/kg	
1,2-Dichlorobenzene	< 330	330	ug/kg	
1,4-Dichlorobenzene	< 330	330	ug/kg	
3,3'-Dichlorobenzidine	< 660	660	ug/kg	



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IL ELAP / NELAC Accreditation # 100292

**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-5 (9-11)

**Sample No:** 18-5486-012

**Date Collected:** 09/18/18

**Time Collected:** 14:08

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/27/18		Preparation Date: 09/20/18		
2,4-Dichlorophenol	< 330	330	ug/kg	
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	

**Semi-Volatile Pesticides**

**Method: 8270C**

**Preparation Method 3540C**

Analysis Date: 09/27/18

Preparation Date: 09/20/18

Alachlor	< 40	40	ug/kg	N
Atrazine	< 66	66	ug/kg	N
Simazine	< 40	40	ug/kg	N

**Pesticides/PCBs**

**Method: 8081A/8082**

**Preparation Method 3546**

Analysis Date: 09/21/18

Preparation Date: 09/20/18

Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.  
**Project ID:** I-90/Rte 23  
**Sample ID:** SB-5 (9-11)  
**Sample No:** 18-5486-012

**Date Collected:** 09/18/18  
**Time Collected:** 14:08  
**Date Received:** 09/19/18  
**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/21/18		Preparation Date: 09/20/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides** **Method: 8321**

Analysis Date: 09/26/18

Aldicarb	< 10	10	ug/kg	N S
Carbofuran	< 50	50	ug/kg	N S
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	N S
Picloram	< 100	100	ug/kg	N S
Silvex (2,4,5-TP)	< 100	100	ug/kg	S



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-6 (0-1)

**Sample No:** 18-5486-013

**Date Collected:** 09/18/18

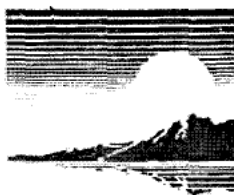
**Time Collected:** 12:15

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> <b>Method: 2540B</b>				
Analysis Date: 09/20/18 16:12				
Total Solids	91.53		%	
<b>Chloride, Soluble</b> <b>Method: 4500CL,C</b>				
Analysis Date: 09/20/18 13:00				
Chloride, Soluble	350	50	mg/kg	N
<b>Cyanide, Total</b> <b>Method: 9010B/9014</b>				
Analysis Date: 09/20/18				
Cyanide, Total	< 0.10	0.10	mg/kg	
<b>Fluoride, Soluble</b> <b>Method: 4500F,C</b>				
Analysis Date: 09/21/18 10:00				
Fluoride, Soluble	< 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> <b>Method: 353.2R2.0</b>				
Analysis Date: 09/24/18				
Nitrate + Nitrite (as N), Soluble	< 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> <b>Method: 9045D 2004</b>				
Analysis Date: 09/20/18 9:00				
pH @ 25°C, 1:2	8.18		Units	
<b>Sulfate, Soluble</b> <b>Method: 9038</b>				
Analysis Date: 09/24/18				
Sulfate, Soluble	< 150	150	mg/kg	N
<b>Total Metals</b> <b>Method: 6010C</b> <b>Preparation Method 3050B</b>				
Analysis Date: 09/24/18				
			Preparation Date: 09/24/18	
Antimony	< 1.0	1.0	mg/kg	
Arsenic	2.3	1.0	mg/kg	
Barium	61.3	0.5	mg/kg	
Beryllium	< 0.5	0.5	mg/kg	
Boron	< 5.0	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	39,700	50	mg/kg	
Chromium	12.0	0.5	mg/kg	
Cobalt	3.7	0.5	mg/kg	
Copper	9.3	0.5	mg/kg	
Iron	11,500	5.0	mg/kg	
Lead	9.9	0.5	mg/kg	
Magnesium	21,900	50	mg/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-6 (0-1)

**Sample No:** 18-5486-013

**Date Collected:** 09/18/18

**Time Collected:** 12:15

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>				
<b>Method: 6010C</b>		<b>Preparation Method 3050B</b>		
Analysis Date: 09/24/18		Preparation Date: 09/24/18		
Manganese	252	0.5	mg/kg	
Nickel	9.2	0.5	mg/kg	
Potassium	637	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	0.3	0.2	mg/kg	
Sodium	319	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	23.7	1.0	mg/kg	
Zinc	28.9	1.0	mg/kg	

**Total Mercury**

**Method: 7471B**

Analysis Date: 09/24/18

Mercury	< 0.05	0.05	mg/kg
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**Volatile Organic Compounds**

**Method: 5035A/8260B**

Analysis Date: 09/26/18

Acetone	< 200	200	ug/kg
Benzene	< 5.0	5.0	ug/kg
Bromodichloromethane	< 5.0	5.0	ug/kg
Bromoform	< 5.0	5.0	ug/kg
Bromomethane	< 10.0	10.0	ug/kg
n-Butanol	< 1,000	1000	ug/kg
2-Butanone (MEK)	< 100	100	ug/kg
Carbon disulfide	< 5.0	5.0	ug/kg
Carbon tetrachloride	< 5.0	5.0	ug/kg
Chlorobenzene	< 5.0	5.0	ug/kg
Chloroform	< 5.0	5.0	ug/kg
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg
Dibromochloromethane	< 5.0	5.0	ug/kg
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg
1,1-Dichloroethane	< 5.0	5.0	ug/kg
1,2-Dichloroethane	< 5.0	5.0	ug/kg
1,1-Dichloroethene	< 5.0	5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg
1,2-Dichloropropane	< 5.0	5.0	ug/kg
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-6 (0-1)

**Sample No:** 18-5486-013

**Date Collected:** 09/18/18

**Time Collected:** 12:15

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 09/26/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	

<b>Semi-Volatile Compounds</b>		<b>Method: 8270C</b>	<b>Preparation Method 3540C</b>
Analysis Date: 09/25/18			Preparation Date: 09/24/18
Acenaphthylene	< 330	330	ug/kg
Anthracene	< 330	330	ug/kg
Benzo(a)anthracene	< 330	330	ug/kg
Benzo(a)pyrene	< 90	90	ug/kg
Benzo(b)fluoranthene	< 330	330	ug/kg
Benzo(k)fluoranthene	< 330	330	ug/kg
Benzo(ghi)perylene	< 330	330	ug/kg
Benzoic acid	< 330	330	ug/kg
Butyl benzyl phthalate	< 330	330	ug/kg
Carbazole	< 330	330	ug/kg
4-Chloroaniline	< 330	330	ug/kg
bis(2-Chloroethyl)ether	< 330	330	ug/kg
2-Chlorophenol	< 330	330	ug/kg
Chrysene	< 330	330	ug/kg
Dibenzo(a,h)anthracene	< 90	90	ug/kg
Di-n-butyl phthalate	< 330	330	ug/kg
1,2-Dichlorobenzene	< 330	330	ug/kg
1,4-Dichlorobenzene	< 330	330	ug/kg
3,3'-Dichlorobenzidine	< 660	660	ug/kg



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-6 (0-1)

**Sample No:** 18-5486-013

**Date Collected:** 09/18/18

**Time Collected:** 12:15

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
Analysis Date: 09/25/18	Method: 8270C	Preparation Method 3540C		
		Preparation Date: 09/24/18		
2,4-Dichlorophenol	< 330	330	ug/kg	
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	
<b>Semi-Volatile Pesticides</b>				
Analysis Date: 09/25/18	Method: 8270C	Preparation Method 3540C		
		Preparation Date: 09/24/18		
Alachlor	< 40	40	ug/kg	N
Atrazine	< 66	66	ug/kg	N
Simazine	< 40	40	ug/kg	N
<b>Pesticides/PCBs</b>				
Analysis Date: 09/26/18	Method: 8081A/8082	Preparation Method 3546		
		Preparation Date: 09/20/18		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	





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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-6 (0-1)

**Sample No:** 18-5486-013

**Date Collected:** 09/18/18

**Time Collected:** 12:15

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

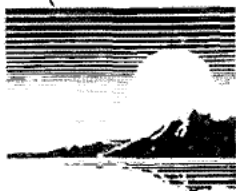
Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/26/18		Preparation Date: 09/20/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides**

**Method: 8321**

Analysis Date: 09/26/18

Aldicarb	< 10	10	ug/kg	N S
Carbofuran	< 50	50	ug/kg	N S
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	N S
Picloram	< 100	100	ug/kg	N S
Silvex (2,4,5-TP)	< 100	100	ug/kg	S



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-6 (7-9)

**Sample No:** 18-5486-014

**Date Collected:** 09/18/18

**Time Collected:** 12:23

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> Method: 2540B				
Analysis Date: 09/20/18 16:12				
Total Solids	81.94		%	
<b>Chloride, Soluble</b> Method: 4500CL,C				
Analysis Date: 09/20/18 13:00				
Chloride, Soluble	635	50	mg/kg	N
<b>Cyanide, Total</b> Method: 9010B/9014				
Analysis Date: 09/24/18				
Cyanide, Total	< 0.10	0.10	mg/kg	
<b>Fluoride, Soluble</b> Method: 4500F,C				
Analysis Date: 09/21/18 10:00				
Fluoride, Soluble	< 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> Method: 353.2R2.0				
Analysis Date: 09/24/18				
Nitrate + Nitrite (as N), Soluble	< 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> Method: 9045D 2004				
Analysis Date: 09/20/18 9:00				
pH @ 25°C, 1:2	8.01		Units	
<b>Sulfate, Soluble</b> Method: 9038				
Analysis Date: 09/24/18				
Sulfate, Soluble	< 150	150	mg/kg	N
<b>Total Metals</b> Method: 6010C Preparation Method 3050B				
Analysis Date: 09/24/18				Preparation Date: 09/24/18
Antimony	< 1.0	1.0	mg/kg	
Arsenic	1.5	1.0	mg/kg	
Barium	74.4	0.5	mg/kg	
Beryllium	0.5	0.5	mg/kg	
Boron	11.7	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	71,600	50	mg/kg	
Chromium	20.6	0.5	mg/kg	
Cobalt	7.7	0.5	mg/kg	
Copper	20.0	0.5	mg/kg	
Iron	19,900	5.0	mg/kg	
Lead	6.9	0.5	mg/kg	
Magnesium	35,000	50	mg/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-6 (7-9)

**Sample No:** 18-5486-014

**Date Collected:** 09/18/18

**Time Collected:** 12:23

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>	<b>Method: 6010C</b>	<b>Preparation Method 3050B</b>		
Analysis Date: 09/24/18		Preparation Date: 09/24/18		
Manganese	555	0.5	mg/kg	
Nickel	20.8	0.5	mg/kg	
Potassium	3,650	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	0.4	0.2	mg/kg	
Sodium	127	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	27.8	1.0	mg/kg	
Zinc	29.1	1.0	mg/kg	

**Total Mercury**  
Analysis Date: 09/24/18

**Method: 7471B**

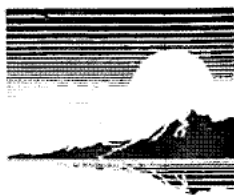
Mercury	< 0.05	0.05	mg/kg
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**Volatile Organic Compounds**  
Analysis Date: 09/26/18

**Method: 5035A/8260B**

Acetone	< 200	200	ug/kg
Benzene	< 5.0	5.0	ug/kg
Bromodichloromethane	< 5.0	5.0	ug/kg
Bromoform	< 5.0	5.0	ug/kg
Bromomethane	< 10.0	10.0	ug/kg
n-Butanol	< 1,000	1000	ug/kg
2-Butanone (MEK)	< 100	100	ug/kg
Carbon disulfide	< 5.0	5.0	ug/kg
Carbon tetrachloride	< 5.0	5.0	ug/kg
Chlorobenzene	< 5.0	5.0	ug/kg
Chloroform	< 5.0	5.0	ug/kg
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg
Dibromochloromethane	< 5.0	5.0	ug/kg
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg
1,1-Dichloroethane	< 5.0	5.0	ug/kg
1,2-Dichloroethane	< 5.0	5.0	ug/kg
1,1-Dichloroethene	< 5.0	5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg
1,2-Dichloropropane	< 5.0	5.0	ug/kg
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg

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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-6 (7-9)

**Sample No:** 18-5486-014

**Date Collected:** 09/18/18

**Time Collected:** 12:23

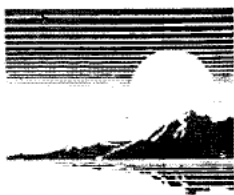
**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 09/26/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	

Semi-Volatile Compounds		Method: 8270C	Preparation Method 3540C	
Analysis Date: 09/26/18			Preparation Date: 09/24/18	
Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	< 90	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Benzoic acid	< 330	330	ug/kg	
Butyl benzyl phthalate	< 330	330	ug/kg	
Carbazole	< 330	330	ug/kg	
4-Chloroaniline	< 330	330	ug/kg	
bis(2-Chloroethyl)ether	< 330	330	ug/kg	
2-Chlorophenol	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Di-n-butyl phthalate	< 330	330	ug/kg	
1,2-Dichlorobenzene	< 330	330	ug/kg	
1,4-Dichlorobenzene	< 330	330	ug/kg	
3,3'-Dichlorobenzidine	< 660	660	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-6 (7-9)

**Sample No:** 18-5486-014

**Date Collected:** 09/18/18

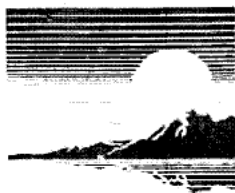
**Time Collected:** 12:23

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/26/18		Preparation Date: 09/24/18		
2,4-Dichlorophenol	< 330	330	ug/kg	
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	
<b>Semi-Volatile Pesticides</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/26/18		Preparation Date: 09/24/18		
Alachlor	< 40	40	ug/kg	N
Atrazine	< 66	66	ug/kg	N
Simazine	< 40	40	ug/kg	N
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/26/18		Preparation Date: 09/20/18		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-6 (7-9)

**Sample No:** 18-5486-014

**Date Collected:** 09/18/18

**Time Collected:** 12:23

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/26/18		Preparation Date: 09/20/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides**

**Method: 8321**

Analysis Date: 09/26/18

Aldicarb	< 10	10	ug/kg	NS
Carbofuran	< 50	50	ug/kg	NS
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	NS
Picloram	< 100	100	ug/kg	NS
Silvex (2,4,5-TP)	< 100	100	ug/kg	S



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-7 (1-3)

**Sample No:** 18-5486-015

**Date Collected:** 09/18/18

**Time Collected:** 10:44

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> Analysis Date: 09/20/18 16:12 Total Solids	<b>Method: 2540B</b>  88.58		%	
<b>Chloride, Soluble</b> Analysis Date: 09/26/18 15:00 Chloride, Soluble	<b>Method: 4500CL,C</b>  497	50	mg/kg	N
<b>Cyanide, Total</b> Analysis Date: 09/24/18 Cyanide, Total	<b>Method: 9010B/9014</b>  < 0.10	0.10	mg/kg	
<b>Fluoride, Soluble</b> Analysis Date: 09/25/18 15:30 Fluoride, Soluble	<b>Method: 4500F,C</b>  < 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> Analysis Date: 09/24/18 Nitrate + Nitrite (as N), Soluble	<b>Method: 353.2R2.0</b>  < 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> Analysis Date: 09/20/18 9:00 pH @ 25°C, 1:2	<b>Method: 9045D 2004</b>  8.91		Units	
<b>Sulfate, Soluble</b> Analysis Date: 09/24/18 Sulfate, Soluble	<b>Method: 9038</b>  < 150	150	mg/kg	N
<b>Total Metals</b> Analysis Date: 09/24/18	<b>Method: 6010C</b>	<b>Preparation Method 3050B</b> Preparation Date: 09/24/18		
Antimony	< 1.0	1.0	mg/kg	
Arsenic	1.2	1.0	mg/kg	
Barium	33.7	0.5	mg/kg	
Beryllium	< 0.5	0.5	mg/kg	
Boron	7.5	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	105,000	50	mg/kg	
Chromium	7.7	0.5	mg/kg	
Cobalt	2.3	0.5	mg/kg	
Copper	6.8	0.5	mg/kg	
Iron	6,730	5.0	mg/kg	
Lead	3.0	0.5	mg/kg	
Magnesium	60,000	50	mg/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Date Collected:** 09/18/18

**Project ID:** I-90/Rte 23

**Time Collected:** 10:44

**Sample ID:** SB-7 (1-3)

**Date Received:** 09/19/18

**Sample No:** 18-5486-015

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>	<b>Method: 6010C</b>	<b>Preparation Method 3050B</b>		
Analysis Date: 09/24/18		Preparation Date: 09/24/18		
Manganese	198	0.5	mg/kg	
Nickel	5.8	0.5	mg/kg	
Potassium	408	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	0.2	0.2	mg/kg	
Sodium	172	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	16.0	1.0	mg/kg	
Zinc	15.7	1.0	mg/kg	

**Total Mercury**  
Analysis Date: 09/24/18

**Method: 7471B**

Mercury	< 0.05	0.05	mg/kg
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**Volatile Organic Compounds**  
Analysis Date: 09/26/18

**Method: 5035A/8260B**

Acetone	< 200	200	ug/kg
Benzene	< 5.0	5.0	ug/kg
Bromodichloromethane	< 5.0	5.0	ug/kg
Bromoform	< 5.0	5.0	ug/kg
Bromomethane	< 10.0	10.0	ug/kg
n-Butanol	< 1,000	1000	ug/kg
2-Butanone (MEK)	< 100	100	ug/kg
Carbon disulfide	< 5.0	5.0	ug/kg
Carbon tetrachloride	< 5.0	5.0	ug/kg
Chlorobenzene	< 5.0	5.0	ug/kg
Chloroform	< 5.0	5.0	ug/kg
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg
Dibromochloromethane	< 5.0	5.0	ug/kg
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg
1,1-Dichloroethane	< 5.0	5.0	ug/kg
1,2-Dichloroethane	< 5.0	5.0	ug/kg
1,1-Dichloroethene	< 5.0	5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg
1,2-Dichloropropane	< 5.0	5.0	ug/kg
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg

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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-7 (1-3)

**Sample No:** 18-5486-015

**Date Collected:** 09/18/18

**Time Collected:** 10:44

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 09/26/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	

<b>Semi-Volatile Compounds</b>		<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>
Analysis Date: 09/26/18				Preparation Date: 09/25/18
Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	< 90	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Benzoic acid	< 330	330	ug/kg	
Butyl benzyl phthalate	< 330	330	ug/kg	
Carbazole	< 330	330	ug/kg	
4-Chloroaniline	< 330	330	ug/kg	
bis(2-Chloroethyl)ether	< 330	330	ug/kg	
2-Chlorophenol	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Di-n-butyl phthalate	< 330	330	ug/kg	
1,2-Dichlorobenzene	< 330	330	ug/kg	
1,4-Dichlorobenzene	< 330	330	ug/kg	
3,3'-Dichlorobenzidine	< 660	660	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** 1-90/Rte 23

**Sample ID:** SB-7 (1-3)

**Sample No:** 18-5486-015

**Date Collected:** 09/18/18

**Time Collected:** 10:44

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/26/18		Preparation Date: 09/25/18		
2,4-Dichlorophenol	< 330	330	ug/kg	
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	
<b>Semi-Volatile Pesticides</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/26/18		Preparation Date: 09/25/18		
Alachlor	< 40	40	ug/kg	N
Atrazine	< 66	66	ug/kg	N
Simazine	< 40	40	ug/kg	N
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/26/18		Preparation Date: 09/20/18		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	



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1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-7 (1-3)

**Sample No:** 18-5486-015

**Date Collected:** 09/18/18

**Time Collected:** 10:44

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/26/18		Preparation Date: 09/20/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides**

**Method: 8321**

Analysis Date: 09/27/18

Aldicarb	< 10	10	ug/kg	N S
Carbofuran	< 50	50	ug/kg	N S
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	N S
Picloram	< 100	100	ug/kg	N S
Silvex (2,4,5-TP)	< 100	100	ug/kg	S



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-7 (9-11)

**Sample No:** 18-5486-016

**Date Collected:** 09/18/18

**Time Collected:** 10:52

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> Method: 2540B				
Analysis Date: 09/20/18 16:12				
Total Solids	63.78		%	
<b>Chloride, Soluble</b> Method: 4500CL,C				
Analysis Date: 09/26/18 15:00				
Chloride, Soluble	188	50	mg/kg	N
<b>Cyanide, Total</b> Method: 9010B/9014				
Analysis Date: 09/24/18				
Cyanide, Total	< 0.10	0.10	mg/kg	
<b>Fluoride, Soluble</b> Method: 4500F,C				
Analysis Date: 09/25/18 15:30				
Fluoride, Soluble	< 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> Method: 353.2R2.0				
Analysis Date: 09/24/18				
Nitrate + Nitrite (as N), Soluble	< 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> Method: 9045D 2004				
Analysis Date: 09/20/18 9:00				
pH @ 25°C, 1:2	8.42		Units	
<b>Sulfate, Soluble</b> Method: 9038				
Analysis Date: 09/24/18				
Sulfate, Soluble	< 150	150	mg/kg	N
<b>Total Metals</b> Method: 6010C				
Analysis Date: 09/24/18				
		<b>Preparation Method 3050B</b>		
		Preparation Date: 09/24/18		
Antimony	< 1.0	1.0	mg/kg	
Arsenic	< 1.0	1.0	mg/kg	
Barium	43.8	0.5	mg/kg	
Beryllium	< 0.5	0.5	mg/kg	
Boron	< 5.0	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	14,100	50	mg/kg	
Chromium	11.0	0.5	mg/kg	
Cobalt	1.6	0.5	mg/kg	
Copper	8.6	0.5	mg/kg	
Iron	3,650	5.0	mg/kg	
Lead	5.9	0.5	mg/kg	
Magnesium	7,050	50	mg/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-7 (9-11)

**Sample No:** 18-5486-016

**Date Collected:** 09/18/18

**Time Collected:** 10:52

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>				
<b>Method: 6010C</b>		<b>Preparation Method 3050B</b>		
Analysis Date: 09/24/18		Preparation Date: 09/24/18		
Manganese	29.8	0.5	mg/kg	
Nickel	4.5	0.5	mg/kg	
Potassium	245	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	< 0.2	0.2	mg/kg	
Sodium	< 50	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	20.5	1.0	mg/kg	
Zinc	12.4	1.0	mg/kg	
<b>Total Mercury</b>				
<b>Method: 7471B</b>				
Analysis Date: 09/24/18				
Mercury	< 0.05	0.05	mg/kg	
<b>Volatile Organic Compounds</b>				
<b>Method: 5035A/8260B</b>				
Analysis Date: 09/26/18				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
n-Butanol	< 1,000	1000	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg	J
Dibromochloromethane	< 5.0	5.0	ug/kg	
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-7 (9-11)

**Sample No:** 18-5486-016

**Date Collected:** 09/18/18

**Time Collected:** 10:52

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 09/26/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	

**Semi-Volatile Compounds**

**Method: 8270C**

**Preparation Method 3540C**

Analysis Date: 09/25/18

Preparation Date: 09/24/18

Acenaphthylene	< 330	330	ug/kg
Anthracene	< 330	330	ug/kg
Benzo(a)anthracene	< 330	330	ug/kg
Benzo(a)pyrene	< 90	90	ug/kg
Benzo(b)fluoranthene	< 330	330	ug/kg
Benzo(k)fluoranthene	< 330	330	ug/kg
Benzo(ghi)perylene	< 330	330	ug/kg
Benzoic acid	< 330	330	ug/kg
Butyl benzyl phthalate	< 330	330	ug/kg
Carbazole	< 330	330	ug/kg
4-Chloroaniline	< 330	330	ug/kg
bis(2-Chloroethyl)ether	< 330	330	ug/kg
2-Chlorophenol	< 330	330	ug/kg
Chrysene	< 330	330	ug/kg
Dibenzo(a,h)anthracene	< 90	90	ug/kg
Di-n-butyl phthalate	< 330	330	ug/kg
1,2-Dichlorobenzene	< 330	330	ug/kg
1,4-Dichlorobenzene	< 330	330	ug/kg
3,3'-Dichlorobenzidine	< 660	660	ug/kg



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-7 (9-11)

**Sample No:** 18-5486-016

**Date Collected:** 09/18/18

**Time Collected:** 10:52

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/25/18		Preparation Date: 09/24/18		
2,4-Dichlorophenol	< 330	330	ug/kg	
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	
<b>Semi-Volatile Pesticides</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/25/18		Preparation Date: 09/24/18		
Alachlor	< 40	40	ug/kg	N
Atrazine	< 66	66	ug/kg	N
Simazine	< 40	40	ug/kg	N
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/26/18		Preparation Date: 09/20/18		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-7 (9-11)

**Sample No:** 18-5486-016

**Date Collected:** 09/18/18

**Time Collected:** 10:52

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/26/18		Preparation Date: 09/20/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides**

**Method: 8321**

Analysis Date: 09/27/18

Aldicarb	< 10	10	ug/kg	NS
Carbofuran	< 50	50	ug/kg	NS
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	NS
Picloram	< 100	100	ug/kg	NS
Silvex (2,4,5-TP)	< 100	100	ug/kg	S





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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-8 (1-3)

**Sample No:** 18-5486-017

**Date Collected:** 09/18/18

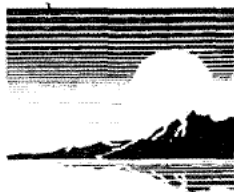
**Time Collected:** 11:55

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> <b>Method: 2540B</b>				
Analysis Date: 09/20/18 16:12				
Total Solids	95.28		%	
<b>Chloride, Soluble</b> <b>Method: 4500CL,C</b>				
Analysis Date: 09/26/18 15:00				
Chloride, Soluble	336	50	mg/kg	N
<b>Cyanide, Total</b> <b>Method: 9010B/9014</b>				
Analysis Date: 09/24/18				
Cyanide, Total	0.14	0.10	mg/kg	
<b>Fluoride, Soluble</b> <b>Method: 4500F,C</b>				
Analysis Date: 09/25/18 15:30				
Fluoride, Soluble	< 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> <b>Method: 353.2R2.0</b>				
Analysis Date: 09/24/18				
Nitrate + Nitrite (as N), Soluble	< 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> <b>Method: 9045D 2004</b>				
Analysis Date: 09/20/18 9:00				
pH @ 25°C, 1:2	8.97		Units	
<b>Sulfate, Soluble</b> <b>Method: 9038</b>				
Analysis Date: 09/24/18				
Sulfate, Soluble	< 150	150	mg/kg	N
<b>Total Metals</b> <b>Method: 6010C</b> <b>Preparation Method 3050B</b>				
Analysis Date: 09/24/18				Preparation Date: 09/24/18
Antimony	< 1.0	1.0	mg/kg	
Arsenic	< 1.0	1.0	mg/kg	
Barium	13.6	0.5	mg/kg	
Beryllium	< 0.5	0.5	mg/kg	
Boron	8.6	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	130,000	50	mg/kg	
Chromium	10.4	0.5	mg/kg	
Cobalt	1.6	0.5	mg/kg	
Copper	4.7	0.5	mg/kg	
Iron	4,940	5.0	mg/kg	
Lead	3.9	0.5	mg/kg	
Magnesium	68,400	50	mg/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-8 (1-3)

**Sample No:** 18-5486-017

**Date Collected:** 09/18/18

**Time Collected:** 11:55

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>	<b>Method: 6010C</b>	<b>Preparation Method 3050B</b>		
Analysis Date: 09/24/18		Preparation Date: 09/24/18		
Manganese	297	0.5	mg/kg	
Nickel	7.0	0.5	mg/kg	
Potassium	378	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	< 0.2	0.2	mg/kg	
Sodium	231	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	20.1	1.0	mg/kg	
Zinc	17.7	1.0	mg/kg	

**Total Mercury**

**Method: 7471B**

Analysis Date: 09/24/18

Mercury	< 0.05	0.05	mg/kg
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**Volatile Organic Compounds**

**Method: 5035A/8260B**

Analysis Date: 09/26/18

Acetone	< 200	200	ug/kg
Benzene	< 5.0	5.0	ug/kg
Bromodichloromethane	< 5.0	5.0	ug/kg
Bromoform	< 5.0	5.0	ug/kg
Bromomethane	< 10.0	10.0	ug/kg
n-Butanol	< 1,000	1000	ug/kg
2-Butanone (MEK)	< 100	100	ug/kg
Carbon disulfide	< 5.0	5.0	ug/kg
Carbon tetrachloride	< 5.0	5.0	ug/kg
Chlorobenzene	< 5.0	5.0	ug/kg
Chloroform	< 5.0	5.0	ug/kg
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg
Dibromochloromethane	< 5.0	5.0	ug/kg
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg
1,1-Dichloroethane	< 5.0	5.0	ug/kg
1,2-Dichloroethane	< 5.0	5.0	ug/kg
1,1-Dichloroethene	< 5.0	5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg
1,2-Dichloropropane	< 5.0	5.0	ug/kg
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg

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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-8 (1-3)

**Sample No:** 18-5486-017

**Date Collected:** 09/18/18

**Time Collected:** 11:55

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 09/26/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	

**Semi-Volatile Compounds**

**Method: 8270C**

**Preparation Method 3540C**

Analysis Date: 09/26/18

Preparation Date: 09/24/18

Acenaphthylene	< 3,300	330	ug/kg	
Anthracene	< 3,300	330	ug/kg	
Benzo(a)anthracene	< 3,300	330	ug/kg	
Benzo(a)pyrene	< 900	90	ug/kg	
Benzo(b)fluoranthene	< 3,300	330	ug/kg	
Benzo(k)fluoranthene	< 3,300	330	ug/kg	
Benzo(ghi)perylene	< 3,300	330	ug/kg	
Benzoic acid	< 3,300	330	ug/kg	
Butyl benzyl phthalate	< 3,300	330	ug/kg	
Carbazole	< 3,300	330	ug/kg	
4-Chloroaniline	< 3,300	330	ug/kg	
bis(2-Chloroethyl)ether	< 3,300	330	ug/kg	
2-Chlorophenol	< 3,300	330	ug/kg	
Chrysene	< 3,300	330	ug/kg	
Dibenzo(a,h)anthracene	< 900	90	ug/kg	
Di-n-butyl phthalate	< 3,300	330	ug/kg	
1,2-Dichlorobenzene	< 3,300	330	ug/kg	
1,4-Dichlorobenzene	< 3,300	330	ug/kg	
3,3'-Dichlorobenzidine	< 6,600	660	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-8 (1-3)

**Sample No:** 18-5486-017

**Date Collected:** 09/18/18

**Time Collected:** 11:55

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
Analysis Date: 09/26/18	Method: 8270C	Preparation Method 3540C		
		Preparation Date: 09/24/18		
2,4-Dichlorophenol	< 3,300	330	ug/kg	
Diethyl phthalate	< 3,300	330	ug/kg	
2,4-Dimethylphenol	< 3,300	330	ug/kg	
2,4-Dinitrophenol	< 16,000	1600	ug/kg	
2,4-Dinitrotoluene	< 2,500	250	ug/kg	
2,6-Dinitrotoluene	< 2,600	260	ug/kg	
Di-n-octylphthalate	< 3,300	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 3,300	330	ug/kg	
Fluoranthene	< 3,300	330	ug/kg	
Fluorene	< 3,300	330	ug/kg	
Hexachlorobenzene	< 3,300	330	ug/kg	
Hexachlorocyclopentadiene	< 3,300	330	ug/kg	
Hexachloroethane	< 3,300	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 3,300	330	ug/kg	
Isophorone	< 3,300	330	ug/kg	
2-Methylphenol	< 3,300	330	ug/kg	
Naphthalene	< 3,300	330	ug/kg	
Nitrobenzene	< 2,600	260	ug/kg	
n-Nitrosodiphenylamine	< 3,300	330	ug/kg	
n-Nitrosodi-n-propylamine	< 900	90	ug/kg	
Phenanthrene	< 3,300	330	ug/kg	
Phenol	< 3,300	330	ug/kg	
Pyrene	< 3,300	330	ug/kg	
1,2,4-Trichlorobenzene	< 3,300	330	ug/kg	
2,4,5-Trichlorophenol	< 3,300	330	ug/kg	
2,4,6-Trichlorophenol	< 3,300	330	ug/kg	
<b>Semi-Volatile Pesticides</b>				
Analysis Date: 09/26/18	Method: 8270C	Preparation Method 3540C		
		Preparation Date: 09/24/18		
Alachlor	< 400	40	ug/kg	N
Atrazine	< 660	66	ug/kg	N
Simazine	< 400	40	ug/kg	N
<b>Pesticides/PCBs</b>				
Analysis Date: 09/26/18	Method: 8081A/8082	Preparation Method 3546		
		Preparation Date: 09/20/18		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-8 (1-3)

**Sample No:** 18-5486-017

**Date Collected:** 09/18/18

**Time Collected:** 11:55

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

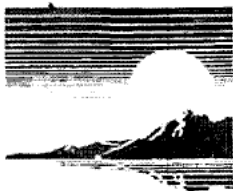
Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/26/18		Preparation Date: 09/20/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides**

**Method: 8321**

Analysis Date: 09/27/18

Aldicarb	< 10	10	ug/kg	NS
Carbofuran	< 50	50	ug/kg	NS
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	NS
Picloram	< 100	100	ug/kg	NS
Silvex (2,4,5-TP)	< 100	100	ug/kg	S



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-8 (11-13)

**Sample No:** 18-5486-018

**Date Collected:** 09/18/18

**Time Collected:** 12:02

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> Method: 2540B				
Analysis Date: 09/20/18 16:12				
Total Solids	81.76		%	
<b>Chloride, Soluble</b> Method: 4500CL,C				
Analysis Date: 09/26/18 15:00				
Chloride, Soluble	391	50	mg/kg	N
<b>Cyanide, Total</b> Method: 9010B/9014				
Analysis Date: 09/24/18				
Cyanide, Total	< 0.10	0.10	mg/kg	
<b>Fluoride, Soluble</b> Method: 4500F,C				
Analysis Date: 09/25/18 15:30				
Fluoride, Soluble	< 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> Method: 353.2R2.0				
Analysis Date: 09/24/18				
Nitrate + Nitrite (as N), Soluble	< 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> Method: 9045D 2004				
Analysis Date: 09/20/18 9:00				
pH @ 25°C, 1:2	8.54		Units	
<b>Sulfate, Soluble</b> Method: 9038				
Analysis Date: 09/24/18				
Sulfate, Soluble	< 150	150	mg/kg	N
<b>Total Metals</b> Method: 6010C Preparation Method 3050B				
Analysis Date: 09/24/18				Preparation Date: 09/24/18
Antimony	< 1.0	1.0	mg/kg	
Arsenic	< 1.0	1.0	mg/kg	
Barium	73.7	0.5	mg/kg	
Beryllium	0.7	0.5	mg/kg	
Boron	< 5.0	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	9,560	50	mg/kg	
Chromium	19.1	0.5	mg/kg	
Cobalt	5.5	0.5	mg/kg	
Copper	19.2	0.5	mg/kg	
Iron	10,900	5.0	mg/kg	
Lead	10.4	0.5	mg/kg	
Magnesium	6,740	50	mg/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-8 (11-13)

**Sample No:** 18-5486-018

**Date Collected:** 09/18/18

**Time Collected:** 12:02

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>				
<b>Method: 6010C</b>		<b>Preparation Method 3050B</b>		
Analysis Date: 09/24/18		Preparation Date: 09/24/18		
Manganese	54.6	0.5	mg/kg	
Nickel	15.0	0.5	mg/kg	
Potassium	487	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	0.4	0.2	mg/kg	
Sodium	< 50	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	31.8	1.0	mg/kg	
Zinc	48.8	1.0	mg/kg	

**Total Mercury**

**Method: 7471B**

Analysis Date: 09/24/18

Mercury	< 0.05	0.05	mg/kg
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**Volatile Organic Compounds**

**Method: 5035A/8260B**

Analysis Date: 09/26/18

Acetone	< 200	200	ug/kg
Benzene	< 5.0	5.0	ug/kg
Bromodichloromethane	< 5.0	5.0	ug/kg
Bromoform	< 5.0	5.0	ug/kg
Bromomethane	< 10.0	10.0	ug/kg
n-Butanol	< 1,000	1000	ug/kg
2-Butanone (MEK)	< 100	100	ug/kg
Carbon disulfide	< 5.0	5.0	ug/kg
Carbon tetrachloride	< 5.0	5.0	ug/kg
Chlorobenzene	< 5.0	5.0	ug/kg
Chloroform	< 5.0	5.0	ug/kg
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg
Dibromochloromethane	< 5.0	5.0	ug/kg
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg
1,1-Dichloroethane	< 5.0	5.0	ug/kg
1,2-Dichloroethane	< 5.0	5.0	ug/kg
1,1-Dichloroethene	< 5.0	5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg
1,2-Dichloropropane	< 5.0	5.0	ug/kg
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-8 (11-13)

**Sample No:** 18-5486-018

**Date Collected:** 09/18/18

**Time Collected:** 12:02

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 09/26/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	

<b>Semi-Volatile Compounds</b>		<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>	
Analysis Date: 09/25/18				Preparation Date: 09/24/18	
Acenaphthylene	< 330	330	ug/kg		
Anthracene	< 330	330	ug/kg		
Benzo(a)anthracene	< 330	330	ug/kg		
Benzo(a)pyrene	< 90	90	ug/kg		
Benzo(b)fluoranthene	< 330	330	ug/kg		
Benzo(k)fluoranthene	< 330	330	ug/kg		
Benzo(ghi)perylene	< 330	330	ug/kg		
Benzoic acid	< 330	330	ug/kg		
Butyl benzyl phthalate	< 330	330	ug/kg		
Carbazole	< 330	330	ug/kg		
4-Chloroaniline	< 330	330	ug/kg		
bis(2-Chloroethyl)ether	< 330	330	ug/kg		
2-Chlorophenol	< 330	330	ug/kg		
Chrysene	< 330	330	ug/kg		
Dibenzo(a,h)anthracene	< 90	90	ug/kg		
Di-n-butyl phthalate	< 330	330	ug/kg		
1,2-Dichlorobenzene	< 330	330	ug/kg		
1,4-Dichlorobenzene	< 330	330	ug/kg		
3,3'-Dichlorobenzidine	< 660	660	ug/kg		





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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-8 (11-13)

**Sample No:** 18-5486-018

**Date Collected:** 09/18/18

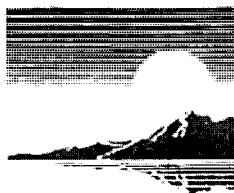
**Time Collected:** 12:02

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/25/18		Preparation Date: 09/24/18		
2,4-Dichlorophenol	< 330	330	ug/kg	
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	
<b>Semi-Volatile Pesticides</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/25/18		Preparation Date: 09/24/18		
Alachlor	< 40	40	ug/kg	N
Atrazine	< 66	66	ug/kg	N
Simazine	< 40	40	ug/kg	N
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/26/18		Preparation Date: 09/20/18		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-8 (11-13)

**Sample No:** 18-5486-018

**Date Collected:** 09/18/18

**Time Collected:** 12:02

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/26/18		Preparation Date: 09/20/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides**

**Method: 8321**

Analysis Date: 09/27/18

Aldicarb	< 10	10	ug/kg	N S
Carbofuran	< 50	50	ug/kg	N S
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	N S
Picloram	< 100	100	ug/kg	N S
Silvex (2,4,5-TP)	< 100	100	ug/kg	S



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-9 (0-1)

**Sample No:** 18-5486-019

**Date Collected:** 09/18/18

**Time Collected:** 11:12

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> Analysis Date: 09/20/18 16:12 Total Solids	<b>Method: 2540B</b> 94.33		%	
<b>Chloride, Soluble</b> Analysis Date: 09/26/18 15:00 Chloride, Soluble	<b>Method: 4500CL,C</b> 127	50	mg/kg	N
<b>Cyanide, Total</b> Analysis Date: 09/24/18 Cyanide, Total	<b>Method: 9010B/9014</b> 0.12	0.10	mg/kg	
<b>Fluoride, Soluble</b> Analysis Date: 09/25/18 15:30 Fluoride, Soluble	<b>Method: 4500F,C</b> < 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> Analysis Date: 09/24/18 Nitrate + Nitrite (as N), Soluble	<b>Method: 353.2R2.0</b> < 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> Analysis Date: 09/20/18 9:00 pH @ 25°C, 1:2	<b>Method: 9045D 2004</b> 9.58		Units	
<b>Sulfate, Soluble</b> Analysis Date: 09/24/18 Sulfate, Soluble	<b>Method: 9038</b> < 150	150	mg/kg	N
<b>Total Metals</b> Analysis Date: 09/24/18	<b>Method: 6010C</b>	<b>Preparation Method 3050B</b> Preparation Date: 09/24/18		
Antimony	< 1.0	1.0	mg/kg	
Arsenic	< 1.0	1.0	mg/kg	
Barium	24.2	0.5	mg/kg	
Beryllium	< 0.5	0.5	mg/kg	
Boron	8.6	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	117,000	50	mg/kg	
Chromium	20.9	0.5	mg/kg	
Cobalt	2.1	0.5	mg/kg	
Copper	6.1	0.5	mg/kg	
Iron	6,060	5.0	mg/kg	
Lead	4.3	0.5	mg/kg	
Magnesium	54,100	50	mg/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-9 (0-1)

**Sample No:** 18-5486-019

**Date Collected:** 09/18/18

**Time Collected:** 11:12

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>				
<b>Method: 6010C</b>		<b>Preparation Method 3050B</b>		
Analysis Date: 09/24/18		Preparation Date: 09/24/18		
Manganese	392	0.5	mg/kg	
Nickel	6.2	0.5	mg/kg	
Potassium	564	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	< 0.2	0.2	mg/kg	
Sodium	206	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	24.8	1.0	mg/kg	
Zinc	15.6	1.0	mg/kg	

**Total Mercury**

**Method: 7471B**

Analysis Date: 09/24/18

Mercury	< 0.05	0.05	mg/kg
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**Volatile Organic Compounds**

**Method: 5035A/8260B**

Analysis Date: 09/26/18

Acetone	< 200	200	ug/kg
Benzene	< 5.0	5.0	ug/kg
Bromodichloromethane	< 5.0	5.0	ug/kg
Bromoform	< 5.0	5.0	ug/kg
Bromomethane	< 10.0	10.0	ug/kg
n-Butanol	< 1,000	1000	ug/kg
2-Butanone (MEK)	< 100	100	ug/kg
Carbon disulfide	< 5.0	5.0	ug/kg
Carbon tetrachloride	< 5.0	5.0	ug/kg
Chlorobenzene	< 5.0	5.0	ug/kg
Chloroform	< 5.0	5.0	ug/kg
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg
Dibromochloromethane	< 5.0	5.0	ug/kg
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg
1,1-Dichloroethane	< 5.0	5.0	ug/kg
1,2-Dichloroethane	< 5.0	5.0	ug/kg
1,1-Dichloroethene	< 5.0	5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg
1,2-Dichloropropane	< 5.0	5.0	ug/kg
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg

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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-9 (0-1)

**Sample No:** 18-5486-019

**Date Collected:** 09/18/18

**Time Collected:** 11:12

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 09/26/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	

**Semi-Volatile Compounds**

**Method: 8270C**

**Preparation Method 3540C**

Analysis Date: 09/26/18

Preparation Date: 09/24/18

Acenaphthylene	< 3,300	330	ug/kg
Anthracene	< 3,300	330	ug/kg
Benzo(a)anthracene	< 3,300	330	ug/kg
Benzo(a)pyrene	< 900	90	ug/kg
Benzo(b)fluoranthene	< 3,300	330	ug/kg
Benzo(k)fluoranthene	< 3,300	330	ug/kg
Benzo(ghi)perylene	< 3,300	330	ug/kg
Benzoic acid	< 3,300	330	ug/kg
Butyl benzyl phthalate	< 3,300	330	ug/kg
Carbazole	< 3,300	330	ug/kg
4-Chloroaniline	< 3,300	330	ug/kg
bis(2-Chloroethyl)ether	< 3,300	330	ug/kg
2-Chlorophenol	< 3,300	330	ug/kg
Chrysene	< 3,300	330	ug/kg
Dibenzo(a,h)anthracene	< 900	90	ug/kg
Di-n-butyl phthalate	< 3,300	330	ug/kg
1,2-Dichlorobenzene	< 3,300	330	ug/kg
1,4-Dichlorobenzene	< 3,300	330	ug/kg
3,3'-Dichlorobenzidine	< 6,600	660	ug/kg



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-9 (0-1)

**Sample No:** 18-5486-019

**Date Collected:** 09/18/18

**Time Collected:** 11:12

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/26/18		Preparation Date: 09/24/18		
2,4-Dichlorophenol	< 3,300	330	ug/kg	
Diethyl phthalate	< 3,300	330	ug/kg	
2,4-Dimethylphenol	< 3,300	330	ug/kg	
2,4-Dinitrophenol	< 16,000	1600	ug/kg	
2,4-Dinitrotoluene	< 2,500	250	ug/kg	
2,6-Dinitrotoluene	< 2,600	260	ug/kg	
Di-n-octylphthalate	< 3,300	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 3,300	330	ug/kg	
Fluoranthene	< 3,300	330	ug/kg	
Fluorene	< 3,300	330	ug/kg	
Hexachlorobenzene	< 3,300	330	ug/kg	
Hexachlorocyclopentadiene	< 3,300	330	ug/kg	
Hexachloroethane	< 3,300	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 3,300	330	ug/kg	
Isophorone	< 3,300	330	ug/kg	
2-Methylphenol	< 3,300	330	ug/kg	
Naphthalene	< 3,300	330	ug/kg	
Nitrobenzene	< 2,600	260	ug/kg	
n-Nitrosodiphenylamine	< 3,300	330	ug/kg	
n-Nitrosodi-n-propylamine	< 900	90	ug/kg	
Phenanthrene	< 3,300	330	ug/kg	
Phenol	< 3,300	330	ug/kg	
Pyrene	< 3,300	330	ug/kg	
1,2,4-Trichlorobenzene	< 3,300	330	ug/kg	
2,4,5-Trichlorophenol	< 3,300	330	ug/kg	
2,4,6-Trichlorophenol	< 3,300	330	ug/kg	
<b>Semi-Volatile Pesticides</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/26/18		Preparation Date: 09/24/18		
Alachlor	< 400	40	ug/kg	N
Atrazine	< 660	66	ug/kg	N
Simazine	< 400	40	ug/kg	N
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/25/18		Preparation Date: 09/24/18		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-9 (0-1)

**Sample No:** 18-5486-019

**Date Collected:** 09/18/18

**Time Collected:** 11:12

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/25/18		Preparation Date: 09/24/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides**

**Method: 8321**

Analysis Date: 09/27/18

Aldicarb	< 10	10	ug/kg	N S
Carbofuran	< 50	50	ug/kg	N S
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	N S
Picloram	< 100	100	ug/kg	N S
Silvex (2,4,5-TP)	< 100	100	ug/kg	S



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-9 (5-7)

**Sample No:** 18-5486-020

**Date Collected:** 09/18/18

**Time Collected:** 11:18

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> Method: 2540B				
Analysis Date: 09/20/18 16:12				
Total Solids	83.83		%	
<b>Chloride, Soluble</b> Method: 4500CL,C				
Analysis Date: 09/26/18 15:00				
Chloride, Soluble	525	50	mg/kg	N
<b>Cyanide, Total</b> Method: 9010B/9014				
Analysis Date: 09/24/18				
Cyanide, Total	< 0.10	0.10	mg/kg	
<b>Fluoride, Soluble</b> Method: 4500F,C				
Analysis Date: 09/25/18 15:30				
Fluoride, Soluble	< 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> Method: 353.2R2.0				
Analysis Date: 09/24/18				
Nitrate + Nitrite (as N), Soluble	< 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> Method: 9045D 2004				
Analysis Date: 09/20/18 9:00				
pH @ 25°C, 1:2	7.86		Units	
<b>Sulfate, Soluble</b> Method: 9038				
Analysis Date: 09/24/18				
Sulfate, Soluble	< 150	150	mg/kg	N
<b>Total Metals</b> Method: 6010C Preparation Method 3050B				
Analysis Date: 09/25/18				Preparation Date: 09/24/18
Antimony	< 1.0	1.0	mg/kg	
Arsenic	1.6	1.0	mg/kg	
Barium	28.1	0.5	mg/kg	
Beryllium	< 0.5	0.5	mg/kg	
Boron	< 5.0	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	42,100	50	mg/kg	
Chromium	11.5	0.5	mg/kg	
Cobalt	4.6	0.5	mg/kg	
Copper	8.9	0.5	mg/kg	
Iron	10,500	5.0	mg/kg	
Lead	3.9	0.5	mg/kg	
Magnesium	26,200	50	mg/kg	





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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-9 (5-7)

**Sample No:** 18-5486-020

**Date Collected:** 09/18/18

**Time Collected:** 11:18

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**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>	<b>Method: 6010C</b>	<b>Preparation Method 3050B</b>		
Analysis Date: 09/25/18		Preparation Date: 09/24/18		
Manganese	197	0.5	mg/kg	
Nickel	12.7	0.5	mg/kg	
Potassium	627	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	0.3	0.2	mg/kg	
Sodium	82	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	20.1	1.0	mg/kg	
Zinc	20.0	1.0	mg/kg	

<b>Total Mercury</b>	<b>Method: 7471B</b>			
Analysis Date: 09/24/18				
Mercury	< 0.05	0.05	mg/kg	

<b>Volatile Organic Compounds</b>	<b>Method: 5035A/8260B</b>			
Analysis Date: 09/26/18				
Acetone	< 200	200	ug/kg	
Benzene	9.6	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
n-Butanol	< 1,000	1000	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg	J J
Dibromochloromethane	< 5.0	5.0	ug/kg	
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-9 (5-7)

**Sample No:** 18-5486-020

**Date Collected:** 09/18/18

**Time Collected:** 11:18

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 09/26/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	15.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	7.2	5.0	ug/kg	
m&p-Xylene	5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	

**Semi-Volatile Compounds**

**Method: 8270C**

**Preparation Method 3540C**

Analysis Date: 09/25/18

Preparation Date: 09/24/18

Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	< 90	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Benzoic acid	< 330	330	ug/kg	
Butyl benzyl phthalate	< 330	330	ug/kg	
Carbazole	< 330	330	ug/kg	
4-Chloroaniline	< 330	330	ug/kg	
bis(2-Chloroethyl)ether	< 330	330	ug/kg	
2-Chlorophenol	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Di-n-butyl phthalate	< 330	330	ug/kg	
1,2-Dichlorobenzene	< 330	330	ug/kg	
1,4-Dichlorobenzene	< 330	330	ug/kg	
3,3'-Dichlorobenzidine	< 660	660	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-9 (5-7)

**Sample No:** 18-5486-020

**Date Collected:** 09/18/18

**Time Collected:** 11:18

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/25/18		Preparation Date: 09/24/18		
2,4-Dichlorophenol	< 330	330	ug/kg	
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	
<b>Semi-Volatile Pesticides</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/25/18		Preparation Date: 09/24/18		
Alachlor	< 40	40	ug/kg	N
Atrazine	< 66	66	ug/kg	N
Simazine	< 40	40	ug/kg	N
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/25/18		Preparation Date: 09/24/18		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-9 (5-7)

**Sample No:** 18-5486-020

**Date Collected:** 09/18/18

**Time Collected:** 11:18

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/25/18		Preparation Date: 09/24/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides**

**Method: 8321**

Analysis Date: 09/27/18

Aldicarb	< 10	10	ug/kg	N S
Carbofuran	< 50	50	ug/kg	N S
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	N S
Picloram	< 100	100	ug/kg	N S
Silvex (2,4,5-TP)	< 100	100	ug/kg	S



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** 1-90/Rte 23

**Sample ID:** SB-10 (1-3)

**Sample No:** 18-5486-021

**Date Collected:** 09/18/18

**Time Collected:** 11:37

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> Analysis Date: 09/20/18 16:12 Total Solids	<b>Method: 2540B</b> 92.5		%	
<b>Chloride, Soluble</b> Analysis Date: 09/26/18 15:00 Chloride, Soluble	<b>Method: 4500CL,C</b> 476	50	mg/kg	N
<b>Cyanide, Total</b> Analysis Date: 09/24/18 Cyanide, Total	<b>Method: 9010B/9014</b> < 0.10	0.10	mg/kg	
<b>Fluoride, Soluble</b> Analysis Date: 09/25/18 15:30 Fluoride, Soluble	<b>Method: 4500F,C</b> < 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> Analysis Date: 09/24/18 Nitrate + Nitrite (as N), Soluble	<b>Method: 353.2R2.0</b> < 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> Analysis Date: 09/20/18 9:00 pH @ 25°C, 1:2	<b>Method: 9045D 2004</b> 7.38		Units	
<b>Sulfate, Soluble</b> Analysis Date: 09/24/18 Sulfate, Soluble	<b>Method: 9038</b> < 150	150	mg/kg	N
<b>Total Metals</b> Analysis Date: 09/25/18	<b>Method: 6010C</b>	<b>Preparation Method 3050B</b> Preparation Date: 09/24/18		
Antimony	< 1.0	1.0	mg/kg	
Arsenic	2.0	1.0	mg/kg	
Barium	43.2	0.5	mg/kg	
Beryllium	< 0.5	0.5	mg/kg	
Boron	< 5.0	5.0	mg/kg	
Cadmium	< 0.5	0.5	mg/kg	
Calcium	80,600	50	mg/kg	
Chromium	8.9	0.5	mg/kg	
Cobalt	3.3	0.5	mg/kg	
Copper	7.3	0.5	mg/kg	
Iron	9,140	5.0	mg/kg	
Lead	6.4	0.5	mg/kg	
Magnesium	48,400	50	mg/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-10 (1-3)

**Sample No:** 18-5486-021

**Date Collected:** 09/18/18

**Time Collected:** 11:37

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>				
<b>Method: 6010C</b>		<b>Preparation Method 3050B</b>		
Analysis Date: 09/25/18		Preparation Date: 09/24/18		
Manganese	321	0.5	mg/kg	
Nickel	7.6	0.5	mg/kg	
Potassium	768	50	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	0.3	0.2	mg/kg	
Sodium	175	50	mg/kg	
Thallium	< 1.0	1.0	mg/kg	
Vanadium	19.6	1.0	mg/kg	
Zinc	22.5	1.0	mg/kg	

**Total Mercury**

**Method: 7471B**

Analysis Date: 09/24/18

Mercury	< 0.05	0.05	mg/kg
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**Volatile Organic Compounds**

**Method: 5035A/8260B**

Analysis Date: 09/26/18

Acetone	< 200	200	ug/kg
Benzene	< 5.0	5.0	ug/kg
Bromodichloromethane	< 5.0	5.0	ug/kg
Bromoform	< 5.0	5.0	ug/kg
Bromomethane	< 10.0	10.0	ug/kg
n-Butanol	< 1,000	1000	ug/kg
2-Butanone (MEK)	< 100	100	ug/kg
Carbon disulfide	< 5.0	5.0	ug/kg
Carbon tetrachloride	< 5.0	5.0	ug/kg
Chlorobenzene	< 5.0	5.0	ug/kg
Chloroform	< 5.0	5.0	ug/kg
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg
Dibromochloromethane	< 5.0	5.0	ug/kg
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg
1,1-Dichloroethane	< 5.0	5.0	ug/kg
1,2-Dichloroethane	< 5.0	5.0	ug/kg
1,1-Dichloroethene	< 5.0	5.0	ug/kg
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg
1,2-Dichloropropane	< 5.0	5.0	ug/kg
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg

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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-10 (1-3)

**Sample No:** 18-5486-021

**Date Collected:** 09/18/18

**Time Collected:** 11:37

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 09/26/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	5.8	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	

Semi-Volatile Compounds		Method: 8270C		Preparation Method 3540C	
Analysis Date: 09/26/18				Preparation Date: 09/24/18	
Acenaphthylene	< 330	330	ug/kg		
Anthracene	< 330	330	ug/kg		
Benzo(a)anthracene	< 330	330	ug/kg		
Benzo(a)pyrene	< 90	90	ug/kg		
Benzo(b)fluoranthene	< 330	330	ug/kg		
Benzo(k)fluoranthene	< 330	330	ug/kg		
Benzo(ghi)perylene	< 330	330	ug/kg		
Benzoic acid	< 330	330	ug/kg		
Butyl benzyl phthalate	< 330	330	ug/kg		
Carbazole	< 330	330	ug/kg		
4-Chloroaniline	< 330	330	ug/kg		
bis(2-Chloroethyl)ether	< 330	330	ug/kg		
2-Chlorophenol	< 330	330	ug/kg		
Chrysene	< 330	330	ug/kg		
Dibenzo(a,h)anthracene	< 90	90	ug/kg		
Di-n-butyl phthalate	< 330	330	ug/kg		
1,2-Dichlorobenzene	< 330	330	ug/kg		
1,4-Dichlorobenzene	< 330	330	ug/kg		
3,3'-Dichlorobenzidine	< 660	660	ug/kg		



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-10 (1-3)

**Sample No:** 18-5486-021

**Date Collected:** 09/18/18

**Time Collected:** 11:37

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/26/18		Preparation Date: 09/24/18		
2,4-Dichlorophenol	< 330	330	ug/kg	
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	

<b>Semi-Volatile Pesticides</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/26/18		Preparation Date: 09/24/18		
Alachlor	< 40	40	ug/kg	N
Atrazine	< 66	66	ug/kg	N
Simazine	< 40	40	ug/kg	N

<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/25/18		Preparation Date: 09/24/18		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	





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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-10 (1-3)

**Sample No:** 18-5486-021

**Date Collected:** 09/18/18

**Time Collected:** 11:37

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

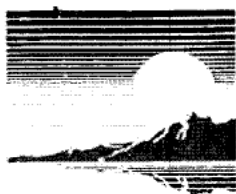
Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/25/18		Preparation Date: 09/24/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides**

**Method: 8321**

Analysis Date: 09/27/18

Aldicarb	< 10	10	ug/kg	N S
Carbofuran	< 50	50	ug/kg	N S
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	N S
Picloram	< 100	100	ug/kg	N S
Silvex (2,4,5-TP)	< 100	100	ug/kg	S



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** 1-90/Rte 23

**Sample ID:** SB-10 (9-11)

**Sample No:** 18-5486-022

**Date Collected:** 09/18/18

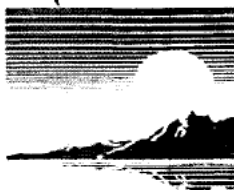
**Time Collected:** 11:45

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b> <b>Method: 2540B</b>				
Analysis Date: 09/20/18 16:12				
Total Solids	48.18		%	
<b>Chloride, Soluble</b> <b>Method: 4500CL,C</b>				
Analysis Date: 09/26/18 15:00				
Chloride, Soluble	1,080	50	mg/kg	N
<b>Cyanide, Total</b> <b>Method: 9010B/9014</b>				
Analysis Date: 09/24/18				
Cyanide, Total	< 0.10	0.10	mg/kg	
<b>Fluoride, Soluble</b> <b>Method: 4500F,C</b>				
Analysis Date: 09/25/18 15:30				
Fluoride, Soluble	< 5.0	5.0	mg/kg	N
<b>Nitrate + Nitrite (as N), Soluble</b> <b>Method: 353.2R2.0</b>				
Analysis Date: 09/24/18				
Nitrate + Nitrite (as N), Soluble	< 10.0	10.0	mg/kg	N
<b>pH @ 25°C, 1:2</b> <b>Method: 9045D 2004</b>				
Analysis Date: 09/20/18 9:00				
pH @ 25°C, 1:2	7.28		Units	
<b>Sulfate, Soluble</b> <b>Method: 9038</b>				
Analysis Date: 09/24/18				
Sulfate, Soluble	< 150	150	mg/kg	N
<b>Total Metals</b> <b>Method: 6010C</b> <b>Preparation Method 3050B</b>				
Analysis Date: 09/25/18				
			Preparation Date: 09/24/18	
Antimony	< 2.5	1.0	mg/kg	W
Arsenic	< 2.5	1.0	mg/kg	W
Barium	167	0.5	mg/kg	
Beryllium	0.8	0.5	mg/kg	
Boron	< 15.0	5.0	mg/kg	W
Cadmium	< 1.5	0.5	mg/kg	W
Calcium	35,000	50	mg/kg	
Chromium	22.7	0.5	mg/kg	
Cobalt	2.9	0.5	mg/kg	
Copper	15.5	0.5	mg/kg	
Iron	9,520	5.0	mg/kg	
Lead	11.0	0.5	mg/kg	
Magnesium	16,800	50	mg/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-10 (9-11)

**Sample No:** 18-5486-022

**Date Collected:** 09/18/18

**Time Collected:** 11:45

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b>				
<b>Method: 6010C</b>		<b>Preparation Method 3050B</b>		
Analysis Date: 09/25/18		Preparation Date: 09/24/18		
Manganese	93.5	0.5	mg/kg	
Nickel	13.4	0.5	mg/kg	
Potassium	820	50	mg/kg	
Selenium	< 2.5	1.0	mg/kg	W
Silver	0.4	0.2	mg/kg	
Sodium	128	50	mg/kg	
Thallium	< 2.5	1.0	mg/kg	W
Vanadium	43.7	1.0	mg/kg	
Zinc	31.0	1.0	mg/kg	

<b>Total Mercury</b>				
<b>Method: 7471B</b>				
Analysis Date: 09/24/18				
Mercury	< 2.0	0.05	mg/kg	W

<b>Volatile Organic Compounds</b>				
<b>Method: 5035A/8260B</b>				
Analysis Date: 09/26/18				
Acetone	376	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
n-Butanol	< 1,000	1000	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	8.2	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
1,2-Dibromo-3-chloropropane	< 2.0	10.0	ug/kg	J
Dibromochloromethane	< 5.0	5.0	ug/kg	
1,2-Dibromoethane (EDB)	< 5.0	5.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-10 (9-11)

**Sample No:** 18-5486-022

**Date Collected:** 09/18/18

**Time Collected:** 11:45

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 09/26/18				
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
m&p-Xylene	< 5.0	5.0	ug/kg	
o-Xylene	< 5.0	5.0	ug/kg	

**Semi-Volatile Compounds**

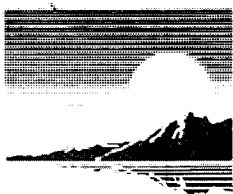
**Method: 8270C**

**Preparation Method 3540C**

Analysis Date: 09/26/18

Preparation Date: 09/25/18

Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	< 90	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Benzoic acid	< 330	330	ug/kg	
Butyl benzyl phthalate	< 330	330	ug/kg	
Carbazole	< 330	330	ug/kg	
4-Chloroaniline	< 330	330	ug/kg	
bis(2-Chloroethyl)ether	< 330	330	ug/kg	
2-Chlorophenol	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Di-n-butyl phthalate	< 330	330	ug/kg	
1,2-Dichlorobenzene	< 330	330	ug/kg	
1,4-Dichlorobenzene	< 330	330	ug/kg	
3,3'-Dichlorobenzidine	< 660	660	ug/kg	



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IL ELAP / NELAC Accreditation # 100292

**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-10 (9-11)

**Sample No:** 18-5486-022

**Date Collected:** 09/18/18

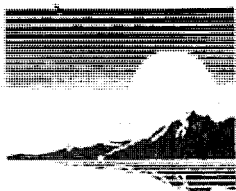
**Time Collected:** 11:45

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/26/18		Preparation Date: 09/25/18		
2,4-Dichlorophenol	< 330	330	ug/kg	
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	
<b>Semi-Volatile Pesticides</b>				
<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>		
Analysis Date: 09/26/18		Preparation Date: 09/25/18		
Alachlor	< 40	40	ug/kg	N
Atrazine	< 66	66	ug/kg	N
Simazine	< 40	40	ug/kg	N
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/25/18		Preparation Date: 09/24/18		
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-10 (9-11)

**Sample No:** 18-5486-022

**Date Collected:** 09/18/18

**Time Collected:** 11:45

**Date Received:** 09/19/18

**Date Reported:** 10/01/18

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Pesticides/PCBs</b>				
<b>Method: 8081A/8082</b>		<b>Preparation Method 3546</b>		
Analysis Date: 09/25/18		Preparation Date: 09/24/18		
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Herbicides**

**Method: 8321**

Analysis Date: 09/27/18

Aldicarb	< 10	10	ug/kg	NS
Carbofuran	< 50	50	ug/kg	NS
Dalapon	< 100	100	ug/kg	S
2,4-Dichlorophenoxyacetic acid (2,4-D)	< 100	100	ug/kg	S
Dinoseb	< 100	100	ug/kg	S
Pentachlorophenol	< 20	20	ug/kg	NS
Picloram	< 100	100	ug/kg	NS
Silvex (2,4,5-TP)	< 100	100	ug/kg	S



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IEPA Certification #100292

## CHAIN OF CUSTODY RECORD

Page 1 of 3 pgs

Company Name: Huff & Huff, Inc.  
Street Address: 915 Hanger Road, Suite 330  
City: Oak Brook State: IL Zip: 60523  
Phone: 630-684-9100 e-mail: shane-cuplin@huff-huff.com  
Send Report To: Shane Cuplin  
Sampled By: Cory Wilson, Armando Hermosillo

Analyses

Project I.D.: <u>I-90 / Rte 23</u>												
P.O. #:												
Matrix Codes: S = Soil W = Water O = Other												

### FOR LAB USE ONLY:

Cooler Temperature: 0.1-6°C Yes ☐ No ☐ °C

Received within 6 hrs. of collection: ☐

Ice Present: Yes ☐ No ☐

Sample Refrigerated: Yes ☒ No ☐

Refrigerator Temperature: 4 °C

5035 Vials Frozen: Yes ☐ No ☐

Freezer Temperature:        °C

Program: ☐ TACO/SRP ☐ CCDD ☐ NPDES ☐ LUST ☐ SDWA

### Notes and Special Instructions:

\* Includes VOCs, SVOCs, Pesticides, Herbicides, PCBs, Semi-Volatile Pesticides, Total Metals (23) with Hg, Sulfate (soluble), nitrate + nitrite (as N, soluble), fluoride (soluble), cyanide (total), (soluble), pH

Relinquished By: [Signature] Date/Time: 4/17/18 9:55 Received By: [Signature] Date/Time: 4/19/18 9:55  
Relinquished By:        Date/Time:        Received By:        Date/Time:



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Page 2 of B1 pg.

Company Name: Hull and Hull Inc  
Street Address: 915 Hargers Road, Suite 330  
City: Dale Brook State: FL Zip: 60523  
Phone: 630 684 9110 e-mail: shane.cuplin@gle.com  
Send Report To: Shane Cuplin  
Sampled By: Cory Wilson Armando Hernandez

## Analyses

Project I.D.: I-90/Pls 23

P.O. #: \_\_\_\_\_

**Matrix Codes:** S = Soil    W = Water    O = Other

Date/Time Taken	Sample Description	Matrix	*
9/8/18 0744	SB-4 (B-15)	S	X
	1402 SB-5 (1-3)		X
	1408 SB-5 (9-11)		X
	1215 SB-6 (0-1)		X
	1223 SB-6 (7-9)		X
	1044 SB-7 (1-3)		X
	1052 SB-7 (9-11)		X
	1153 SB-8 (1-3)		X
	1257 SB-8 (11-13)		X
	1112 SB-9 (0-1)	↓	X
	1118 SB-9 (5-8)	↓	X
9/8/18 1137	SB-10 (1-3)	S	X

**FOR LAB USE ONLY:**

Cooler Temperature: 0.1-6°C Yes ☐ No ☐ \_\_\_\_\_ °C

Received within 6 hrs. of collection: \_\_\_\_\_

Ice Present: Yes\_\_\_ No\_\_\_

Sample Refrigerated: Yes ☒ No ☐

Refrigerator Temperature: 4 °C

5035 Vials Frozen: Yes\_\_\_ No\_\_\_

Freezer Temperature: \_\_\_\_\_ °C

Program: ☐ TACO/SRP ☐ CCDD ☐ NPDES ☐ LUST ☐ SDWA

**Notes and Special Instructions:**

\*SEE PAGE 1

Relinquished By:

Date/Time 7/19/18 9:27

Received

Date/Time 9/19/18 9:27

Relinquished By:

Date/Time

Received By:

Date/Time





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**CHAIN OF CUSTODY RECORD**

Page 3 of 4 pgs

Company Name: Hull & Hull  
Street Address: 915 Harger Road Suite 330  
City: Oak Brook State: IL Zip: 60523  
Phone: (630) 984 9600 e-mail: shane.cypion@hullandhull.com  
Send Report To: Shane Cypion  
Sampled By: Cory Wilson Armando Hernandez

**Analyses**

Project I.D.: <u>I-90/Rt. 23</u>														
P.O. #:														
Matrix Codes: S = Soil W = Water O = Other														
Date/Time Taken	Sample Description	Matrix	Analyses										Comments	Lab I.D.
9/18/18 11:41	SB-10 (5-7')	S	Full Matrix											
9/18/18 11:45	SB-10 (9-11')	S												
12:57	SB-1 (13-15')													
12:50	SB-1 (5-7')													
13:49	SB-2 (17-19')													
13:53	SB-2 (21-23')													
9:04	SB-3 (3-5')													
9:10	SB-3 (11-13')													
9:30	SB-4 (0-1')													
9:38	SB-4 (7-9')													
14:04	SB-5 (5-7')													
✓ 14:10	SB-5 (11-13')	✓												

**FOR LAB USE ONLY:**

Cooler Temperature: 0.1-6°C Yes\_\_\_ No\_\_\_ °C  
Received within 6 hrs. of collection: \_\_\_\_\_  
Ice Present: Yes\_\_\_ No\_\_\_

Sample Refrigerated: Yes\_\_\_ No\_\_\_  
Refrigerator Temperature: 4 °C  
5035 Vials Frozen: Yes\_\_\_ No\_\_\_  
Freezer Temperature: \_\_\_\_\_ °C

Program: ☐ TACO/SRP ☐ CCDD ☐ NPDES ☐ LUST ☐ SDWA

Notes and Special Instructions: \* SEE PAGE 1

Relinquished By: [Signature] Date/Time 9/17/18 9:25 Received By: [Signature] Date/Time 9/19/18 9:55  
Relinquished By: \_\_\_\_\_ Date/Time \_\_\_\_\_ Received By: \_\_\_\_\_ Date/Time \_\_\_\_\_



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**CHAIN OF CUSTODY RECORD**

Page 4 of 4 pgs

Company Name: Huff & Huff, Inc.

Street Address: 915 Harger Road, Suite 350

City: Oak Brook

State: IL

Zip: 60523

Phone: 630-684-9100 e-mail: shane.cuplin@gza.com

Send Report To: Shane Cuplin

Sampled By: Cory Wilson, Armando Hermosillo

**Analyses**

Project I.D.: <u>I-90/Rte 23</u>			<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">* Full MAC List</div> <div></div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Hold - Do Not Analyze</div> </div>													
P.O. #: _____													Comments	Lab I.D.		
Matrix Codes: S = Soil W = Water O = Other																
Date/Time Taken	Sample Description	Matrix											Comments	Lab I.D.		
9/15/18 12:17	SB-6 (1-3')	S												X		
12:25	SB-6 (7-11')													X		
10:48	SB-7 (5-7')													X		
10:54	SB-7 (11-13')													X		
11:59	SB-8 (3-5')													X		
12:03	SB-8 (7-9')													X		
11:20	SB-9 (7-9')													X		
11:22	SB-9 (9-11')													X		
11:39	SB-10 (3-5')													X		
11:47	SB-10 (11-13')													X		

**FOR LAB USE ONLY:**

Cooler Temperature: 0.1-6°C Yes \_\_\_ No \_\_\_ °C

Received within 6 hrs. of collection: \_\_\_\_\_

Ice Present: Yes \_\_\_ No \_\_\_

Sample Refrigerated: Yes ☒ No \_\_\_

Refrigerator Temperature: \_\_\_\_\_ °C

5035 Vials Frozen: Yes \_\_\_ No \_\_\_

Freezer Temperature: \_\_\_\_\_ °C

Program: ☐ TACO/SRP ☐ CCDD ☐ NPDES ☐ LUST ☐ SDWA

Notes and Special Instructions: \_\_\_\_\_

\* SEE PAGE 1

Relinquished By: \_\_\_\_\_

Date/Time 9/17/18 9:55

Received By: \_\_\_\_\_

Date/Time 9/19/18 9:55

Relinquished By: \_\_\_\_\_

Date/Time \_\_\_\_\_

Received By: \_\_\_\_\_

Date/Time \_\_\_\_\_



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October 10, 2018

Mr. Shane Cuplin  
**HUFF & HUFF INC.**  
915 Harger Road  
Suite 330  
Oak Brook, IL 60523

Project ID: I-90/Rte 23  
First Environmental File ID: 18-5892  
Date Received: September 19, 2018

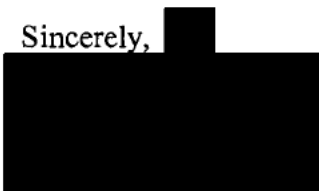
Dear Mr. Shane Cuplin:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 004324: effective 02/27/2018 through 02/28/2019.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

  
Stan Zaworski  
Project Manager



**First  
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IL ELAP / NELAC Accreditation # 100292

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**Case Narrative**

**HUFF & HUFF INC.**

Lab File ID: **18-5892**

Project ID: **I-90/Rte 23**

Date Received: **September 19, 2018**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The results in this report apply to the samples in the following table:

Laboratory Sample ID	Client Sample Identifier	Date/Time Collected	
18-5892-001	SB-1 (7-9)	09/18/18	12:52
18-5892-002	SB-6 (7-9)	09/18/18	12:23
18-5892-003	SB-10 (9-11)	09/18/18	11:45
18-5892-004	SB-1 (13-15')	09/18/18	12:57
18-5892-005	SB-1 (5-7')	09/18/18	12:50

**Sample Batch Comments:**

Sample acceptance criteria were met.

---



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**Case Narrative**

**HUFF & HUFF INC.**

Lab File ID: **18-5892**

Project ID: **I-90/Rte 23**

Date Received: **September 19, 2018**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The following is a definition of flags that may be used in this report:

Flag	Description	Flag	Description
A	Method holding time is 15 minutes from collection. Lab analysis was performed as soon as possible.		
B	Analyte was found in the method blank.	L	LCS recovery outside control limits.
<	Analyte not detected at or above the reporting limit.	M	MS recovery outside control limits; LCS acceptable.
C	Sample received in an improper container for this test.	P	Chemical preservation pH adjusted in lab.
D	Surrogates diluted out; recovery not available.	Q	Result was determined by a GC/MS database search.
E	Estimated result; concentration exceeds calibration range.	S	Analysis was subcontracted to another laboratory.
G	Surrogate recovery outside control limits.	T	Result is less than three times the MDL value.
H	Analysis or extraction holding time exceeded.	W	Reporting limit elevated due to sample matrix.
J	Estimated result; concentration is less than routine RL but greater than MDL.	N	Analyte is not part of our NELAC accreditation or accreditation may not be available for this parameter.
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.



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**Analytical Report**

**Client:** HUFF & HUFF INC.  
**Project ID:** I-90/Rte 23  
**Sample ID:** SB-1 (7-9)  
**Sample No:** 18-5892-001

**Date Collected:** 09/18/18  
**Time Collected:** 12:52  
**Date Received:** 09/19/18  
**Date Reported:** 10/10/18

Analyte	Result	R.L.	Units	Flags
<b>TCLP Extraction</b> Analysis Date: 10/08/18 TCLP Extraction	<b>Method: 1311</b>  Complete			
<b>TCLP Metals Method 1311</b> Analysis Date: 10/10/18 Chromium	<b>Method: 6010C</b>  < 0.005	<b>Preparation Method 3010A</b> Preparation Date: 10/10/18  0.005	   mg/L	



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**Analytical Report**

**Client:** HUFF & HUFF INC.  
**Project ID:** I-90/Rte 23  
**Sample ID:** SB-6 (7-9)  
**Sample No:** 18-5892-002

**Date Collected:** 09/18/18  
**Time Collected:** 12:23  
**Date Received:** 09/19/18  
**Date Reported:** 10/10/18

Analyte	Result	R.L.	Units	Flags
<b>TCLP Extraction</b> Analysis Date: 10/08/18 TCLP Extraction	<b>Method: 1311</b>  Complete			
<b>TCLP Metals Method 1311</b> Analysis Date: 10/10/18 Iron	<b>Method: 6010C</b>  < 0.1	<b>Preparation Method 3010A</b> Preparation Date: 10/10/18  0.1	  mg/L	



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**Analytical Report**

**Client:** HUFF & HUFF INC.  
**Project ID:** 1-90/Rte 23  
**Sample ID:** SB-10 (9-11)  
**Sample No:** 18-5892-003

**Date Collected:** 09/18/18  
**Time Collected:** 11:45  
**Date Received:** 09/19/18  
**Date Reported:** 10/10/18

Analyte	Result	R.L.	Units	Flags
<b>TCLP Extraction</b> Analysis Date: 10/08/18 TCLP Extraction	<b>Method: 1311</b>  Complete			
<b>TCLP Metals Method 1311</b> Analysis Date: 10/10/18 Chromium	<b>Method: 6010C</b>  < 0.005	<b>Preparation Method 3010A</b> Preparation Date: 10/10/18  0.005	   mg/L	





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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Project ID:** I-90/Rte 23

**Sample ID:** SB-1 (13-15')

**Sample No:** 18-5892-004

**Date Collected:** 09/18/18

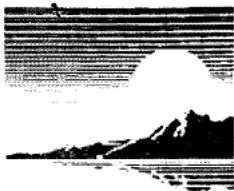
**Time Collected:** 12:57

**Date Received:** 09/19/18

**Date Reported:** 10/10/18

Results are reported on an "as received" basis.

Analyte	Result	R.L.	Units	Flags
<b>pH @ 25°C, 1:2</b>				
<b>Method: 9045D 2004</b>				
Analysis Date: 10/08/18 8:07				
pH @ 25°C, 1:2	8.84		Units	



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**Analytical Report**

**Client:** HUFF & HUFF INC.

**Date Collected:** 09/18/18

**Project ID:** I-90/Rte 23

**Time Collected:** 12:50

**Sample ID:** SB-1 (5-7')

**Date Received:** 09/19/18

**Sample No:** 18-5892-005

**Date Reported:** 10/10/18

Results are reported on an "as received" basis.

Analyte	Result	R.L.	Units	Flags
pH @ 25°C, 1:2				
Method: 9045D 2004				
Analysis Date: 10/08/18 8:07				
pH @ 25°C, 1:2	8.46		Units	



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## CHAIN OF CUSTODY RECORD

Page 1 of 4 pgs

Company Name: Huff & Huff, Inc.

Street Address: 915 Harger Road, Suite 330

City: Oak Brook

State: IL

Zip: 60523

Phone: 630-684-9100 e-mail: shane.cupline@huff.com

Send Report To: Shane Cupline

Sampled By: Cory Wilson, Armando Hermosillo

### Analyses

Project I.D.: I-90 / Rte 23

P.O. #: \_\_\_\_\_

Matrix Codes: S = Soil W = Water O = Other

Date/Time Taken	Sample Description	Matrix	* Full MAC List	TCLP Chromium	Hold - Do Not Analyze	Comments	Lab I.D.
9/18/18 1245	SB-1 (U-1)	S				X	
1252	SB-1 (7-9)		X	X			18-5892-001
1254	SB-1 (15-17)		X				002
1305	SB-1 (21-23)		X				003
1327	SB-2 (1-4)		X				004
1341	SB-2 (7-9)					X	
1345	SB-2 (11-13)		X				005
1357	SB-2 (19-21)		X				006
0900	SB-3 (U-1)					X	
0902	SB-3 (1-3)		X				007
0908	SB-3 (9-11)		X				008
9/18/18 0914	SB-4 (5-7)	S	X				009

### FOR LAB USE ONLY:

Cooler Temperature: 0.1-6°C Yes ☒ No ☐ °C

Received within 6 hrs. of collection: \_\_\_\_\_

Ice Present: Yes ☐ No ☐

Sample Refrigerated: Yes ☒ No ☐

Refrigerator Temperature: \_\_\_\_\_ °C

5035 Vials Frozen: Yes ☐ No ☐

Freezer Temperature: \_\_\_\_\_ °C

Program: ☐ TACO/SRP ☐ CCDD ☐ NPDES ☐ LUST ☐ SDWA

### Notes and Special Instructions:

\* Includes VOCs, SVOCs, Pesticides, Herbicides, PCBs, Semi-Volatile Pesticides, Total Metals (23) with Hg, Sulfate (soluble), nitrate + nitrite (as N soluble), fluoride (soluble), cyanide (total), chloride (soluble), pH

Relinquished: \_\_\_\_\_ Date/Time: 9/19/18 9:55

Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Date/Time: 9/19/18 9:55

Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_



# First Environmental Laboratories

1600 Shore Road, Suite D

Naperville, Illinois 60563

Phone: (630) 778-1200 • Fax: (630) 778-1233

E-mail: firstinfo@firstenv.com • www.firstenv.com

IEPA Certification #100292

## CHAIN OF CUSTODY RECORD

Page 2 of 4 pgs

Company Name: Hult & Hult Inc  
Street Address: 915 Harvey Road Suite 330  
City: Oak Brook State: IL Zip: 60523  
Phone: 630 684 9100 e-mail: shawn.cuplin@hult.com  
Send Report To: Shawn Cuplin  
Sampled By: Cory Wilson Armando Hernandez

### Analyses

Project I.D.: <u>I-90/ Rt 23</u>												Comments	Lab I.D.		
P.O. #: _____															
Matrix Codes: S = Soil W = Water O = Other															
Date/Time Taken	Sample Description	Matrix	Full	MAC	Lead	TCLP	Iron								
9/8/18 0844	SB-4 (13-15)	S	X											18-5486-010	
	1402 SB-5 (1-3)		X											011	
	1408 SB-5 (9-11)		X											012	
	1218 SB-6 (0-1)		X											013	
	1223 SB-6 (7-9)		X					X	18-5892-002					014	
	1044 SB-7 (1-3)		X											015	
	1052 SB-7 (9-11)		X											016	
	1158 SB-8 (1-3)		X											017	
	1207 SB-8 (11-13)		X											018	
	1112 SB-9 (0-1)		X											019	
	1118 SB-9 (5-9)		X											020	
9/8/18 1157	SB-10 (1-3)	S	X											021	

### FOR LAB USE ONLY:

Cooler Temperature: 0.1-6°C Yes \_\_\_ No \_\_\_ °C

Received within 6 hrs. of collection: \_\_\_

Ice Present: Yes \_\_\_ No \_\_\_

Sample Refrigerated: Yes \_\_\_ No \_\_\_

Refrigerator Temperature: \_\_\_ °C

5035 Vials Frozen: Yes \_\_\_ No \_\_\_

Freezer Temperature: \_\_\_ °C

Program: ☐ TACO/SRP ☐ CCDD ☐ NPDES ☐ LUST ☒ SDWA

Notes and Special Instructions: \*SEE PAGE 1

Relinquished By: [Signature]

Date/Time: 7/17/18 9:58

Received By: [Signature]

Date/Time: 9/19/18 9:58

Relinquished By: [Signature]

Date/Time:

Received By: [Signature]

Date/Time:



# First Environmental Laboratories

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Naperville, Illinois 60563

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IEPA Certification #100292

## CHAIN OF CUSTODY RECORD

Page 3 of 4 pgs

Company Name: Hull at Hull  
Street Address: 915 Hervey Road Suite 330  
City: Oak Brook State: IL Zip: 60523  
Phone: (630) 984 9100 e-mail: shane.cyprian@hullat-hull.com  
Send Report To: Shane Cyprian  
Sampled By: Cory Wilson Ramiro Hernandez

Project I.D.: <u>I-90/PA-23</u>		Analyses											
P.O. #:													
Matrix Codes: S = Soil W = Water O = Other													
Date/Time Taken	Sample Description	Matrix	Full Max List	PH	TCLP Chromium						Hold - Do Not Analyze	Comments	Lab I.D.
9/18/18 11:45	SB-10 (5-7')	S	X								X		
9/18/18 11:45	SB-10 (9-11')	S	X		X						X		18-5486-022
12:57	SB-1 (13-15')			X							X		
12:50	SB-1 (5-7')			X							X		
13:49	SB-2 (17-19')										X		
13:53	SB-2 (21-23')										X		
9:04	SB-3 (3-5')										X		
9:10	SB-3 (11-13')										X		
9:30	SB-4 (0-1')										X		
9:38	SB-4 (7-9')										X		
14:04	SB-5 (5-7')										X		
14:10	SB-5 (11-13')										X		

### FOR LAB USE ONLY:

Cooler Temperature: 0.1-6°C Yes ☒ No ☐ °C

Received within 6 hrs. of collection: ☐

Ice Present: Yes ☐ No ☐

Sample Refrigerated: Yes ☒ No ☐

Refrigerator Temperature: 4 °C

5035 Vials Frozen: Yes ☐ No ☐

Freezer Temperature:        °C

Program: ☐ TACO/SRP ☐ CCDD ☐ NPDES ☐ LUST ☐ SDWA

Notes and Special Instructions: \* SEE PAGE 1

Relinquished By: [Redacted] Date/Time: 9/19/18 9:55 Received By: [Redacted] Date/Time: 9/19/18 9:55

Relinquished By:        Date/Time:        Received By:        Date/Time:



**First  
Environmental  
Laboratories, Inc.**

**First Environmental Laboratories**

1600 Shore Road, Suite D  
Naperville, Illinois 60563  
Phone: (630) 778-1200 • Fax: (630) 778-1233  
E-mail: firstinfo@firstenv.com • www.firstenv.com  
IEPA Certification #100292

**CHAIN OF CUSTODY RECORD**

Page A of 4 pgs

Company Name: Huff & Huff, Inc.  
Street Address: 915 Harger Road, Suite 330  
City: Oak Brook State: IL Zip: 60523  
Phone: 630-684-9100 Email: shane.cuplin@gza.com  
Send Report To: Shane Cuplin  
Sampled By: Co. Wilson, Armando Hermosillo

Analyses

Project I.D. <u>I-90/Rte 23</u>		* Full MAC List										Hold - Do Not Analyze			
P.O. #:															
Matrix Codes: S = Soil W = Water O = Other															
Date/Time Taken	Sample Description	Matrix												Comments	Lab I.D.
9/15/18 12:17	SB-6 (1-3)	S												X	
12:25	SB-6 (9-11')													X	
10:48	SB-7 (5-7')													X	
10:54	SB-7 (11-13')													X	
11:59	SB-8 (3-5')													X	
12:03	SB-8 (7-9')													X	
11:20	SB-9 (2-9')													X	
11:22	SB-9 (9-11')													X	
11:39	SB-10 (3-5')													X	
11:47	SB-10 (11-13')													X	

**FOR LAB USE ONLY:**

Cooler Temperature: 0.1-6°C Yes \_\_\_ No \_\_\_ °C  
Received within 6 hrs. of collection: \_\_\_  
Ice Present: Yes \_\_\_ No \_\_\_

Sample Refrigerated: Yes \_\_\_ No 4 °C  
Refrigerator Temperature: \_\_\_ °C  
5035 Vials Frozen: Yes \_\_\_ No \_\_\_  
Freezer Temperature: \_\_\_ °C

Program: ☐ TACO/SRP ☐ CCDD ☐ NPDES ☐ LUST ☐ SDWA

**Notes and Special Instructions:**

\* SEE PAGE 1

Relinquished By:

Date/Time

9/17/18 9:55

Received By:

Date/Time

9/19/18 9:55

Relinquished By:

Date/Time

Received By:

Date/Time

## Bill Mottashed

---

**From:** Cory Wilson <cory.wilson@gza.com>  
**Sent:** Friday, October 5, 2018 1:35 PM  
**To:** Bill Mottashed; Neal Cleghorn  
**Cc:** Shane Cuplin  
**Subject:** RE: I-90/Rte 23  
**Attachments:** COC\_18-5486 Additional.pdf

Hi Bill/Neal,

Could we please run the following for this project (see attached COC with requests in green highlights):

- SB-1 (5-7'): pH
- SB-1 (7-9'): TCLP chromium
- SB-1 (13-15'): pH
- SB-6 (7-9'): TCLP iron
- SB-10 (9-11'): TCLP chromium

Thanks,

**Cory Wilson**

**Assistant Project Manager**

Huff & Huff, a Subsidiary of GZA | 915 Harger Road, Suite 330 | Oak Brook, IL 60523

o: 630.684.4445 | c: 224.423.3483 | [cory.wilson@gza.com](mailto:cory.wilson@gza.com) | [www.gza.com](http://www.gza.com) | [www.huffnhuff.com](http://www.huffnhuff.com) | [GZA LinkedIn](#)

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---

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**From:** Shane Cuplin

**Sent:** Wednesday, October 03, 2018 11:17 AM

**To:** Cory Wilson <[cory.wilson@gza.com](mailto:cory.wilson@gza.com)>

**Subject:** FW: I-90/Rte 23

**Shane Cuplin, P.G.**

**Senior Project Manager**

Huff & Huff, a Subsidiary of GZA | 915 Harger Road, Suite 330 | Oak Brook, IL 60523

o: 630.684.4424 | c: 630.918.8138 | [shane.cuplin@gza.com](mailto:shane.cuplin@gza.com) | [www.gza.com](http://www.gza.com) | [www.huffnhuff.com](http://www.huffnhuff.com) | [GZA LinkedIn](#)

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---

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**From:** Bill Mottashed <[Bill@firstenv.com](mailto:Bill@firstenv.com)>

**Sent:** Wednesday, October 3, 2018 11:11 AM

**To:** Shane Cuplin <[Shane.Cuplin@gza.com](mailto:Shane.Cuplin@gza.com)>

**Subject:** I-90/Rte 23

Shane:



## ATTACHMENT D





# DATABASE REPORT

**Project Property:** 81.0220534.02 I-90 and Rt-23  
State Highway 23  
Marengo IL

**Project No:** 81.0220534.02 I-90 and Rt-23

**Report Type:** Database Report

**Order No:** 20180827219

**Requested by:** Huff & Huff, Inc.

**Date Completed:** August 27, 2018

**Environmental Risk  
Information Services**  
A division of Glacier Media Inc.  
P: 1.866.517.5204  
E: [info@erisinfo.com](mailto:info@erisinfo.com)  
**[www.erisinfo.com](http://www.erisinfo.com)**

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## Executive Summary

### Property Information:

Project Property: 81.0220534.02 I-90 and Rt-23  
State Highway 23 Marengo IL

Project No: 81.0220534.02 I-90 and Rt-23

### Coordinates:

Latitude: 42.177498  
Longitude: -88.616392  
UTM Northing: 4,670,748.45  
UTM Easting: 366,505.13  
UTM Zone: UTM Zone 16T

Elevation: 823 FT

### Order Information:

Order No: 20180827219  
Date Requested: August 27, 2018  
Requested by: Huff & Huff, Inc.  
Report Type: Database Report

### Historicals/Products:

Aerial Photographs	Historical Aerials (Boundaries)
ERIS Xplorer	<a href="#">ERIS Xplorer</a>
Excel Add-On	Excel Add-On
Fire Insurance Maps	US Fire Insurance Maps
Physical Setting Report (PSR)	PSR
Topographic Map	Topographic Maps

## Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
<b>Standard Environmental Records</b>								
<b>Federal</b>								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	.5	0	0	0	0	-	0
SEMS	Y	.5	0	0	0	0	-	0
ODI	Y	.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	.5	0	0	0	0	-	0
CERCLIS	Y	.5	0	0	0	0	-	0
IODI	Y	.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	.5	0	0	0	0	-	0
RCRA LQG	Y	.25	0	0	0	-	-	0
RCRA SQG	Y	.25	0	0	0	-	-	0
RCRA CESQG	Y	.25	0	0	0	-	-	0
RCRA NON GEN	Y	.25	0	0	0	-	-	0
FED ENG	Y	.5	0	0	0	0	-	0
FED INST	Y	.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	.5	0	0	0	0	-	0
FEMA UST	Y	.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
<b>State</b>								
SSU	Y	1	0	0	0	0	0	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DELISTED SSU	Y	1	0	0	0	0	0	0
SWF/LF	Y	.5	0	0	0	0	-	0
SWF/LF SPECIAL	Y	.5	0	0	0	0	-	0
NIPC	Y	.5	0	0	0	1	-	1
CCDD	Y	.5	0	0	0	0	-	0
LUST	Y	.5	0	0	0	0	-	0
DELISTED LUST	Y	.5	0	0	0	0	-	0
LUST TRUST	Y	.5	0	0	0	0	-	0
UST	Y	.25	0	0	0	-	-	0
AST	Y	.25	0	0	1	-	-	1
DELISTED TANK	Y	.25	0	0	0	-	-	0
ENG	Y	.5	0	0	0	0	-	0
INST	Y	.5	0	0	0	0	-	0
SRP	Y	.5	0	0	0	0	-	0
BROWNFIELDS	Y	.5	0	0	0	0	-	0
BROWN MBRGP	Y	.5	0	0	0	0	-	0
<b>Tribal</b>								
INDIAN LUST	Y	.5	0	0	0	0	-	0
INDIAN UST	Y	.25	0	0	0	-	-	0
DELISTED ILST	Y	.5	0	0	0	0	-	0
DELISTED IUST	Y	.25	0	0	0	-	-	0
<b>County</b>								
TANKS CHICAGO	Y	.25	0	0	0	-	-	0
PERMITS CHICAGO	Y	.125	0	0	-	-	-	0
<b><u>Additional Environmental Records</u></b>								
<b>Federal</b>								
NCDL	Y	PO	0	-	-	-	-	0
TSCA	Y	.125	0	0	-	-	-	0
HIST TSCA	Y	.125	0	0	-	-	-	0
SCRD DRYCLEANER	Y	.5	0	0	0	0	-	0
FED DRYCLEANERS	Y	.25	0	0	0	-	-	0
DELISTED FED DRY	Y	.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	.25	0	0	0	-	-	0
SSTS	Y	.25	0	0	0	-	-	0
PCB	Y	.5	0	0	0	0	-	0

State

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
SPILLS	Y	.125	0	0	-	-	-	0
SPILLS2	Y	.125	0	0	-	-	-	0
DRYCLEANERS	Y	.25	0	0	0	-	-	0
DELISTED DRYC	Y	.25	0	0	0	-	-	0
CDL	Y	.25	0	0	0	-	-	0

Tribal *No Tribal additional environmental record sources available for this State.*

County *No County additional environmental record sources available for this State.*

---

Total:	0	0	1	1	0	2
--------	---	---	---	---	---	---

\* PO – Property Only

\* 'Property and adjoining properties' database search radii are set at 0.25 miles.

## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
--------------------	-----------	--------------------------	----------------	------------------	-----------------------------	---------------------------	------------------------

No records found in the selected databases for the project property.



## Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<u>1</u>	AST	AT&T MOBILITY	21303 HARMONY Road MARENGO IL 60152 <i>Tank   Type:</i> TANK#1-210   Tank - Above Ground Bulk Gene	NE	0.19 / 991.43	9	<u>15</u>
<u>2</u>	NIPC	LISSEN DUMP	RILEY TWP* IL	NNE	0.26 / 1,346.99	8	<u>15</u>



## Executive Summary: Summary by Data Source

### Standard

#### State

#### NIPC - Northeastern Illinois Planning Commission Historical Inventory of Solid Waste Disposal Sites in Northeastern Illinois

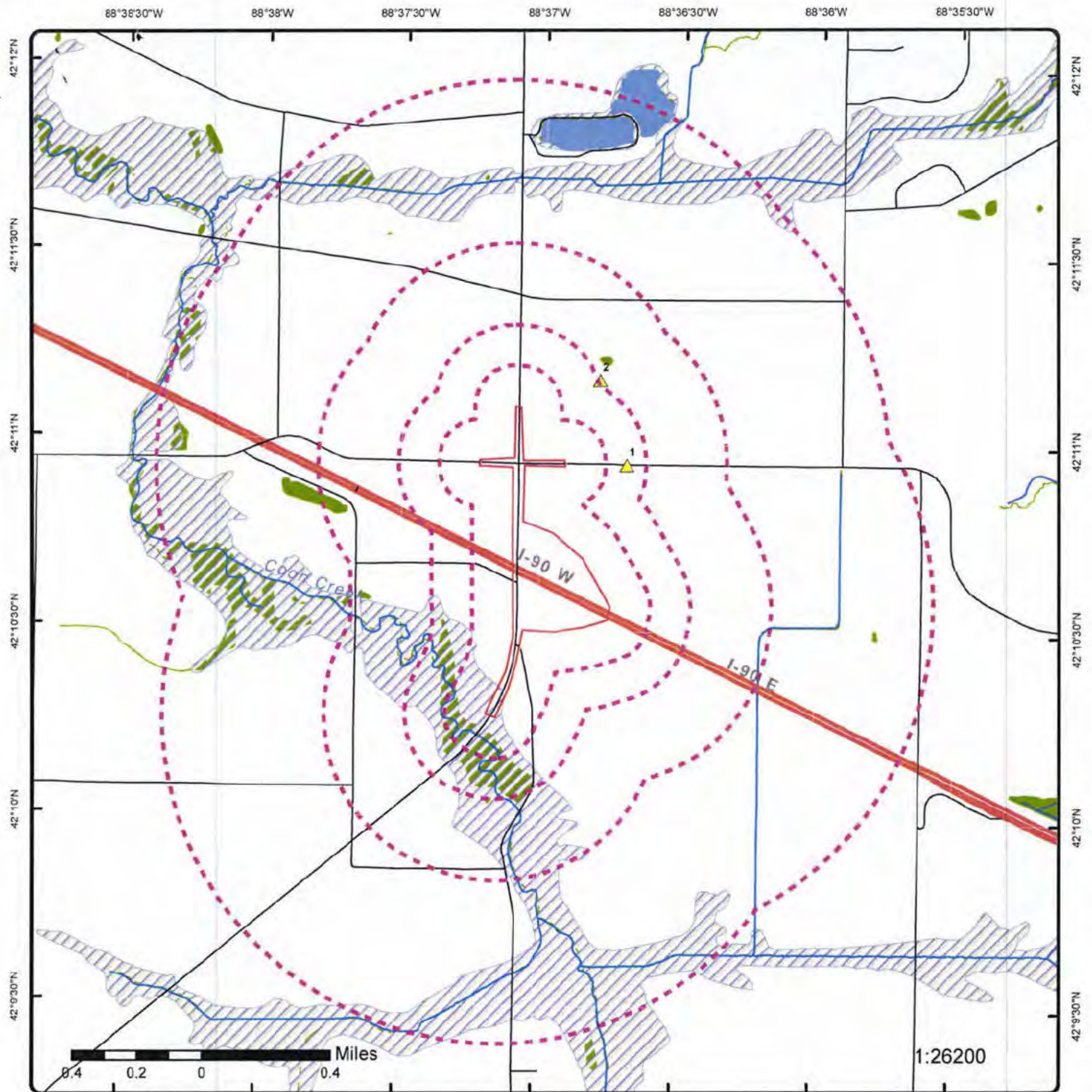
A search of the NIPC database, dated Dec 1987 has found that there are 1 NIPC site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
LISSON DUMP	RILEY TWP* IL	NNE	0.26 / 1,346.99	<u>2</u>

#### AST - Aboveground Storage Tanks (AST)

A search of the AST database, dated Jul 2, 2018 has found that there are 1 AST site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
AT&T MOBILITY	21303 HARMONY Road MARENGO IL 60152	NE	0.19 / 991.43	<u>1</u>
<i>Tank   Type: TANK#1-210   Tank - Above Ground Bulk Gene</i>				



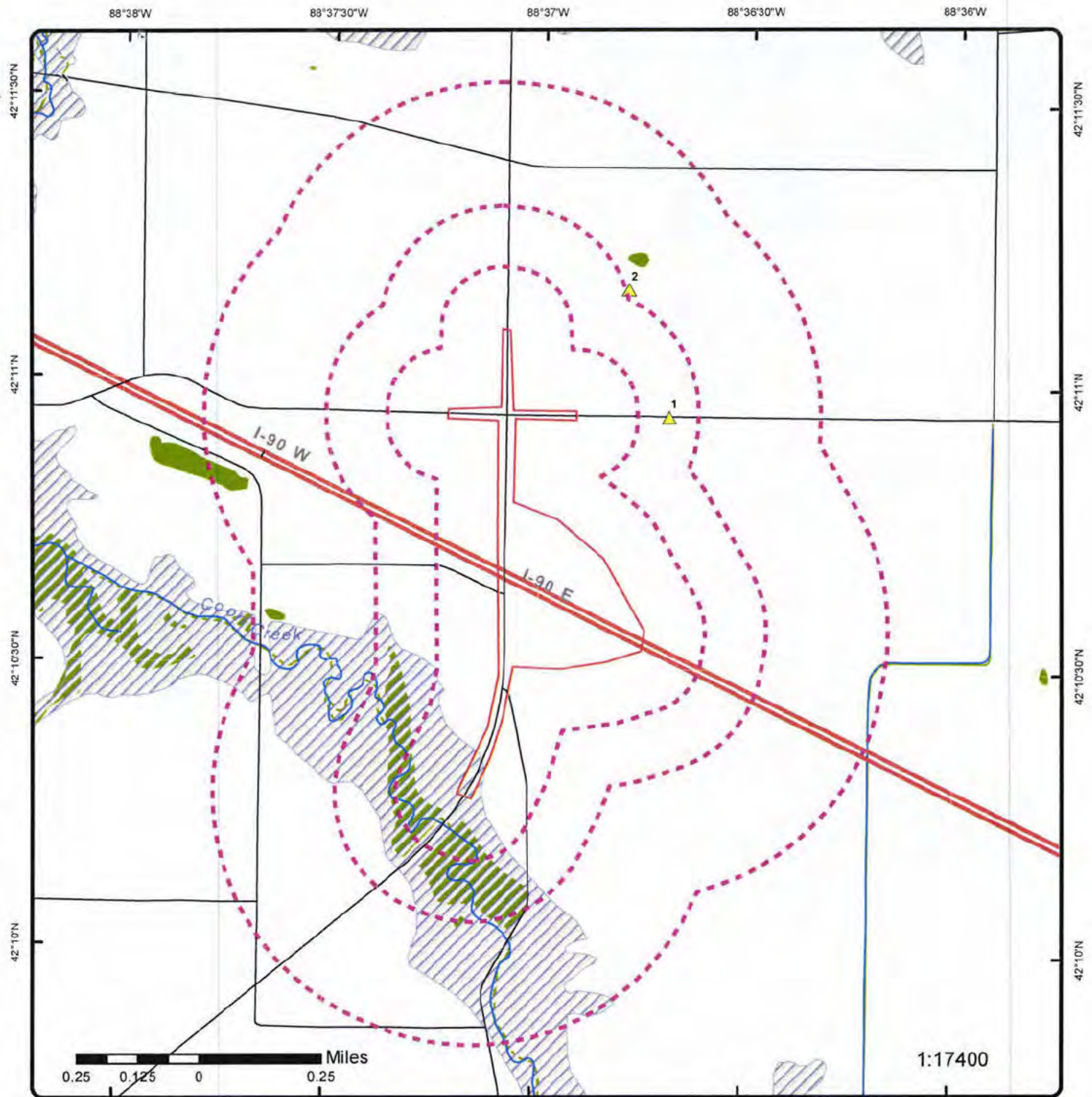
## Map : 1 Mile Radius

Order No: 20180827219

Address: State Highway 23, Marengo, IL







## Map : 0.5 Mile Radius

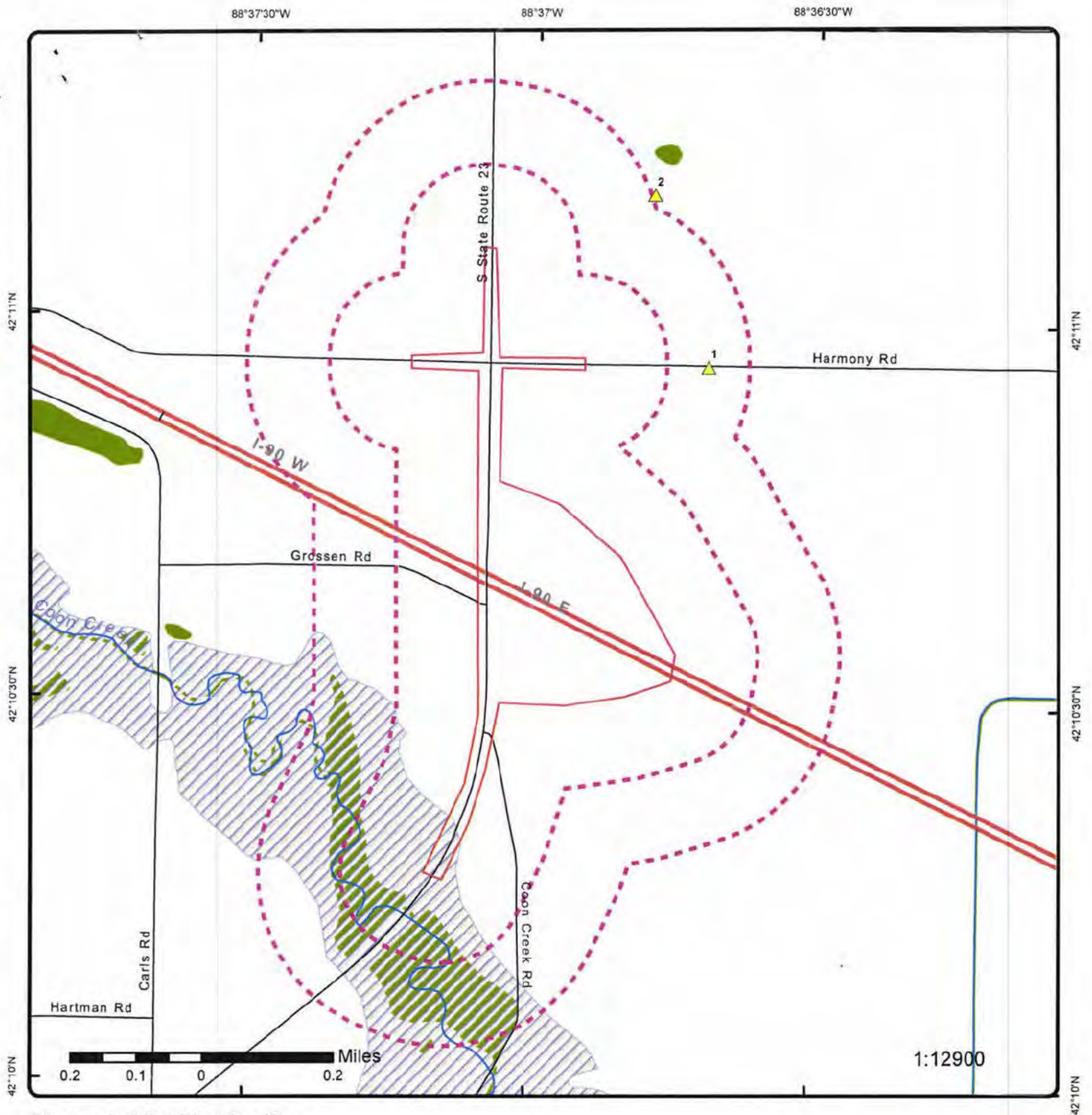
Order No: 20180827219

Address: State Highway 23, Marengo, IL



Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas:Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas:NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		





## Map : 0.25 Mile Radius

Order No: 20180827219

Address: State Highway 23, Marengo, IL



Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		





**Aerial** (2014)

**Address:** State Highway 23, Marengo, IL

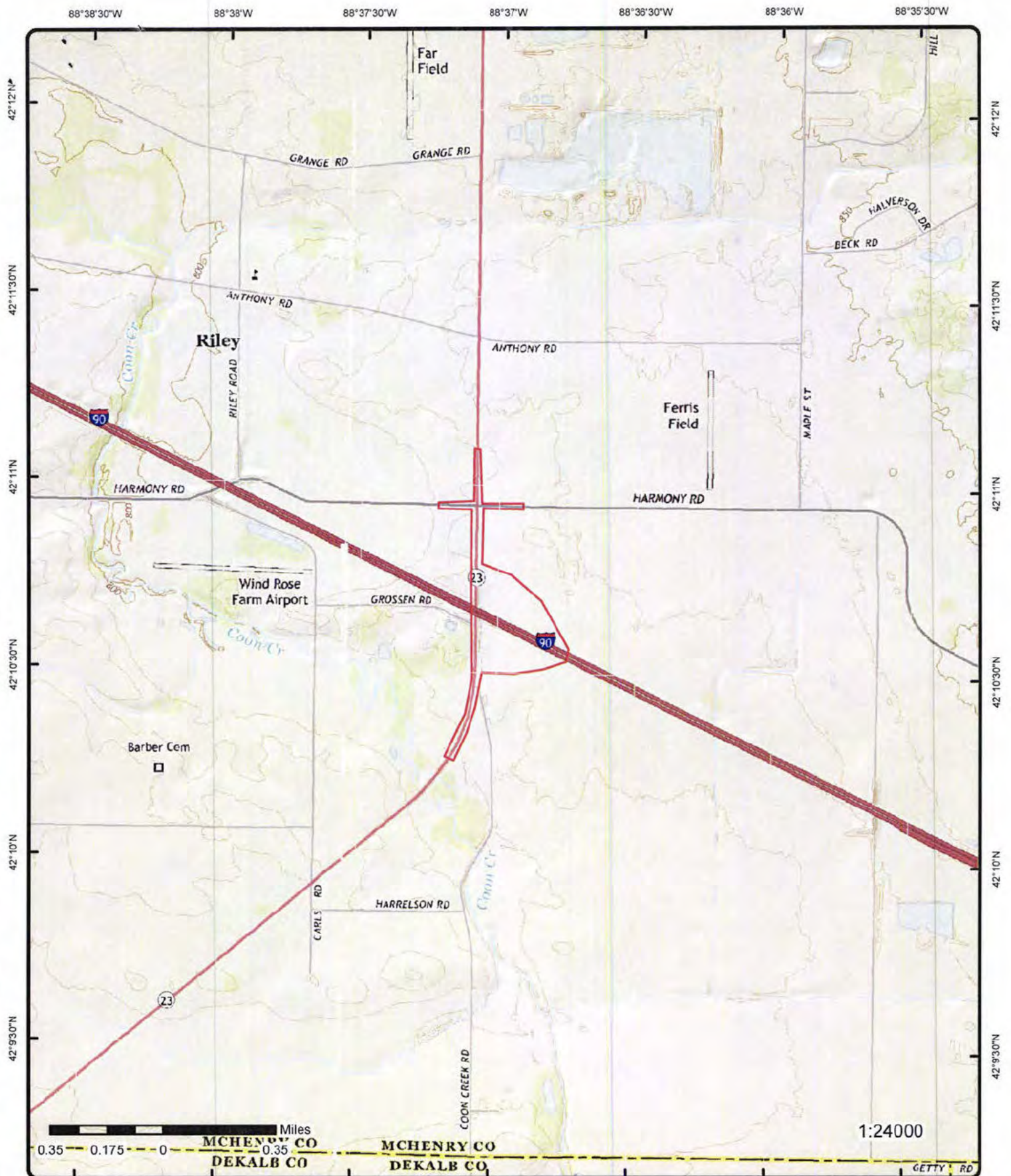
**Source:** ESRI World Imagery

Order No: 20180827219



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## Topographic Map (2015)

Address: State Highway 23, Marengo, IL

Quadrangle(s): Riley, IL; Marengo South, IL;

Source: USGS Topographic Map

Order No: 20180827219



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## Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>1</u>	1 of 1	NE	0.19 / 991.43	832.35 / 9	AT&T MOBILITY 21303 HARMONY Road MARENGO IL 60152	AST
Date: Tank: TANK#1-210 Type: Tank - Above Ground Bulk Gene Notice of Violations: Section No: MJ Occupancy No: MJ-059-1399408545298 Occupant: AT&T MOBILITY Occupant Type: 059 - ABOVE GROUND BULK STORAGE Inspector: Location Comment: Row: Occupant 2: Tank 2:						
<u>2</u>	1 of 1	NNE	0.26 / 1,346.99	831.00 / 8	LISSON DUMP  RILEY TWP* IL	NIPC
IEPA No: 1119999999 Active Sites: Source: QS 1st: SE* QS 2nd: SW* Map NO: 381 Prov NO: 111065000A Township: 43N Range: 05E Section: 23* County: MCHENRY COUNTY Sites Previ Record & Map: X Sites Previ Rec&Not Map:						

## Unplottable Summary

Total: 16 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
LUST	Aceway	Rt 23 <i>Incident No   NFR NFA Date: 960369   10/7/1996 12:00:00 AM</i>	De Kalb IL	60115	812674093
LUST	Brad Manning Ford	Rt. 23 South <i>Incident No   NFR NFA Date: 892641  </i>	De Kalb IL	60115	812674174
RCRA CESQG	MANNING BRAD FORD INC	RTE 23 S AT TOLLWAY	DE KALB IL	60115	810677564
RCRA CESQG	READ BROS	RT 23 S	DE KALB IL	60115	810689184
RCRA SQG	TOP DIE CASTING CO	RTE 23 N	MARENGO IL	60152	810681226
SPILLS	UNKNOWN	RT 23 SOUTH BOUND/MARENGO <i>Incident No: 951731</i>	MARENGO IL		822027189
SPILLS	BRAD MANNING FORD	Route 23 south <i>Incident No: 892641</i>	DEKALB IL		813027772
SPILLS	SUPREME LINE TRANSPORT	I-90 @ MARENGO EXIT <i>Incident No: 903180</i>	MARENGO IL		813029045
SPILLS	Amtrans	IL 90 2 Miles East of <i>Incident No: H-2006-1330</i>	Marango IL		812997945
SPILLS	LEVI BAIT CO.	I-90 westbound <i>Incident No: 891561</i>	MARENGO IL		822009938
SPILLS	TRI-LINE EXPRESSWAY, LTD	I-90 BY TOLL PLAZE 7 <i>Incident No: 992356</i>	MARENGO IL		822034985
SPILLS	MARENGO PUBLIC WORKS DEPT.	RT 23 NORTH	MARENGO IL		812987830



Incident No: 992752

UST	Brad Manning Ford Inc	Rt 23 S At The Tollway	De Kalb IL	60115	813473444
<i>Facility No   Facility Status:</i> 1024515   Closed <i>Tank No   Status   Removed Date:</i> 1   Removed   12/20/1991					
UST	Top Die Casting Co Inc	Rt 23 N Po Box 175	Marengo IL	60152	813483559
<i>Facility No   Facility Status:</i> 2020123   Exempt <i>Tank No   Status   Removed Date:</i> 2   Exempt from registration   , 1   Exempt from registration					
UST	De Kalb Block Co	Rt 23 S	De Kalb IL	61021	813466703
<i>Facility No   Facility Status:</i> 1001482   Exempt <i>Tank No   Status   Removed Date:</i> 1   Exempt from registration   1/1/1987					
UST	Holn One Donut Co	Rt 23 S	De Kalb IL	60115	813463465
<i>Facility No   Facility Status:</i> 1019524   Exempt <i>Tank No   Status   Removed Date:</i> 1   Exempt from registration   2/1/1985					

## Unplottable Report

Site: Aceway  
Rt 23 De Kalb IL 60115

LUST

**Incident No:** 960369  
**BL ID:** 0370105124  
**Rpt Rec 20:** 5/2/1996 12:00:00 AM  
**IEMA Date:** 3/6/1996 12:00:00 AM  
**Gasoline:** False  
**Unleaded:** False  
**Diesel:** False  
**Fuel Oil:** False  
**Jet Fuel:** False  
**Used Oil:** False  
**Non Petroleum Procd:** False  
**Other Petroleum:** True  
**Project Manager:** Hamilton

**Sec 57:** 732  
**Non Lust:**  
**Rpt Rec 45:** 8/2/1996 12:00:00 AM  
**Sec 57 5g:**  
**NFR NFA Date:** 10/7/1996 12:00:00 AM  
**NFR Recorded:**  
**Pre 74 Date:**  
**FPD Date:**  
**NFR Recission:**  
**NFR Voided:**  
**Phone:**  
**County:** DeKalb  
**First Name:** Jay  
**Email:**

**Site Class:**  
**Primary Resp Party Name:** James Wayman  
**Primary Resp Party Address:** 1814 Sycamore Rd.  
**Primary Resp Party City:** De Kalb  
**Primary Resp Party State:** IL  
**Primary Resp Party Zip:** 60115  
**Primary Resp Party Phone:**  
**Primary Resp Party Contact:**

Site: Brad Manning Ford  
Rt. 23 South De Kalb IL 60115

LUST

**Incident No:** 892641  
**BL ID:** 0370105034  
**Rpt Rec 20:** 1/10/1990 12:00:00 AM  
**IEMA Date:** 12/14/1989 12:00:00 AM  
**Gasoline:** False  
**Unleaded:** False  
**Diesel:** False  
**Fuel Oil:** False  
**Jet Fuel:** False  
**Used Oil:** False  
**Non Petroleum Procd:** True  
**Other Petroleum:** False  
**Project Manager:** Duffy

**Sec 57:** 731  
**Non Lust:** 2/5/1990 12:00:00 AM  
**Rpt Rec 45:** 2/5/1990 12:00:00 AM  
**Sec 57 5g:**  
**NFR NFA Date:**  
**NFR Recorded:**  
**Pre 74 Date:**  
**FPD Date:**  
**NFR Recission:**  
**NFR Voided:**  
**Phone:**  
**County:** DeKalb  
**First Name:**  
**Email:**

**Site Class:**  
**Primary Resp Party Name:** Brad Manning Ford  
**Primary Resp Party Address:** P.O. Box 428  
**Primary Resp Party City:** De Kalb  
**Primary Resp Party State:** IL  
**Primary Resp Party Zip:** 60115  
**Primary Resp Party Phone:**  
**Primary Resp Party Contact:** Pat Manning

Site: MANNING BRAD FORD INC  
RTE 23 S AT TOLLWAY DE KALB IL 60115

RCRA CESQG

**EPA Handler ID:** ILD021428354  
**Gen Status Universe:** Conditionally Exempt Small Quantity Generator  
**Contact Name:** ED BRADY  
**Contact Address:** PO BOX 428, , DE KALB, IL, 60115, US  
**Contact Phone No and Ext:** 815-756-6325

**Contact Email:**  
**Contact Country:** US  
**EPA Region:** 05  
**County Name:** DE KALB  
**Land Type:** Private  
**Receive Date:**

#### Violation/Evaluation Summary

**Note:** NO RECORDS: As of May 2018, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

#### Handler Summary

**Importer Activity:** No  
**Mixed Waste Generator:** No  
**Transporter Activity:** No  
**Transfer Facility:** No  
**Onsite Burner Exemption:** No  
**Furnace Exemption:** No  
**Underground Injection Activity:** No  
**Commercial TSD:** No  
**Used Oil Transporter:** No  
**Used Oil Transfer Facility:** No  
**Used Oil Processor:** No  
**Used Oil Refiner:** No  
**Used Oil Burner:** No  
**Used Oil Market Burner:** No  
**Used Oil Spec Marketer:** No

#### Hazardous Waste Details

**Receive Date:** 19880811  
**Handler Name:** MANNING BRAD FORD INC  
**Generator Status Universe:** CEG

#### Waste Code Details

**Hazardous Waste Code:** F003  
**Waste Code Description:** THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

**Hazardous Waste Code:** D001  
**Waste Code Description:** IGNITABLE WASTE

**Hazardous Waste Code:** F005  
**Waste Code Description:** THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

#### Owner/Operator Details

**Owner/Operator Ind:** Current Operator  
**Type:** P  
**Name:** NAME NOT REPORTED  
**Date Became Current:**  
**Date Ended Current:**  
**Phone:** 312-555-1212

**Street No:**  
**Street 1:** ADDRESS NOT REPORTED  
**Street 2:**  
**City:** CITY NOT REPORTED  
**State:** AK  
**Country:**

Source Type:	N	Zip Code:	99998
Owner/Operator Ind:	Current Owner	Street No:	
Type:	P	Street 1:	5 INVERNESS CT
Name:	MANNING PATRICK	Street 2:	
Date Became Current:		City:	DEKALB
Date Ended Current:		State:	IL
Phone:	815-756-9495	Country:	
Source Type:	N	Zip Code:	60115

Site: READ BROS  
RT 23 S DE KALB IL 60115

RCRA CESQG

EPA Handler ID: ILD984851675  
Gen Status Universe: Conditionally Exempt Small Quantity Generator  
Contact Name: THOMAS MARTIN  
Contact Address: RT 23 S, DE KALB, IL, 60115, US  
Contact Phone No and Ext: 815-758-6621  
Contact Email:  
Contact Country: US  
EPA Region: 05  
County Name: DE KALB  
Land Type: Private  
Receive Date:

#### Violation/Evaluation Summary

Note: NO RECORDS: As of May 2018, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

#### Handler Summary

Importer Activity: No  
Mixed Waste Generator: No  
Transporter Activity: No  
Transfer Facility: No  
Onsite Burner Exemption: No  
Furnace Exemption: No  
Underground Injection Activity: No  
Commercial TSD: No  
Used Oil Transporter: No  
Used Oil Transfer Facility: No  
Used Oil Processor: No  
Used Oil Refiner: No  
Used Oil Burner: No  
Used Oil Market Burner: No  
Used Oil Spec Marketer: No

#### Hazardous Waste Details

Receive Date: 19920212  
Handler Name: READ BROS  
Generator Status Universe: CEG

#### Waste Code Details

Hazardous Waste Code: D001  
Waste Code Description: IGNITABLE WASTE  
  
Hazardous Waste Code: D039  
Waste Code Description: TETRACHLOROETHYLENE  
  
Hazardous Waste Code: D008  
Waste Code Description: LEAD  
  
Hazardous Waste Code: D000  
Waste Code Description: DESCRIPTION

**Hazardous Waste Code:** D018  
**Waste Code Description:** BENZENE

Owner/Operator Details

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	P	<b>Street 1:</b>	RT 23 S
<b>Name:</b>	READ BROS FARM EQUIP	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	DE KALB
<b>Date Ended Current:</b>		<b>State:</b>	IL
<b>Phone:</b>	815-758-6621	<b>Country:</b>	
<b>Source Type:</b>	N	<b>Zip Code:</b>	60115

**Site:** TOP DIE CASTING CO  
RTE 23 N MARENGO IL 60152

RCRA SQG

**EPA Handler ID:** ILD984789941  
**Gen Status Universe:** Small Quantity Generator  
**Contact Name:** FRED EVANS  
**Contact Address:** PO BOX 175, , MARENGO, IL, 60152, US  
**Contact Phone No and Ext:** 815-568-8081  
**Contact Email:**  
**Contact Country:** US  
**EPA Region:** 05  
**County Name:** MCHENRY  
**Land Type:** Private  
**Receive Date:**

Violation/Evaluation Summary

**Note:** NO RECORDS: As of May 2018, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

**Importer Activity:** No  
**Mixed Waste Generator:** No  
**Transporter Activity:** No  
**Transfer Facility:** No  
**Onsite Burner Exemption:** No  
**Furnace Exemption:** No  
**Underground Injection Activity:** No  
**Commercial TSD:** No  
**Used Oil Transporter:** No  
**Used Oil Transfer Facility:** No  
**Used Oil Processor:** No  
**Used Oil Refiner:** No  
**Used Oil Burner:** No  
**Used Oil Market Burner:** No  
**Used Oil Spec Marketer:** No

Hazardous Waste Details

**Receive Date:** 19900731  
**Handler Name:** TOP DIE CASTING CO  
**Generator Status Universe:** Small Quantity Generator

Waste Code Details

**Hazardous Waste Code:** D000  
**Waste Code Description:** DESCRIPTION  
  
**Hazardous Waste Code:** D001  
**Waste Code Description:** IGNITABLE WASTE

**Owner/Operator Details**

**Owner/Operator Ind:** Current Owner  
**Type:** Private  
**Name:** TOP DIE CASTING CO  
**Date Became Current:**  
**Date Ended Current:**  
**Phone:** 815-568-8081  
**Source Type:** N

**Street No:**  
**Street 1:** PO BOX 175  
**Street 2:**  
**City:** MARENGO  
**State:** IL  
**Country:**  
**Zip Code:** 60152

**Site:** UNKNOWN  
RT 23 SOUTH BOUND/MARENGO MARENGO IL

SPILLS

**Incident No:** 951731  
**Hazmat Incid Type:** SPILL  
**Leaking UST:**  
**Dt/Tm Occurred:** 08/15/95 1139  
**Incident Rprt Date:** 8/15/1995 12:00:00 PM  
**Area Involved:** HIGHWAY  
**Media or Medium:**  
**Incident County:** MC HENRY  
**Entered by:**  
**Data Input Status:** CLOSED  
**Caller:** KATHY PHILLIPS  
**Caller Represents:** MARENGO POLICE DEPARTMENT  
**Facility Manager:**  
**Fac Manager Phone:**  
**Contacted ESDA?:**  
**ESDA on Scene?:**  
**Spec ESDA Contact:**  
**Contact Fire Dept?:**  
**Fire Dept on Scene:**  
**Fire Dept Name:**  
**Name:** UNKNOWN  
**Responsible Party Street:** 142 EAST PRAIRIE STREET, MARENGO, IL 60152  
**Narrative:**

**Contacted Police?:**  
**Police on Scene?:**  
**Police Dept Name:**  
**Sheriff Dept:**  
**Sheriff on Scene:**  
**Sheriff Dept Name:**  
**Other Contact?:**  
**Other on Scene?:**  
**Other Agency Name:**  
**Temp:**  
**Wind:**  
**City:** MARENGO  
**State:** ILLINOIS  
**County:** MC HENRY  
**Milepost:**  
**Section:**  
**Township:**  
**Range:**  
**Latitude:**  
**Longitude:**

**Spill Material Information (excel)**

**UN NA No:**  
**CAS No:**  
**Chris Code:**  
**Type:** UNKNOWN  
**Name:** DIESEL FUEL  
**Container Type:** TRUCK  
**Container Size:** TRUCK  
**Amount Released:** APPX. 25 GALS  
**Duration Of Release:**  
**Cause Of Release:** UNKNOWN  
**Estimated Spill Extent:**  
**Spill Extent Units:**  
**Rate Of Release Min:**  
**Is This A 302 A Extrmly Haz?:**  
**Is This A Rcra Haz Waste?:**  
**Is This A Rcra Regulated Facil:**

**Site:** BRAD MANNING FORD  
Route 23 south DEKALB IL

SPILLS

**Incident No:** 892641  
**Hazmat Incid Type:** LEAK  
**Leaking UST:**  
**Dt/Tm Occurred:**  
**Incident Rprt Date:** 12/14/1989 1:57:00 PM  
**Area Involved:**  
**Media or Medium:**  
**Incident County:** DEKALB

**Contacted Police?:**  
**Police on Scene?:**  
**Police Dept Name:**  
**Sheriff Dept:**  
**Sheriff on Scene:**  
**Sheriff Dept Name:**  
**Other Contact?:**  
**Other on Scene?:**

Entered by:  
Data Input Status: CLOSED  
Caller: PAT MANNING  
Caller Represents: BRAD MANNING FORD  
Facility Manager:  
Fac Manager Phone:  
Contacted ESDA?:  
ESDA on Scene?:  
Spec ESDA Contact:  
Contact Fire Dept?:  
Fire Dept on Scene:  
Fire Dept Name:  
Name: BRAD MANNING FORD  
Responsible Party Street: P.O.BOX 428 DEKALB,IL. 60115  
Narrative:

Other Agency Name:  
Temp:  
Wind:  
City: DEKALB  
State: ILLINOIS  
County: DEKALB  
Milepost:  
Section:  
Township:  
Range:  
Latitude:  
Longitude:

Spill Material Information (excel)

UN NA No:  
CAS No:  
Chris Code:  
Type: UNKNOWN  
Name: HYDRAULIC FLUID  
Container Type: UNDERGROUND TANK  
Container Size: UNDERGROUND TANK  
Amount Released: 20-25 GALLONS  
Duration Of Release:  
Cause Of Release: HYDRAULIC VALVE BROKE  
Estimated Spill Extent:  
Spill Extent Units:  
Rate Of Release Min:  
Is This A 302 A Extrmly Haz?:  
Is This A Rcra Haz Waste?:  
Is This A Rcra Regulated Facil:

Site: SUPREME LINE TRANSPORT  
I-90 @ MARENGO EXIT MARENGO IL

SPILLS

Incident No: 903180  
Hazmat Incid Type: LEAK  
Leaking UST:  
Dt/Tm Occurred: 10/25/90 1200  
Incident Rprt Date: 10/29/1990 11:23:00 AM  
Area Involved: HIGHWAY  
Media or Medium:  
Incident County: MCHENRY  
Entered by:  
Data Input Status: CLOSED  
Caller: CHUCK BRUTLAG  
Caller Represents: IEPA  
Facility Manager:  
Fac Manager Phone:  
Contacted ESDA?:  
ESDA on Scene?:  
Spec ESDA Contact:  
Contact Fire Dept?:  
Fire Dept on Scene:  
Fire Dept Name:  
Name: SUPREME LINE TRANSPORT  
Responsible Party Street:  
Narrative:

Contacted Police?:  
Police on Scene?:  
Police Dept Name:  
Sheriff Dept:  
Sheriff on Scene:  
Sheriff Dept Name:  
Other Contact?:  
Other on Scene?:  
Other Agency Name:  
Temp:  
Wind:  
City: MARENGO  
State: ILLINOIS  
County: MCHENRY  
Milepost:  
Section:  
Township:  
Range:  
Latitude:  
Longitude:

Spill Material Information (excel)

UN NA No:  
CAS No:  
Chris Code:



Type: UNKNOWN  
Name: MOTOR OIL  
Container Type: TRUCK  
Container Size: TRUCK  
Amount Released: 2,000 GAL.  
Duration Of Release:  
Cause Of Release: ACCIDENT  
Estimated Spill Extent:  
Spill Extent Units:  
Rate Of Release Min:  
Is This A 302 A Extrmly Haz?:  
Is This A Rcra Haz Waste?:  
Is This A Rcra Regulated Facil:

Site: Amtrans  
IL 90 2 Miles East of Marango IL

SPILLS

Incident No:	H-2006-1330	Contacted Police?:	
Hazmat Incid Type:	Leak or Spill	Police on Scene?:	
Leaking UST:		Police Dept Name:	
Dt/Tm Occurred:		Sheriff Dept:	
Incident Rprt Date:	10/26/2006 7:21:00 AM	Sheriff on Scene:	
Area Involved:	Highway	Sheriff Dept Name:	
Media or Medium:		Other Contact?:	
Incident County:	McHenry	Other on Scene?:	
Entered by:	Sullan, Hugo/Comm Center/IEMA	Other Agency Name:	
Data Input Status:	Closed	Temp:	Unk
Caller:	Chris Fisher	Wind:	Unknown
Caller Represents:	XL Insurance	City:	Marango
Facility Manager:		State:	ILLINOIS
Fac Manager Phone:		County:	McHenry
Contacted ESDA?:		Milepost:	38.5
ESDA on Scene?:		Section:	
Spec ESDA Contact:		Township:	
Contact Fire Dept?:		Range:	
Fire Dept on Scene:		Latitude:	
Fire Dept Name:		Longitude:	
Name:	Amtrans		
Responsible Party Street:	400 North Wolf Road, North Lake, IL. 60164		
Narrative:			

Caller called in report for the responsible party. Driver was killed due to accident. Caller also stated that a report may have been made already. 07:38  
Faxed to IEPA/OSFM/NRTP/IDOT/Region 3

#### Spill Agency Information

Agency Notified:  
Notified Date/Time: Jan 27 2010 4:50PM  
Notification Action: Contacted  
Name of Person: Dean English

#### Spill Material Information (excel)

UN NA No: Unknown  
CAS No: Unknown  
Chris Code: Unk  
Type: Liquid  
Name: Diesel fuel  
Container Type: Truck  
Container Size: 2\_150 Gals.  
Amount Released: 20 Gals.  
Duration Of Release:  
Cause Of Release: Accident  
Estimated Spill Extent: 100  
Spill Extent Units: Square Yards  
Rate Of Release Min:  
Is This A 302 A Extrmly Haz?: No  
Is This A Rcra Haz Waste?: No



Is This A Rcra Regulated Facil: No

Site: LEVI BAIT CO.  
I-90 westbound MARENGO IL

SPILLS

Incident No: 891561  
Hazmat Incid Type: LEAK  
Leaking UST:  
Dt/Tm Occurred: 8/20/1989  
Incident Rprt Date: 8/20/1989 11:38:00 PM  
Area Involved:  
Media or Medium:  
Incident County: MCHENRY  
Entered by:  
Data Input Status: CLOSED  
Caller: ISPC/CONNIE  
Caller Represents: ILLINOIS STATE POLICE  
Facility Manager:  
Fac Manager Phone:  
Contacted ESDA?:  
ESDA on Scene?:  
Spec ESDA Contact:  
Contact Fire Dept?:  
Fire Dept on Scene:  
Fire Dept Name:  
Name: LEVI BAIT CO.  
Responsible Party Street:  
Narrative:

Contacted Police?:  
Police on Scene?:  
Police Dept Name:  
Sheriff Dept:  
Sheriff on Scene:  
Sheriff Dept Name:  
Other Contact?:  
Other on Scene?:  
Other Agency Name:  
Temp:  
Wind:  
City: MARENGO  
State: ILLINOIS  
County: MCHENRY  
Milepost:  
Section:  
Township:  
Range:  
Latitude:  
Longitude:

Spill Agency Information

Agency Notified: MARENGO FD, ISP DIST.15  
Notified Date/Time:  
Notification Action: Contacted  
Name of Person:

Spill Material Information (excel)

UN NA No:  
CAS No:  
Chris Code:  
Type: UNKNOWN  
Name: OXYGEN RERIGERATED LIQUID  
Container Type: TRUCK/4CYLINDERS LEAKING  
Container Size: TRUCK/4CYLINDERS LEAKING  
Amount Released:  
Duration Of Release:  
Cause Of Release: Oct-50  
Estimated Spill Extent:  
Spill Extent Units:  
Rate Of Release Min:  
Is This A 302 A Extrmly Haz?:  
Is This A Rcra Haz Waste?:  
Is This A Rcra Regulated Facil:

Site: TRI-LINE EXPRESSWAY, LTD  
I-90 BY TOLL PLAZE 7 MARENGO IL

SPILLS

Incident No: 992356  
Hazmat Incid Type: SPILL  
Leaking UST:  
Dt/Tm Occurred: 10/16/99 1330  
Incident Rprt Date: 10/16/1999 10:28:00 PM  
Area Involved: HIGHWAY  
Media or Medium:  
Incident County: MCHENRY  
Entered by:

Contacted Police?:  
Police on Scene?:  
Police Dept Name:  
Sheriff Dept:  
Sheriff on Scene:  
Sheriff Dept Name:  
Other Contact?:  
Other on Scene?:  
Other Agency Name:

Data Input Status: CLOSED  
Caller: CHUCK COPELAND  
Caller Represents: HMHATT RESPONSE  
Facility Manager:  
Fac Manager Phone:  
Contacted ESDA?:  
ESDA on Scene?:  
Spec ESDA Contact:  
Contact Fire Dept?:  
Fire Dept on Scene:  
Fire Dept Name:  
Name: TRI-LINE EXPRESSWAY, LTD  
Responsible Party Street: 9559 40TH ST, SE P.O. BOX 1212, STN T CALGARY, ONTARIO CANADA  
Narrative:  
Temp:  
Wind:  
City: MARENGO  
State: ILLINOIS  
County: MCHENRY  
Milepost:  
Section:  
Township:  
Range:  
Latitude:  
Longitude:

RP\_MAIL\_CONT[T2H-2J1 // CAUSE\_RELEASE[AINERS

Spill Material Information (excel)

UN NA No:  
CAS No:  
Chris Code:  
Type: UNKNOWN  
Name: KAY CHEMICAL CLEANING DETERGENT  
Container Type: 5 GAL PLASTIC CONTAINERS  
Container Size: 5 GAL PLASTIC CONTAINERS  
Amount Released: UNKNOWN  
Duration Of Release:  
Cause Of Release: LOAD SHIFTED-BREAKING CONT  
Estimated Spill Extent:  
Spill Extent Units:  
Rate Of Release Min:  
Is This A 302 A Extrmly Haz?:  
Is This A Rcra Haz Waste?:  
Is This A Rcra Regulated Facil:

Site: MARENGO PUBLIC WORKS DEPT.  
RT 23 NORTH MARENGO IL

SPILLS

Incident No: 992752  
Hazmat Incid Type: LEAK OR SPILL  
Leaking UST:  
Dt/Tm Occurred:  
Incident Rprt Date: 12/14/1999 11:50:00 AM  
Area Involved: FIXED FACILITY  
Media or Medium:  
Incident County: MCHENRY  
Entered by:  
Data Input Status: CLOSED  
Caller: DONALD CRANEY  
Caller Represents: MARENGO PUBLIC WORKS DEPT  
Facility Manager:  
Fac Manager Phone:  
Contacted ESDA?:  
ESDA on Scene?:  
Spec ESDA Contact:  
Contact Fire Dept?:  
Fire Dept on Scene:  
Fire Dept Name:  
Name: MARENGO PUBLIC WORKS DEPT.  
Responsible Party Street:  
Narrative:  
Contacted Police?:  
Police on Scene?:  
Police Dept Name:  
Sheriff Dept:  
Sheriff on Scene:  
Sheriff Dept Name:  
Other Contact?:  
Other on Scene?:  
Other Agency Name:  
Temp:  
Wind:  
City: MARENGO  
State: ILLINOIS  
County: MCHENRY  
Milepost:  
Section:  
Township:  
Range:  
Latitude:  
Longitude:

Spill Material Information (excel)

UN NA No:  
CAS No:

Cfris Code:  
Type: UNKNOWN  
Name: GASOLINE  
Container Type: UNDERGROUND TANK  
Container Size: UNDERGROUND TANK  
Amount Released: UNKNOWN  
Duration Of Release:  
Cause Of Release: HOLE IN TANK OR OVERSPILLS  
Estimated Spill Extent:  
Spill Extent Units:  
Rate Of Release Min:  
Is This A 302 A Ex'rmy Haz?:  
Is This A Rcra Haz Waste?:  
Is This A Rcra Regulated Facil:

**Site:** Brad Manning Ford Inc  
Rt 23 S At The Tollway De Kalb IL 60115

UST

Facility No:	1024515	Green Tag Decal:	
Facility Status:	Closed	Green Tag Issue Date:	
Facility Type:	None	Green Tag Exp Dt:	
Motor Fuel Type:		Mtr Fuel Perm Insp Dt:	
Owner Type:		Mtr Fuel Perm Exp Dt:	
Owner Name:	Brad Manning Ford Inc	Purchase Date:	
Owner Status:	Current Owner	County:	De Kalb
Owner Address:	Rt 23 S At The TollwayBox 428De Kalb, IL 60115		
Type Financial Resp:			
Fin Resp Rpt Due:			
Permit History Link:	<a href="https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/1024515">https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/1024515</a>		

**Tank Information**

Tank No:	1	Product:	Used Oil
Capacity:	500	CERCLA Substance:	
Status:	Removed	CAS Code:	
Install Date:		OSFM First Notify Dt:	12/19/1988
Abandoned Date:		Abandoned Material:	
Last Used Date:		Red Tag Issue Date:	
Removed Date:	12/20/1991	Product Date:	
Current Age:	23	Fee Due:	
Petroleum Use:			

**Owner Summary**

Owner No:	U0001860	Owner Status:	Current Owner
Owner Name:	Brad Manning Ford Inc	Purchase Date:	

**Site:** Top Die Casting Co Inc  
Rt 23 N Po Box 175 Marengo IL 60152

UST

Facility No:	2020123	Green Tag Decal:	
Facility Status:	Exempt	Green Tag Issue Date:	
Facility Type:	None	Green Tag Exp Dt:	
Motor Fuel Type:		Mtr Fuel Perm Insp Dt:	
Owner Type:		Mtr Fuel Perm Exp Dt:	
Owner Name:	Top Die Casting Co Inc	Purchase Date:	
Owner Status:	Current Operator	County:	McHenry
Owner Address:	Rt 23 N Po Box 175Marengo, IL 60152		
Type Financial Resp:			
Fin Resp Rpt Due:			
Permit History Link:	<a href="https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2020123">https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2020123</a>		

**Tank Information**

Tank No:	2	Product:	
Capacity:	99	CERCLA Substance:	
Status:	Exempt from registration	CAS Code:	

**Install Date:**  
**Abandoned Date:**  
**Last Used Date:** 1/1/1961  
**Removed Date:**  
**Current Age:**  
**Petroleum Use:**

**OSFM First Notify Dt:** 6/12/1986  
**Abandoned Material:**  
**Red Tag Issue Date:**  
**Product Date:**  
**Fee Due:**

**Tank Information**

**Tank No:** 1  
**Capacity:** 99  
**Status:** Exempt from registration  
**Install Date:**  
**Abandoned Date:**  
**Last Used Date:** 1/1/1961  
**Removed Date:**  
**Current Age:**  
**Petroleum Use:**

**Product:**  
**CERCLA Substance:**  
**CAS Code:**  
**OSFM First Notify Dt:** 6/12/1986  
**Abandoned Material:**  
**Red Tag Issue Date:**  
**Product Date:**  
**Fee Due:**

**Owner Summary**

**Owner No:** U0015091  
**Owner Name:** Top Die Casting Co Inc

**Owner Status:** Current Operator  
**Purchase Date:**

**Site:** **De Kalb Block Co**  
**Rt 23 S De Kalb IL 61021**

UST

**Facility No:** 1001482  
**Facility Status:** Exempt  
**Facility Type:** None  
**Motor Fuel Type:**  
**Owner Type:**  
**Owner Name:** Eller & Willey Block Company  
**Owner Status:** Current Owner  
**Owner Address:** 649 Palmyra Road Dixon, IL 61021  
**Type Financial Resp:**  
**Fin Resp Rpt Due:**  
**Permit History Link:** <https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/1001482>

**Green Tag Decal:**  
**Green Tag Issue Date:**  
**Green Tag Exp Dt:**  
**Mtr Fuel Perm Insp Dt:**  
**Mtr Fuel Perm Exp Dt:**  
**Purchase Date:**  
**County:** De Kalb

**Tank Information**

**Tank No:** 1  
**Capacity:** 1000  
**Status:** Exempt from registration  
**Install Date:**  
**Abandoned Date:**  
**Last Used Date:**  
**Removed Date:** 1/1/1987  
**Current Age:** 29  
**Petroleum Use:**

**Product:** Gasoline  
**CERCLA Substance:**  
**CAS Code:**  
**OSFM First Notify Dt:** 3/5/1986  
**Abandoned Material:**  
**Red Tag Issue Date:**  
**Product Date:**  
**Fee Due:**

**Owner Summary**

**Owner No:** U0004683  
**Owner Name:** Eller & Willey Block Company

**Owner Status:** Current Owner  
**Purchase Date:**

**Site:** **Holn One Donut Co**  
**Rt 23 S De Kalb IL 60115**

UST

**Facility No:** 1019524  
**Facility Status:** Exempt  
**Facility Type:** None  
**Motor Fuel Type:**  
**Owner Type:**  
**Owner Name:** Holn One Donut Co  
**Owner Status:** Current Owner

**Green Tag Decal:**  
**Green Tag Issue Date:**  
**Green Tag Exp Dt:**  
**Mtr Fuel Perm Insp Dt:**  
**Mtr Fuel Perm Exp Dt:**  
**Purchase Date:**  
**County:** De Kalb

**Owner Address:** Rt 23 SDe Kalb, IL 60115  
**Type Financial Resp:**  
**Fin Resp Rpt Due:**  
**Permit History Link:** <https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/1019524>

**Tank Information**

<b>Tank No:</b>	1	<b>Product:</b>	Diesel Fuel
<b>Capacity:</b>	99	<b>CERCLA Substance:</b>	
<b>Status:</b>	Exempt from registration	<b>CAS Code:</b>	
<b>Install Date:</b>		<b>OSFM First Notify Dt:</b>	4/9/1986
<b>Abandoned Date:</b>		<b>Abandoned Material:</b>	
<b>Last Used Date:</b>	2/1/1985	<b>Red Tag Issue Date:</b>	
<b>Removed Date:</b>	2/1/1985	<b>Product Date:</b>	
<b>Current Age:</b>		<b>Fee Due:</b>	
<b>Petroleum Use:</b>			

**Owner Summary**

<b>Owner No:</b>	U0006949	<b>Owner Status:</b>	Current Owner
<b>Owner Name:</b>	Holn One Donut Co	<b>Purchase Date:</b>	

## Appendix: Database Descriptions

*Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:*

*"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."*

### Standard Environmental Record Sources

#### Federal

##### National Priority List:

NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

*Government Publication Date: Jul 3, 2018*

##### National Priority List - Proposed:

PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

*Government Publication Date: Jul 3, 2018*

##### Deleted NPL:

DELETED NPL

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.

*Government Publication Date: Jul 3, 2018*

##### SEMS List 8R Active Site Inventory:

SEMS

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

*Government Publication Date: Jun 8, 2018*

##### Inventory of Open Dumps, June 1985:

ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

*Government Publication Date: Jun 1985*

##### SEMS List 8R Archive Sites:

SEMS ARCHIVE

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

*Government Publication Date: Jun 8, 2018*



**CERCLIS:**

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

**Government Publication Date: Oct 25, 2013**

**EPA Report on the Status of Open Dumps on Indian Lands:**

IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

**Government Publication Date: Dec 31, 1998**

**CERCLIS - No Further Remedial Action Planned:**

CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

**Government Publication Date: Oct 25, 2013**

**CERCLIS Liens:**

CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Jan 30, 2014**

**RCRA CORRACTS-Corrective Action:**

RCRA CORRACTS

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

**Government Publication Date: Apr 12, 2018**

**RCRA non-CORRACTS TSD Facilities:**

RCRA TSD

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

**Government Publication Date: Apr 12, 2018**

**RCRA Generator List:**

RCRA LQG

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

**Government Publication Date: Apr 12, 2018**

**RCRA Small Quantity Generators List:**

RCRA SQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

**Government Publication Date: Apr 12, 2018**

**RCRA Conditionally Exempt Small Quantity Generators List:**

RCRA CESQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Conditionally Exempt Small Quantity Generators (CESQG) generate 100 kilograms or less per month of hazardous waste or one kilogram or less per month of acutely hazardous waste.

**Government Publication Date: Apr 12, 2018**

**RCRA Non-Generators:**

RCRA NON GEN

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

**Government Publication Date: Apr 12, 2018**

**Federal Engineering Controls-ECs:**

FED ENG

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Jan 20, 2016**

**Federal Institutional Controls- ICs:**

FED INST

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

**Government Publication Date: Jan 20, 2016**

**Emergency Response Notification System:**

ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

**Government Publication Date: 1982-1986**

**Emergency Response Notification System:**

ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

**Government Publication Date: 1987-1989**

**Emergency Response Notification System:**

ERNS

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Feb 8, 2017**

**The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:**

FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Feb 20, 2018**

**FEMA Underground Storage Tank Listing:**

FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

**Government Publication Date: Dec 31, 2017**



**LIEN on Property:**

SEMS LIEN

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

Government Publication Date: Jun 8, 2018

**Superfund Decision Documents:**

SUPERFUND ROD

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Jun 8, 2018

**State****State Response Action Program Database:**

SSU

The State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit. The State Response Action Program database made available by Illinois Environmental Protection Agency. This database is state equivalent CERCLIS.

Government Publication Date: Dec 29, 2017

**Delisted State Response Action Program:**

DELISTED SSU

List of sites removed from the State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit.

Government Publication Date: Dec 29, 2017

**Solid Waste Landfills Subject to State Surcharge Database:**

SWF/LF

The Bureau of Land maintains a list of solid waste facilities and landfills throughout the state. This list made available by Illinois Environmental Protection Agency's Bureau of land.

Government Publication Date: Mar 2, 2018

**Special Waste Site List:**

SWF/LF SPECIAL

The following landfills are those that as of January 1, 1990, accept non-hazardous special waste pursuant to the Illinois Environmental Protection Agency Non-Hazardous Special Waste Definition. List A includes landfills that may receive any non-hazardous waste. Non-Regional Pollutant Control Facilities are so noted. List B includes landfills designed to receive specific non-hazardous wastes. List B landfills are designated as a Regional Pollutant Control Facility by RPCF, or Non-regional Pollutant Control Facility by Non-RPCF.

Government Publication Date: Jan 1, 1990

**Northeastern Illinois Planning Commission Historical Inventory of Solid Waste Disposal Sites in**

NIPC

**Northeastern Illinois:**

Historical inventory of solid waste disposal sites in northeastern Illinois prepared by the Northeastern Illinois Planning Commission (NIPC).

Government Publication Date: Dec 1987

**Clean Construction or Demolition Debris:**

CCDD

This is a list of CCDD Fill Operations with Approved Permits. Beginning July 1, 2008, no person can use CCDD as fill material in a current or former quarry, mine, or other excavation unless they have obtained a permit from the Illinois EPA.

Government Publication Date: Dec 9, 2017

**Leaking Underground Storage Tanks (LUST):**

LUST

The Leaking Underground Storage Tank Incident Tracking (LIT) database identifies the status of all Illinois LUST incidents reported to the Illinois Emergency Management Agency (IEMA) and to the Illinois Environmental Protection Agency.

Government Publication Date: Jul 18, 2018

**Delisted Leaking Underground Storage Tank Sites:**

DELISTED LUST

List of sites removed from the Leaking Underground Storage Tank Incident Tracking (LIT) database made available by the Illinois Environmental Protection Agency.

Government Publication Date: Jul 18, 2018

**Underground Storage Tank Fund Payment Priority List:**

LUST TRUST

In case sufficient funds are not available in the Underground Storage Tank Fund, requests for payment are entered on the Payment Priority List by "queue date" order. As required by the Environmental Protection Act, the queue date is the date that a complete request for partial or final payment was received by the Agency. The queue date is "officially" confirmed at the end of the payment review process when a Final Decision Letter is sent to the site owner. The Underground Storage Tank Fund Priority list made available by Illinois Environmental Protection Agency.

**Government Publication Date: Nov 01, 2016**

**Underground Storage Tank Database (UST):**

UST

This database maintained by Division of Petroleum & Chemical Safety, contains information derived from tank registration information supplied to the Office of the Illinois State Fire Marshal (OSFM) from outside sources.

**Government Publication Date: Jul 17, 2018**

**Aboveground Storage Tanks (AST):**

AST

A list of aboveground storage tanks inspected by the Office of State Fire Marshal (OSFM).

**Government Publication Date: Jul 2, 2018**

**Delisted Storage Tanks:**

DELISTED TANK

This database contains a list of closed storage tank sites that were removed from the Illinois Department of Environmental Quality.

**Government Publication Date: Jul 17, 2018**

**Sites with Engineering Controls:**

ENG

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remediation Program (SRP) database with engineering controls in place.

**Government Publication Date: Jul 4, 2018**

**Institutional Controls:**

INST

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remediation Program (SRP) database with institutional controls in place.

**Government Publication Date: Jul 4, 2018**

**Illinois Site Remediation Program Database:**

SRP

The Site Remediation Program (SRP) database identifies the status of all voluntary remediation projects administered through the Pre-Notice Site Cleanup Program (1989 to 1995) and the Site Remediation Program (1996 to the present). This Site Remediation program database made available by Illinois Environmental Protection Agency.

**Government Publication Date: Jul 4, 2018**

**Brownfields Redevelopment Assessment Database:**

BROWNFIELDS

The Office of Site Evaluations Redevelopment Assessment database identifies the status of properties within the State in which the Illinois EPA's Office of Site Evaluation has conducted a Municipal Brownfields Redevelopment Grant (MBRG) project.

**Government Publication Date: Aug 20, 2018**

**Municipal Brownfields Redevelopment Grant Program (MBRGP) project sites administered through OBA:**

BROWN MBRGP

The Office of Brownfields Assistance (OBA) database identifies the status of all Municipal Brownfields Redevelopment Grant Program (MBRGP) project sites administered through OBA. Office of Brownfields Assistance Database search made available by Illinois Environmental Protection Agency's Bureau of Land Data-Center.

**Government Publication Date: Mar 31, 2013**

**Tribal**

**Leaking Underground Storage Tanks on Indian Lands:**

INDIAN LUST

List of Leaking Underground Storage Tanks (LUSTs) on Tribal/Indian Lands in EPA Region 5, which includes Michigan, Minnesota and Wisconsin. There no LUST records in Illinois at this time.

**Government Publication Date: Oct 16, 2017**

**Underground Storage Tanks (USTs) on Indian Lands:**

INDIAN UST

Underground Storage Tanks (USTs) on Tribal/Indian Lands in EPA Region 5. There are no UST records in Illinois at this time.

**Government Publication Date: Oct 16, 2017**

**Delisted Tribal Leaking Storage Tanks:**

DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Oct 14, 2017

**Delisted Tribal Underground Storage Tanks:**

DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Oct 14, 2017

**County****Chicago Storage Tanks:**

TANKS CHICAGO

This dataset contains Aboveground Storage Tank (AST) and Underground Storage Tank (UST) information from the City of Chicago Department of Public Health's (CDPH) Tank Asset Database. The Tank Asset Database contains tank information from CDPH AST and UST permit applications as well as UST records imported from the historic City of Chicago Department of Environment (DOE) database. This dataset also includes AST records from the historic DOE and pre-1992 UST records from the Building Department.

Government Publication Date: Jan 22, 2018

**Chicago Environmental Permits:**

PERMITS CHICAGO

Permits issued by the City of Chicago Department of Environment (DOE) from January 1993 to December 31, 2011 and by the City of Chicago Department of Public Health (CDPH) since January 1, 2012. On January 1, 2012, the DOE was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH.

Government Publication Date: Jul 17, 2018

**Additional Environmental Record Sources****Federal****National Clandestine Drug Labs:**

NCDL

The U.S. Department of Justice ("the Department") provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Jul 18, 2018

**Toxic Substances Control Act:**

TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Jun 30, 2017

**Hist TSCA:**

HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

**State Coalition for Remediation of Drycleaners Listing:**

SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

*Government Publication Date: Nov 08, 2017*

**Drycleaner Facilities:**

FED DRYCLEANERS

A list of drycleaner facilities from the Integrated Compliance Information System (ICIS). The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

*Government Publication Date: Sep 14, 2016*

**Delisted Drycleaner Facilities:**

DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

*Government Publication Date: Sep 14, 2016*

**Formerly Used Defense Sites:**

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

*Government Publication Date: Nov 22, 2016*

**Material Licensing Tracking System (MLTS):**

MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

*Government Publication Date: Jun 30, 2017*

**Historic Material Licensing Tracking System (MLTS) sites:**

HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

*Government Publication Date: Jan 31, 2010*

**Mines Master Index File:**

MINES

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

*Government Publication Date: Jan 30, 2018*

**Registered Pesticide Establishments:**

SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

*Government Publication Date: Mar 1, 2018*

**Polychlorinated Biphenyl (PCB) Notifiers:**

PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

*Government Publication Date: Nov 30, 2017*

**State**

**Spills and Incidences:**

SPILLS

A list of reports taken by Illinois Emergency Management Agency (IEMA) of Hazardous Material spills in Illinois.

*Government Publication Date: May 17, 2018*



**Emergency Response Releases & Spills Database:**

SPILLS2

The Office of Emergency Response (OER) maintains the Emergency Response Releases & Spills Database. The Emergency Operations Unit, within OER, coordinates Illinois EPA's response to environmental emergencies involving oil or hazardous materials and ensures that any environmental contamination is cleaned up. EOU works with other response agencies including the Illinois Emergency Management Agency (IEMA), which is the initial contact for responses to an emergency or disaster in Illinois.

*Government Publication Date: Apr 20, 2018*

**Drycleaner Facilities:**

DRYCLEANERS

A list of licensed drycleaners facilities provided by Drycleaner Environmental Response Trust Fund of Illinois.

*Government Publication Date: Jun 4, 2018*

**Delisted Drycleaners:**

DELISTED DRYC

List of sites removed from the drycleaners database made available by the Drycleaner Environmental Response Trust Fund of Illinois.

*Government Publication Date: Jun 4, 2018*

**Clandestine Drug Labs:**

CDL

List of clandestine drug lab locations made available by the Illinois Department of Public Health. The Department maintains a list of properties from reports it receives from the Illinois State Police through the Illinois Emergency Management Agency.

*Government Publication Date: Jun 6, 2018*

**Tribal**

*No Tribal additional environmental record sources available for this State.*

**County**

*No County additional environmental record sources available for this State.*

## Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

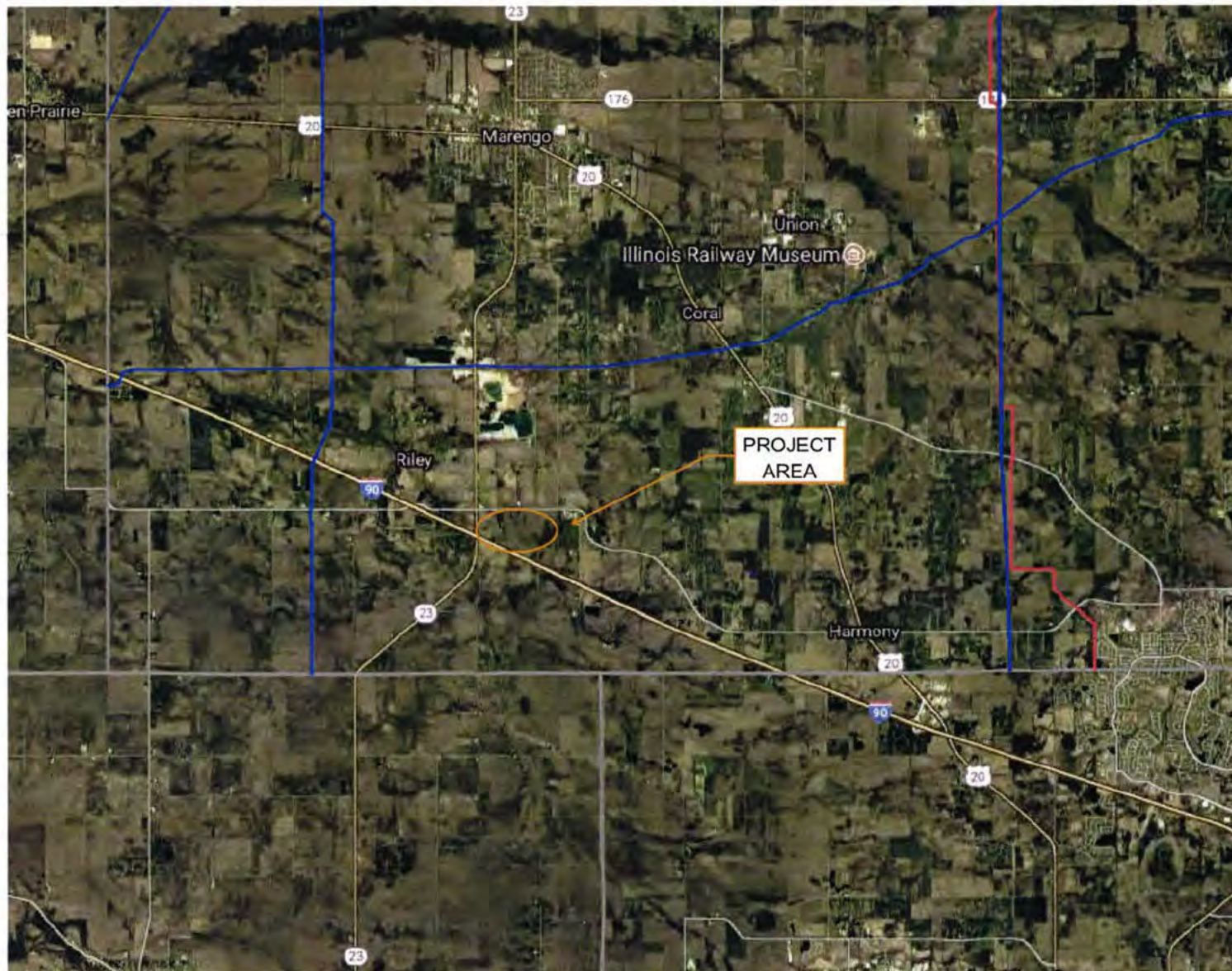
'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

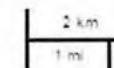
The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



## Legend

- Gas Transmission Pipelines
- Hazardous Liquid Pipelines
- County Boundaries



Pipelines depicted on this map represent gas transmission and hazardous liquid lines only. Gas gathering and gas distribution systems are not represented.

**This map should never be used as a substitute for contacting a one-call center prior to excavation activities. Please call 811 before any digging occurs.**

Questions regarding this map or its contents can be directed to [npms@dot.gov](mailto:npms@dot.gov).

Projection: Geographic

Datum: NAD83

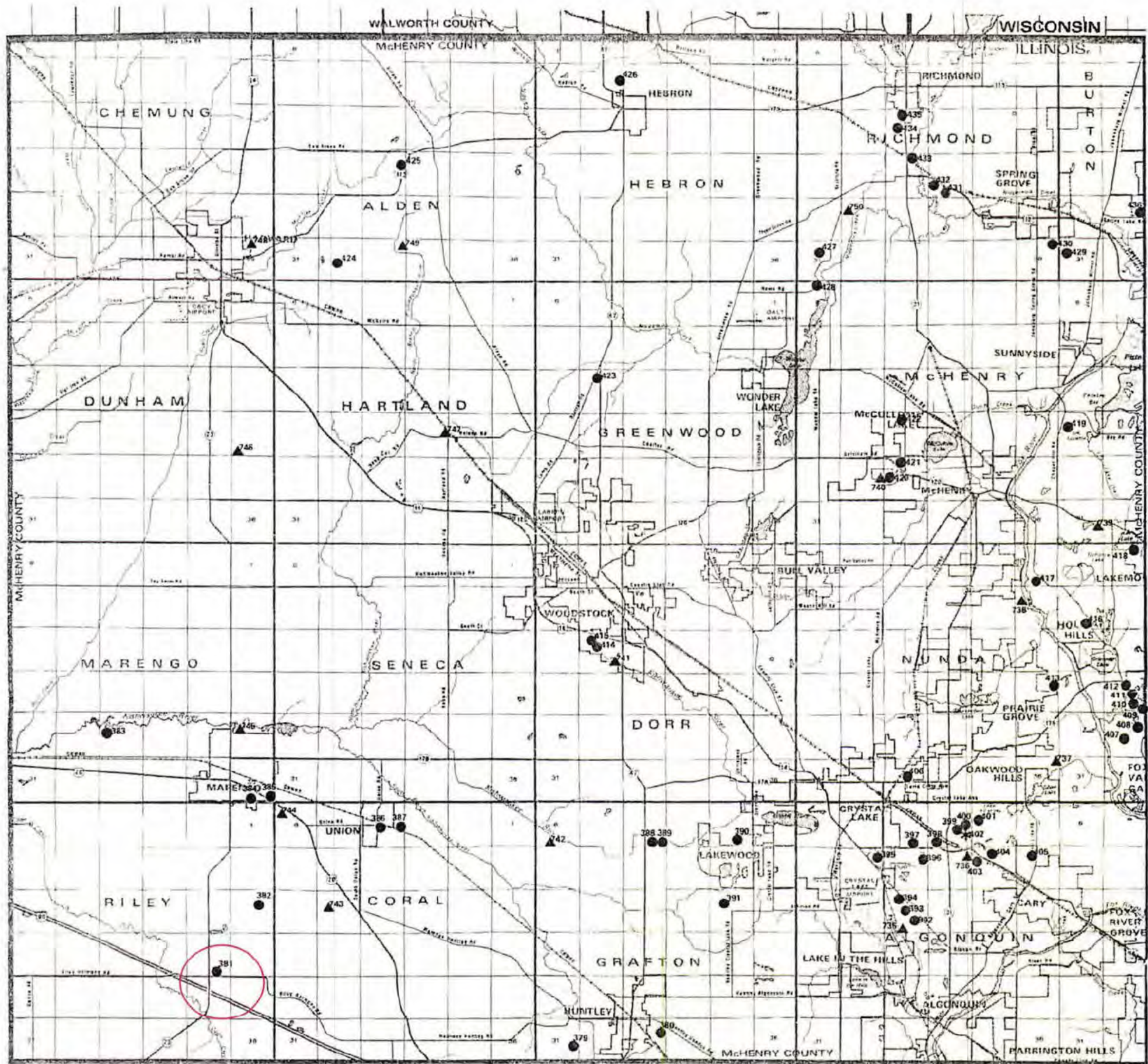
Map produced by the Public Viewer application at [www.npms.phmsa.dot.gov](http://www.npms.phmsa.dot.gov)

Date Printed: Oct 04, 2018

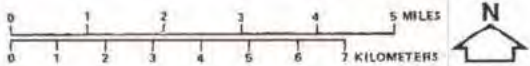




HISTORICAL INVENTORY OF SOLID WASTE DISPOSAL SITES IN NORTHEASTERN ILLINOIS  
MCHENRY COUNTY



- \* active sites
- sites previously recorded and mapped by the Illinois State Geologic Survey (ISGS)
- sites previously recorded but not mapped by the ISGS
- ▲ sites not previously recorded by the ISGS



The preparation of this inventory was financed by a grant from the Joyce Foundation

The preparation of the McHenry County inventory was greatly aided by the earlier disposal site mapping efforts of the McHenry County Health Department

Prepared by the Northeastern Illinois Planning Commission  
DECEMBER 1987



# HISTORICAL INVENTORY OF SOLID WASTE DISPOSAL SITES IN NORTHEASTERN ILLINOIS

## MCHENRY COUNTY

IEPA NO.	SITE NAME	PROV. NO.	CITY:TWP	TWP	RNGE	SECT	1ST	2ND	MAP#
1110100001	CARY PARK DISTRICT	~	CARY	43N	08E	12	NW*	~	405
1110150001	KRENZ TRUCKING	~	ALGONQUIN TWP*	43N	08E	16	SE*	~	392
1110150002	ACKMAN, MELVIN	~	GRAFTON TWP*	43N	07E	02	SE*	SW*	390
1110150003	KNAACK MANUFACTURING COMPANY	~	CRYSTAL LAKE	44N	08E	33	NW*	SE*	406
1110250001	BLAZIER DISPOSAL INC	~	ALDEN TWP*	46N	06E	32	SW*	NE*	424
1110300001	HEBRON MUNICIPAL	~	HEBRON TWP	46N	07E	08	NE*	~	426
1110350001	BAKLEY, KENNETH	~	GRAFTON TWP*	43N	07E	04	SE*	SW*	388
1110350002	ARTHUR KAHL	~	GRAFTON TWP*	43N	07E	33	NE*	~	380
1110350003	ZIMMERMAN, NORMAN	~	GRAFTON TWP*	43N	07E	04	SE*	SE*	389
1110450001	WILLIAM FRITZSCHE	~	LAKEMOOR	44N	09E	05	NE*	NW*	418
1110600001	ROBERTS, DONALD	~	MUNDA TWP*	44N	09E	07	SE*	SW*	416
1110600002	AMERICAN LEGION	~	MCHENRY	45N	08E	21	NW*	NE*	422
1110650001	MARENGO MUNICIPAL	~	MARENGO	44N	05E	36	SW*	SE*	384
1110650002	MARENGO DISPOSAL	~	MARENGO TWP*	44N	05E	28	NW*	SW*	383
1110750001	A N MAY Builders	~	RICHMOND TWP*	46N	08E	16	NW*	SE*	434
1110750002	DANTE ORSOLINI	~	RICHMOND TWP*	46N	08E	21	NE*	NW*	433
1110750003	REPCO ENTERPRISES	~	RICHMOND	46N	08E	16	NW*	NE*	435
1110900001	NORTHWEST RAILROAD	~	UNION	43N	06E	04	SE	NW	386
1110900002	SOUTHERN CALIFORNIA CHEM. CO	~	UNION	43N	06E	04	SE*	NE*	387
1110950001	WOODSTOCK MUNICIPAL	~	WOODSTOCK	44N	07E	17	NW*	~	414
1110950002	EO OLEARY	~	WOODSTOCK	44N	07E	17	NW*	~	415
1114540001	MONTFORTE, ADOLPH	~	ISLAND LAKE	44N	09E	20	SE*	SE*	409
1114540002	ISLAND LAKE MUNICIPAL	~	ISLAND LAKE	44N	09E	20	SE*	NW*	411
1114540003	RECKWERDT, ROY	~	MUNDA TWP*	44N	09E	29	~	~	407
1114540004	ST. JOHN'S LUTHERAN CHURCH	~	ISLAND LAKE	44N	09E	20	SE*	~	410
1118010001	MEYER AGGREGATE COMPANY	~	ALGONQUIN TWP*	43N	08E	03	SW*	~	398
1118010002	VEUGLER, JOHN	~	ALGONQUIN TWP*	43N	08E	03	SE*	~	402
1118010003	MELAHN CONSTRUCTION COMPANY	~	ALGONQUIN TWP*	43N	08E	03	SE*	~	399
1118010005	SPANCRETE OF ILLINOIS	~	ALGONQUIN TWP*	43N	08E	02	NW*	SW	401
1118010006	ZIEBART	~	ALGONQUIN TWP*	43N	08E	11	NW*	~	403
1118010007	VULCAN MATERIALS COMPANY	~	CRYSTAL LAKE*	43N	08E	09	NE*	~	396
1118010008	TRUMBULL EXCAVATING	~	ALGONQUIN TWP*	43N	08E	03	SE*	~	400
1118020001	DIEDRICH, LEO	~	MCHENRY TWP*	45N	09E	19	NW*	~	419
1118020002	MOUNT PROSPECT BANK-TRUST #2	~	FOX LAKE*	46N	09E	29	NE*	SE*	436
1118020003	SUNSET ROAD	~	BURTON TWP*	46N	09E	31	NW*	SW*	429
1118070001	A T MCINTOSH COMPANY	~	GRAFTON TWP*	43N	07E	14	NW*	~	391
1118080001	MARSH, EDWARD	~	GREENWOOD TWP*	45N	07E	17	NW*	NE*	423
1118130001	ALFONSE OBERHUBER	~	MCHENRY TWP*	44N	08E	01	SW*	SE*	417
1118130002	ILL. MINING PIT	~	MUNDA TWP	44N	08E	24	NE*	SE*	413
1118140001	VALENTINE, CLARENCE R.	~	RICHMOND TWP*	46N	08E	31	~	~	427
1118140002	GEORGE HARDYMAN	~	RICHMOND TWP*	46N	08E	36	NE*	NE*	430
1118140003	HELLO ORSOLINI	~	RICHMOND TWP*	46N	08E	22	SW*	NW*	432
1119999999	BOHL DUMP SITE	111015000A	CRYSTAL LAKE	43N	08E	04	SE*	SW*	397
1119999999	JAMES ATHANS	111015000B	CRYSTAL LAKE	43N	08E	08	NE*	~	395
1119999999	CRYSTAL LAKE LANDFILL	111015000C	ALGONQUIN TWP*	43N	08E	16	NW*	~	394
1119999999	OBENAU DUMP SITE	111015000D	ALGONQUIN TWP*	43N	08E	16	NW*	~	393
1119999999	ALGONQUIN TWP SUPERVISOR	111015000E	ALGONQUIN TWP*	43N	08E	11	NW*	NE*	404
1119999999	MC CREDIE DUMP	111035000A	GRAFTON TWP*	43N	07E	31	SE*	NE*	379
1119999999	LANCER DRUM SITE	111060000A	MCHENRY TWP*	45N	08E	28	NW*	SW*	420
1119999999	MILLER DUMP	111060000B	MCHENRY TWP*	45N	08E	28	NW*	~	421
1119999999	LISSEN DUMP	111065000A	RILEY TWP*	43N	05E	23*	SE*	SW*	381
1119999999	DEEP ROCK GAS STATION	111065000B	MARENGO	44N	05E	36	SE*	~	385
1119999999	PEASE SITE	111075000A	RICHMOND TWP*	46N	08E	22	SW*	SE*	431



## ATTACHMENT E



# HISTORICAL AERIAL REPORT

*for the site:*

**81.0220534.02 I-90 and Rt-23**

State Highway 23

Marengo, IL

PO #:

Report ID: 20180827219

Completed: 8/29/2018

**ERIS Information Inc.**

Environmental Risk Information  
Services (ERIS)

A division of Glacier Media Inc.

T: 1.866.517.5204

E: [info@erisinfo.com](mailto:info@erisinfo.com)

[www.erisinfo.com](http://www.erisinfo.com)

## Search Results Summary

Date	Source	Scale	Comment
2017	NAIP - National Agriculture Information Program	1"=700'	
2015	NAIP - National Agriculture Information Program	1"=700'	
2014	NAIP - National Agriculture Information Program	1"=700'	
2012	NAIP - National Agriculture Information Program	1"=700'	
2011	NAIP - National Agriculture Information Program	1"=700'	
2010	NAIP - National Agriculture Information Program	1"=700'	
2009	NAIP - National Agriculture Information Program	1"=700'	
2007	NAIP - National Agriculture Information Program	1"=700'	
2005	NAIP - National Agriculture Information Program	1"=700'	
1998	USGS - US Geological Survey	1"=700'	
1994	USGS - US Geological Survey	1"=700'	
1988	USGS - US Geological Survey	1"=700'	
1975	USGS - US Geological Survey	1"=700'	
1958	AMS - Army Mapping Service	1"=700'	
1953	USGS - US Geological Survey	1"=700'	
1939	ASCS - Agriculture and Soil Conservation Service	1"=700'	



one inch



Date: 2017  
Source: NAIP  
Scale: 1" to 700'  
Comments:

Subject: State Highway 23 Morengo IL  
Approx Center: 42.17749 / -88.61639



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ENVIRONMENTAL RISK INFORMATION SERVICES



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one inch



Date: 2015  
Source: NAIP  
Scale: 1" to 700'  
Comments:

Subject: State Highway 23 Marengo IL  
Approx Center: 42.17749 / -88.61639



**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



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one inch



Date: 2014  
Source: NAIP  
Scale: 1" to 700'  
Comments:

Subject: State Highway 23 Marengo IL  
Approx Center: 42.17749 / -88.61639



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one inch



Date: 2012  
Source: NAIP  
Scale: 1" to 700'  
Comments:

Subject: State Highway 23 Marengo IL  
Approx Center: 42.17749 / -88.61639



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one inch



Date: 2011  
Source: NAIP  
Scale: 1" to 700'  
Comments:

Subject: State Highway 23 Marengo IL  
Approx Center: 42.17749 / -88.61639



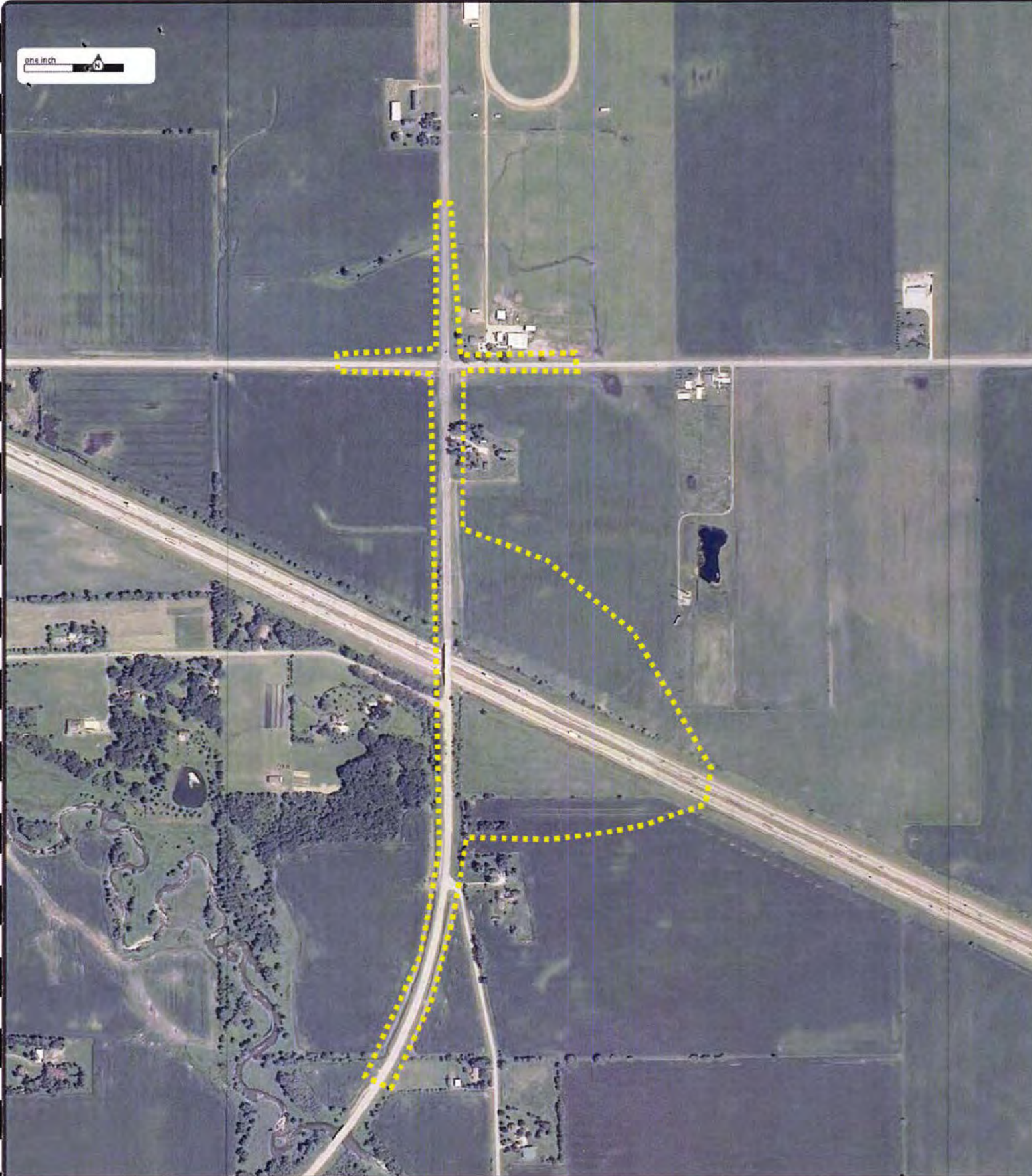
**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



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one inch



Date: 2010  
Source: NAIP  
Scale: 1" to 700'  
Comments:

Subject: State Highway 23 Marengo IL  
Approx Center: 42.17749 / -88.61639



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one inch



Date: 2009  
Source: NAIP  
Scale: 1" to 700'  
Comments:

Subject: State Highway 23 Marengo IL  
Approx Center: 42.17749 / -88.61639



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one inch



Date: 2007  
Source: NAIP  
Scale: 1" to 700'  
Comments:

Subject: State Highway 23 Marengo IL  
Approx Center: 42.17749 / -88.61639



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one inch



Date: 2005  
Source: NAIP  
Scale: 1" to 700'  
Comments:

Subject: State Highway 23 Marengo IL  
Approx Center: 42.17749 / -88.61639

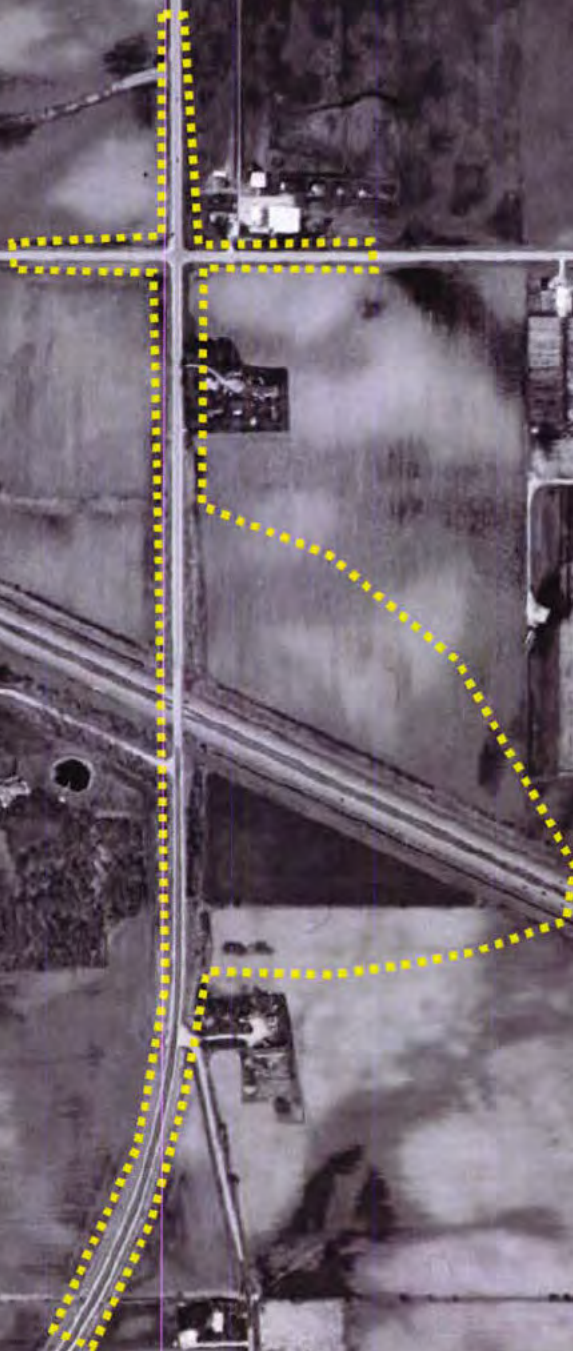


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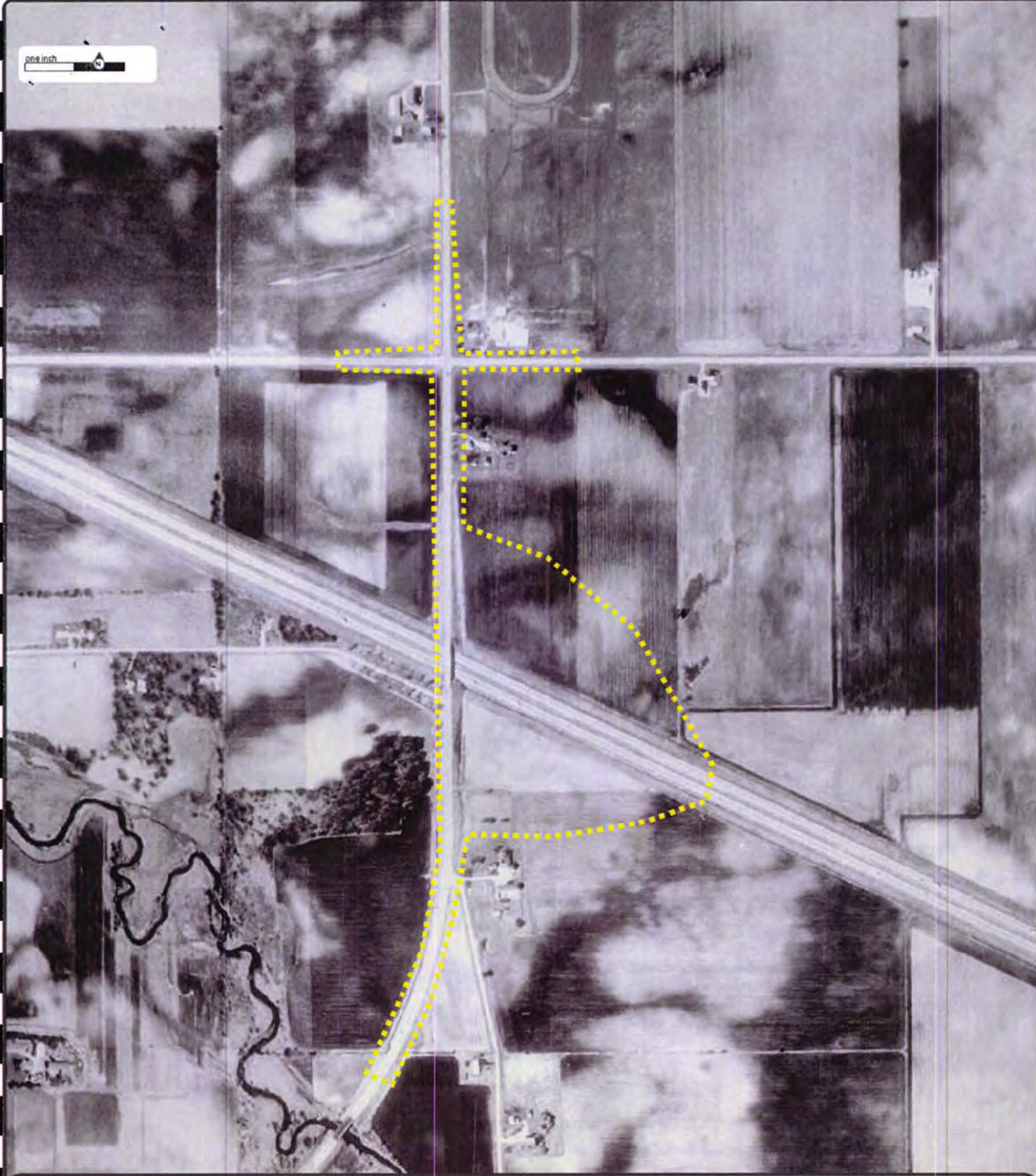
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one inch



Date: 1988  
Source: USGS  
Scale: 1" to 700'  
Comments:

Subject: State Highway 23 Marengo IL  
Approx Center: 42.17749 / -88.61639



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one inch



Date: 1958  
Source: AMS  
Scale: 1" to 700'  
Comments:

Subject: State Highway 23 Marengo IL  
Approx Center: 42.17749 / -88.61639



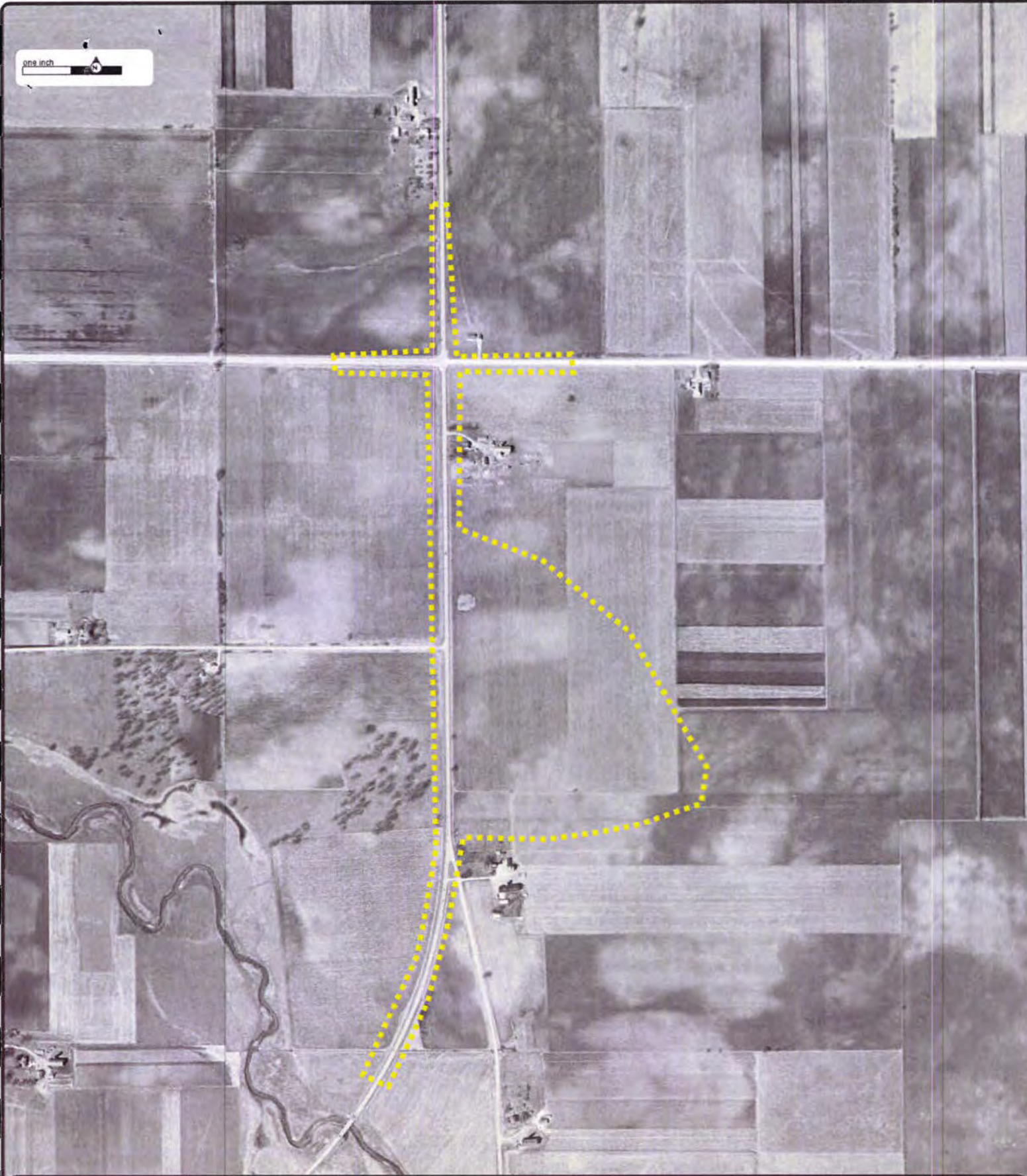
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one inch



Date: 1953  
Source: USGS  
Scale: 1" to 700'  
Comments:



Subject: State Highway 23 Marengo IL  
Approx Center: 42.17749 / -88.61639

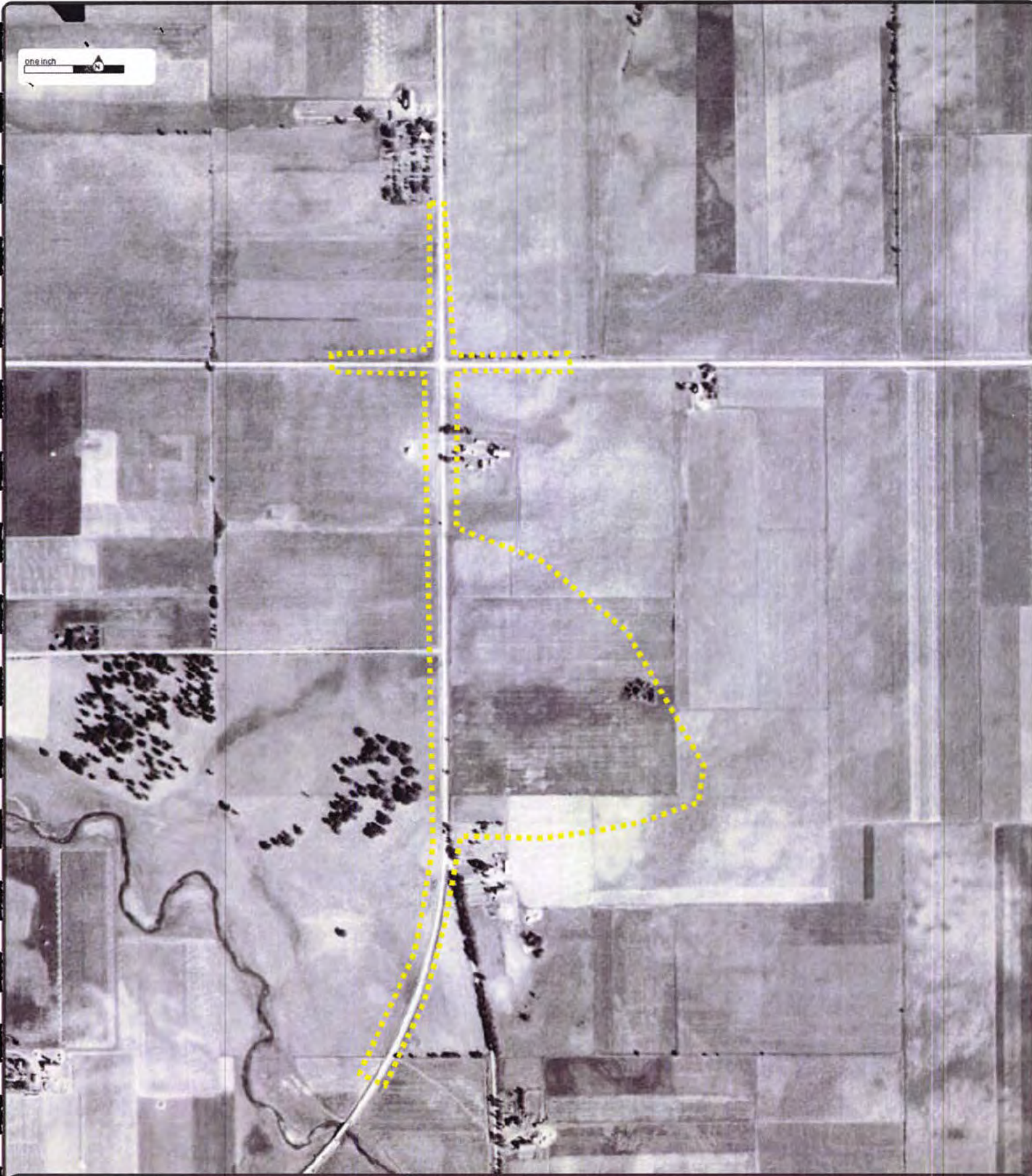
**ERIS**  
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one inch



Date: 1939  
Source: ASCS  
Scale: 1" to 700'  
Comments:

Subject: State Highway 23 Marengo IL  
Approx Center: 42.17749 / -88.61639



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## TOPOGRAPHIC MAP RESEARCH RESULTS

Date: 2018-08-27

Order Number: 20180827219

Site Name: 81.0220534.02 I-90 and Rt-23

Address: State Highway 23, Marengo, IL

We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
2015	7.5
1975	7.5
1968	7.5
1938	15

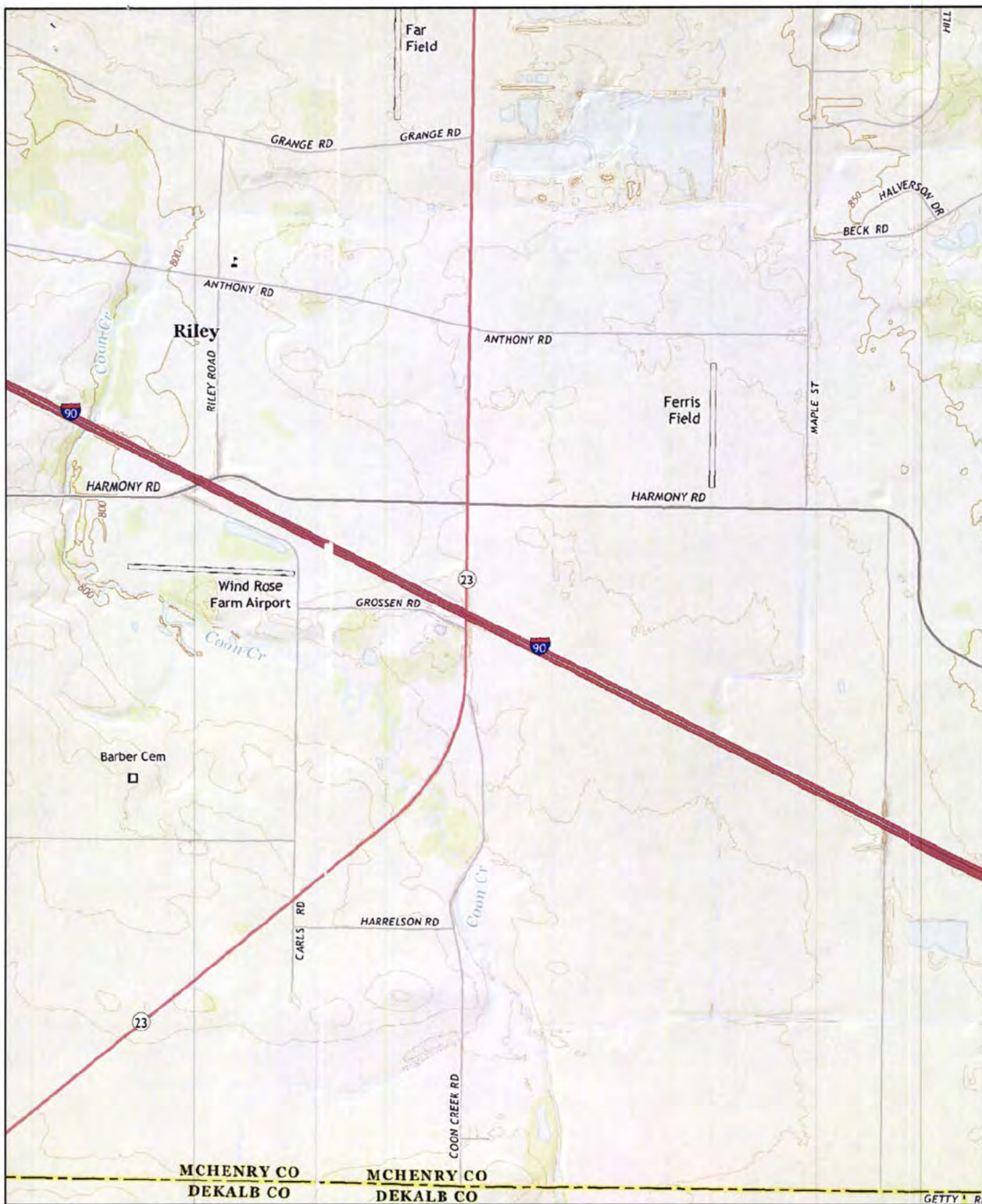
*Topographic Maps included in this report are produced by the USGS and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property.*

**No warranty of Accuracy or Liability for ERIS:** The information contained in this report has been produced by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS', using Topographic Maps produced by the USGS. This maps contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

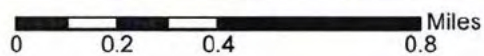
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Address: 38 Lesmill Road Unit 2, Toronto, ON M3B 2T5  
Phone: 1-866-517-5204 Fax: 416-447-7658  
[info@erisinfo.com](mailto:info@erisinfo.com) [www.erisinfo.com](http://www.erisinfo.com)





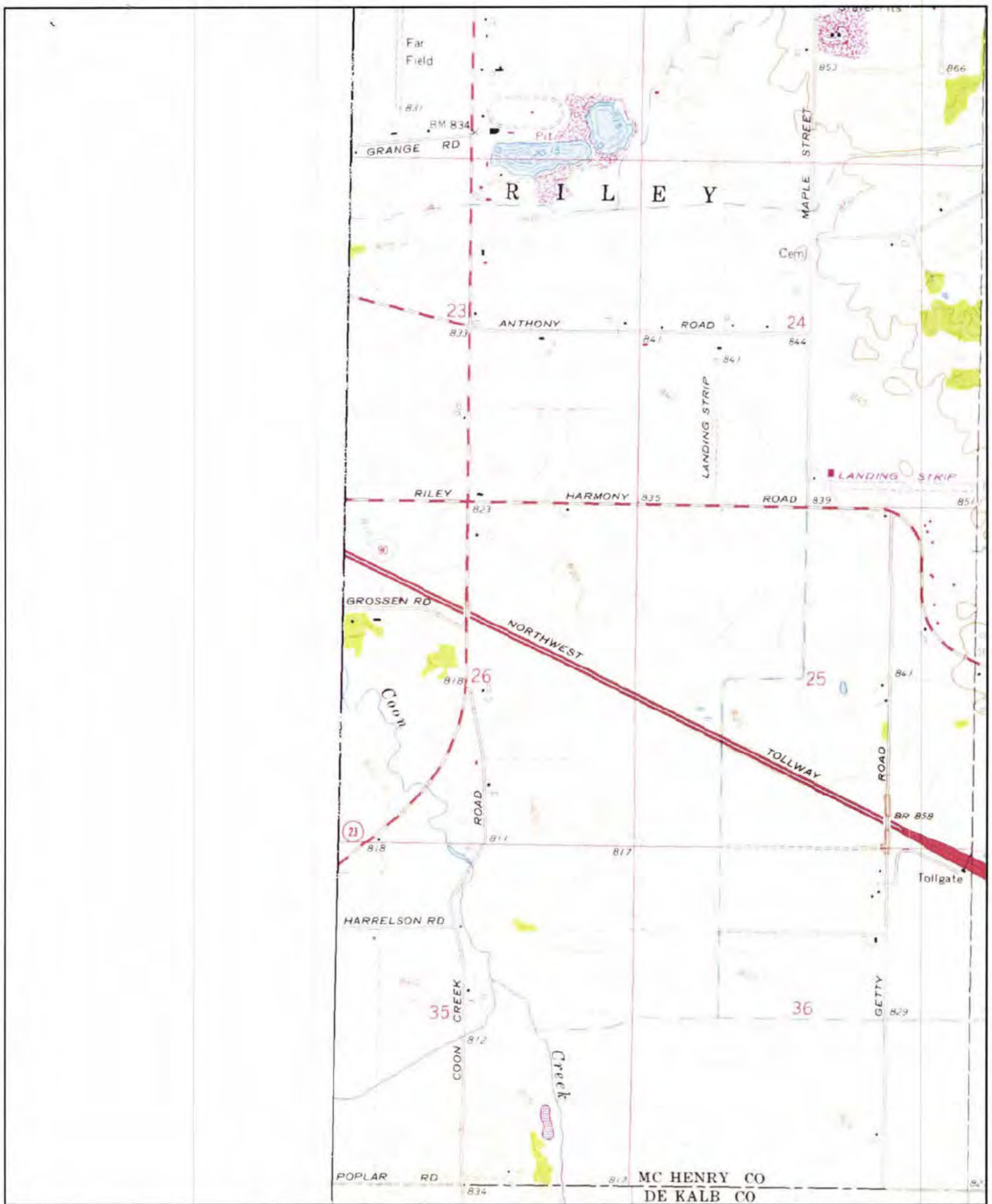
2015



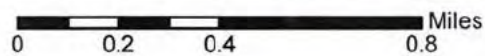
Order No. 20180827219

Quadrangle(s): Marengo South, IL

Source: USGS 7.5 Minute Topographic Map



1975



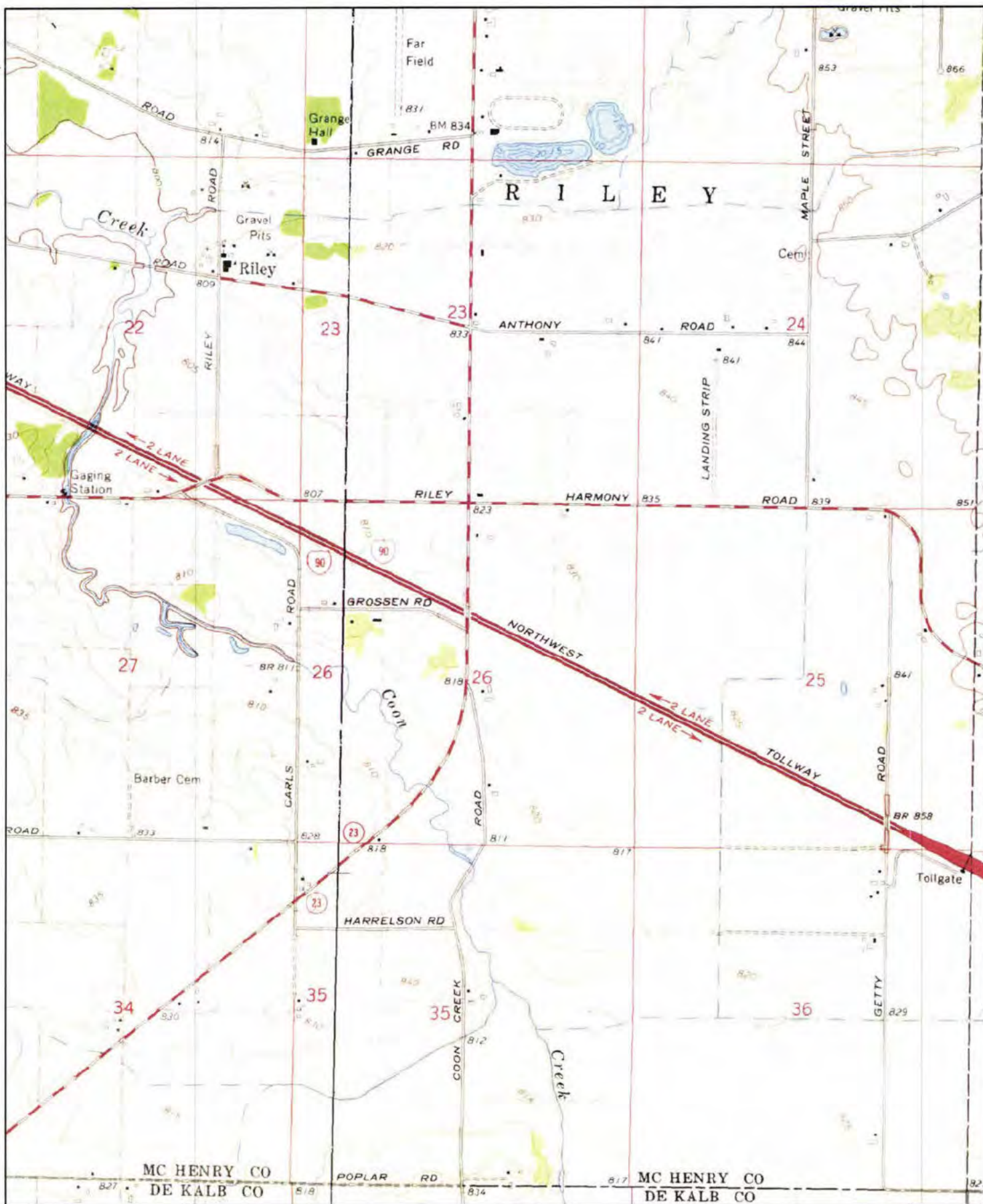
Order No. 20180827219

Quadrangle(s): Marengo South, IL

Source: USGS 7.5 Minute Topographic Map







1968

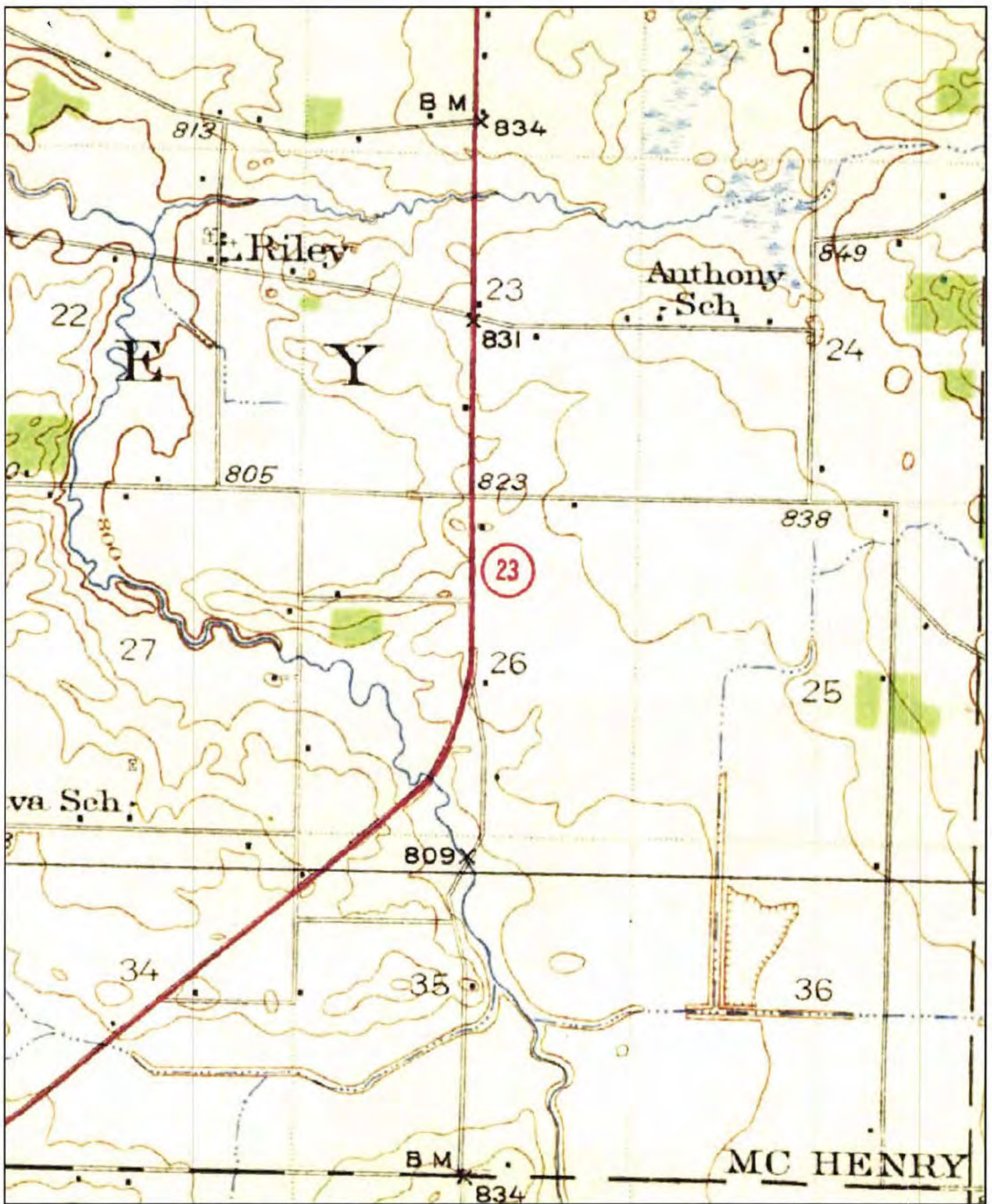
0 0.2 0.4 0.8 Miles

Order No. 20180827219

Quadrangle(s): Marengo South, IL

Source: USGS 7.5 Minute Topographic Map





1938

Quadrangle(s): Genoa, IL

Source: USGS 15 Minute Topographic Map

Order No. 20180827219





## ATTACHMENT F





**Photograph 1:**

Site entrance from the NW portion of the Project Area, off of Route 23; view looking S



**Photograph 2:**

Set-up of track-mounted direct-push Geoprobe drill rig;  
view looking NE at location of SB-3



**Photograph 3:**

View of stockpile within areas of SB-1 and SB-2 and with drill rig advancing SB-1; view looking E from approximate location of SB-4



**Photograph 4:**

View of southern portion of Project Area with SB-7 depicted in the background; view looking S from approximate location of SB-4



**Illinois State Toll Highway Authority (ISTHA)**  
**I-90 at Route 23 Ramp Improvements (I-18-4392)**  
**Photo Log – 9/18/2018**

***Marengo/Riley Township, McHenry County, Illinois***





**Photograph 5:**

View of work space set-up and soil boring cores (5-foot intervals) representing typical material type and depth delineation within Project Area



**Photograph 6:**

View of additional soil boring cores (5-foot intervals) with peat material depicted in dark black



**Photograph 7:**

Additional view of soil boring cores from *Photograph 6*



**Photograph 8:**

View of additional soil boring cores (5-foot intervals)  
representing typical material type and depth delineation  
within Project Area



**Illinois State Toll Highway Authority (ISTHA)**  
**I-90 at Route 23 Ramp Improvements (I-18-4392)**  
**Photo Log – 9/18/2018**

**Marengo/Riley Township, McHenry County, Illinois**



## ATTACHMENT G



Huff & Huff, Inc.  
915 Harger Road, Suite 330  
Oak Brook, IL 60523  
(630)-984-9100

# BORING NUMBER SB-1

PAGE 1 OF 1

CLIENT Illinois State Toll Highway Authority

PROJECT NAME I-90 at Route 23 Ramp Improvements

PROJECT NUMBER 81.0220534.02

PROJECT LOCATION Riley Township, McHenry County, IL

DATE STARTED 9/18/18 COMPLETED 9/18/18

GROUND ELEVATION 826 +/- 2 HOLE SIZE 2 inches

DRILLING CONTRACTOR Environmental Soil Probing Corporation

DRILLING METHOD Direct Push

GROUND WATER  
LEVELS (ft, bgs):

DATE	TIME	DEPTH	CASING	STAB
9/18/2018	DD	21	25	N/A

LOGGED BY CAW CHECKED BY JJR

DRILL RIG 7822DT Track Geoprobe

ENVIRONMENTAL BH COLUMN W/ REMARKS - GINT STD US LAB GDT - 10/5/18 15:51 - J:\81.0220534.02 ISTHA 4257-02 OASIS LUST CLOSURE I90 AND RT23 BORING LOGS\81.0220534.02.02 BORING LOGS.GPJ

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	REMARKS	SAMPLE TYPE NUMBER (Depth Interval)	PID RESULTS (PPM)	RECOVERY (feet)	POCKET PEN. (tsf)
0							
		S-1: Stiff, lean CLAY (CL), low plasticity; little Silt, fine; trace Gravel, fine to coarse; dark brown and black, moist		S-1 (0-1)	1.2	1	
		S-2: Stiff, lean CLAY (CL), low plasticity; little Silt, fine; trace Gravel, fine to coarse; dark brown and black, moist		S-2 (1-3)	1.1	2	
		: No recovery					
5				(3-5)			
		S-3: Stiff, lean CLAY (CL), low plasticity; little Silt, fine; trace Gravel, fine to coarse; dark brown and black, moist		S-3 (5-7)	0.9	2	
		S-4: Stiff, lean CLAY (CL), low plasticity; with Silt, fine; trace Gravel, fine to coarse; dark brown and black, moist	1	S-4 (7-9)	1.0	1	
10		S-5: Stiff, lean CLAY (CL), low plasticity; with Silt, fine; trace Gravel, fine to coarse; dark brown and black, moist		S-5 (9-11)	0.8	1	
		S-6: Stiff, lean CLAY (CL), low plasticity; with Silt, fine; trace Gravel, fine to coarse; dark brown and black, moist		S-6 (11-13)	0.6	2	
		S-7: Loose, well-graded SAND (SW), fine to coarse; with Gravel, fine; brown, moist		S-7 (13-15)	0.7	1	
15		S-8: Loose, well-graded SAND (SW), fine to coarse; with Gravel, fine; with silty Clay, low plasticity; brown, moist	2	S-8 (15-17)	0.3	2	
		S-9: Loose, SILT (ML), fine; with Peat; some Clay, low plasticity; black, moist		S-9 (17-19)	0.2	1	
20		S-10: Loose, SILT (ML), fine; with Peat; some Clay, low plasticity; black, wet		S-10 (19-21)	0.0	1	
		S-11: Loose, well-graded SAND (SW), fine to coarse; with Silt, fine; some Clay, low plasticity; little Gravel, fine; dark brown and grey, moist; wet	3	S-11 (21-23)	0.0	2	
		: No recovery					
25				(23-25)			
		: End of boring at 25' BGS.					

- REMARKS
1. Sample submitted for analysis
  2. Sample submitted for analysis
  3. Sample submitted for analysis





Huff & Huff, Inc.  
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# BORING NUMBER SB- 2

PAGE 1 OF 1

CLIENT Illinois State Toll Highway Authority

PROJECT NAME I-90 at Route 23 Ramp Improvements

PROJECT NUMBER 81.0220534.02

PROJECT LOCATION Riley Township, McHenry County, IL

DATE STARTED 9/18/18 COMPLETED 9/18/18

GROUND ELEVATION 826 +/- 2 HOLE SIZE 2 inches

DRILLING CONTRACTOR Environmental Soil Probing Corporation

DRILLING METHOD Direct Push

GROUND WATER  
LEVELS (ft, bgs):

DATE	TIME	DEPTH	CASING	STAB
9/18/2018	DD	16	25	N/A

LOGGED BY CAW CHECKED BY JJR

DRILL RIG 7822DT Track Geoprobe

ENVIRONMENTAL BH COLUMN W/ REMARKS - GINT STD US LAB GDT - 10/5/18 15:51 - J181.0220534.02 ISTHA 4257-02 OASIS LUST CLOSURE I90 AND RT23 BORING LOGS 81.0220534.02.02 BORING LOGS.GPJ

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	REMARKS	SAMPLE TYPE NUMBER (Depth Interval)	PID RESULTS (ppm)	RECOVERY (feet)	POCKET PEN. (tsf)
0							
		S-1: Stiff, lean CLAY (CL), low plasticity; little Silt, fine; trace Gravel, fine to coarse; dark brown and black, moist		S-1 (0-1)	0.5	1	
		S-2: Stiff, lean CLAY (CL), low plasticity; little Silt, fine; trace Gravel, fine to coarse; dark brown and black, moist	1	S-2 (1-3)	0.7	1	
		: No recovery		(3-5)			
5		S-3: Stiff, lean CLAY (CL), low plasticity; little Silt, fine; trace Gravel, fine to coarse; dark brown and black, moist		S-3 (5-7)	0.8	2	
		S-4: Stiff, lean CLAY (CL), low plasticity; little Silt, fine; trace Gravel, fine to coarse; dark brown and black, moist		S-4 (7-9)	0.9	1	
		S-5: Stiff, lean CLAY (CL), low plasticity; little Silt, fine; trace Gravel, fine to coarse; dark brown and black, moist		S-5 (9-11)	0.5	1	
10		S-6: Stiff, lean CLAY (CL), low plasticity; little Silt, fine; trace Gravel, fine to coarse; dark brown and black, moist	2	S-6 (11-13)	1.0	2	
		: No recovery		(13-15)			
15		S-8: Stiff, lean CLAY (CL), low plasticity; with Sand, fine to coarse; with Gravel, fine to coarse; dark brown and black, wet		S-8 (15-17)	0.8	2	
		S-9: Stiff, lean CLAY (CL), low plasticity; with Sand, fine to coarse; with Gravel, fine to coarse; brown and grey, wet		S-9 (17-19)	0.6	2	
20		S-10: Stiff, lean CLAY (CL), low plasticity; brown and grey, moist	3	S-10 (19-21)	0.8	1	
		S-11: Loose, SILT (ML), fine; with Peat; some Clay, low plasticity; trace Sand, fine; black and grey, moist		S-11 (21-23)	0.3	2	
		: No recovery		(23-25)			
25		: End of boring at 25' BGS.					

REMARKS

1. Sample submitted for analysis
2. Sample submitted for analysis
3. Sample submitted for analysis





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# BORING NUMBER SB- 3

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CLIENT Illinois State Toll Highway Authority

PROJECT NAME I-90 at Route 23 Ramp Improvements

PROJECT NUMBER 81.0220534.02

PROJECT LOCATION Riley Township, McHenry County, IL

DATE STARTED 9/18/18

COMPLETED 9/18/18

GROUND ELEVATION 825 +/- 2

HOLE SIZE 2 inches

DRILLING CONTRACTOR Environmental Soil Probing Corporation

DRILLING METHOD Direct Push

GROUND WATER  
LEVELS (ft, bgs):

DATE	TIME	DEPTH	CASING	STAB
9/18/2018	DD	DRY	15	N/A

LOGGED BY CAW

CHECKED BY JJR

DRILL RIG 7822DT Track Geoprobe

ENVIRONMENTAL BH COLUMN W/ REMARKS - GINT STD US LAB GDT - 10/5/18 15:51 - J181.0220534.02 ISTHA 4257-02 OASIS LUST CLOSURE I90 AND RT23 BORING LOGS I81.0220534.02.02 BORING LOGS.GPJ

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	REMARKS	SAMPLE TYPE NUMBER (Depth Interval)	PID RESULTS (PPM)	RECOVERY (feet)	POCKET PEN. (tsf)
0							
		S-1: Slightly loose, SILT (ML), fine; some Clay, low plasticity; some Gravel, fine to coarse; black and brown, moist		S-1 (0-1)	1.4	1	
		S-2: Slightly loose, SILT (ML), fine; some Clay, low plasticity; some Gravel, fine to coarse; some Sand, fine to coarse; black and light brown, moist		S-2 (1-3)	1.3	2	
		S-3: Loose, well-graded SAND (SW), fine to coarse; with Gravel, fine to coarse; little Clay, low plasticity; light brown, moist	1	S-3 (3-5)	0.0	1	
5		S-4: Loose, SILT (ML), fine; with Peat; little Clay, low plasticity; little Sand, fine; trace Gravel, fine; black and light brown, moist		S-4 (5-7)	0.0	2	
		: No recovery		(7-9)			
		S-5: Hard, lean CLAY (CL), low plasticity; some Sand, fine to coarse; brown and grey, moist	2	S-5 (9-11)	0.2	1	
10		S-6: Loose, well-graded SAND (SW), fine to coarse; with Clay, low plasticity; grey, moist		S-6 (11-13)	0.0	2	
		: No recovery		(13-15)			
15		: End of boring at 15' BGS.					

- REMARKS
1. Sample submitted for analysis
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# BORING NUMBER SB-4

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CLIENT Illinois State Toll Highway Authority

PROJECT NAME I-90 at Route 23 Ramp Improvements

PROJECT NUMBER 81.0220534.02

PROJECT LOCATION Riley Township, McHenry County, IL

DATE STARTED 9/18/18

COMPLETED 9/18/18

GROUND ELEVATION 824 +/- 2

HOLE SIZE 2 inches

DRILLING CONTRACTOR Environmental Soil Probing Corporation

DRILLING METHOD Direct Push

GROUND WATER  
LEVELS (ft, bgs):

DATE	TIME	DEPTH	CASING	STAB
9/18/2018	DD	10	15	N/A

LOGGED BY CAW

CHECKED BY JJR

DRILL RIG 7822DT Track Geoprobe

ENVIRONMENTAL BH COLUMN W/ REMARKS - GINT STD US LAB GDT - 10/5/18 15:51 - J.181.0220534.02 ISTHA 4257-02 OASIS LUST CLOSURE I90 AND RT23 BORING LOGS I81.0220534.02.02 BORING LOGS.GPJ

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	REMARKS	SAMPLE TYPE NUMBER (Depth Interval)	PID RESULTS (PPM)	RECOVERY (feet)	POCKET PEN. (tsf)
0							
		S-1: Slightly loose, SILT (ML), fine; some Clay, low plasticity; black, moist; trace roots		S-1 (0-1)	0.7	1	
		S-2: Stiff, lean CLAY (CL), low plasticity; little Silt, fine; brown, moist		S-2 (1-3)	0.3	2	
		S-3: Stiff, lean CLAY (CL), low plasticity; with Sand, fine to coarse; trace Silt, fine; brown, moist		S-3 (3-5)	0.5	2	
5		S-4: Stiff, lean CLAY (CL), low plasticity; with Sand, fine to coarse; trace Gravel, fine; dark brown, moist	1	S-4 (5-7)	1.0	2	
		S-5: Loose, well-graded SAND (SW), fine to coarse; some Clay, low plasticity; dark brown and grey, moist		S-5 (7-9)	0.4	2	
		S-6: Loose, well-graded SAND (SW), fine to coarse; some Gravel, fine; grey, wet		S-6 (9-11)	0.1	1	
10		S-7: Loose, well-graded SAND (SW), fine to coarse; some Gravel, fine; grey, wet		S-7 (11-13)	0.2	2	
		S-8: Loose, well-graded SAND (SW), fine to coarse; some Gravel, fine; grey, wet	2	S-8 (13-15)	0.5	1	
15							

: End of boring at 15' BGS.

REMARKS

1. Sample submitted for analysis
2. Sample submitted for analysis



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CLIENT Illinois State Toll Highway Authority

PROJECT NAME I-90 at Route 23 Ramp Improvements

PROJECT NUMBER 81.0220534.02

PROJECT LOCATION Riley Township, McHenry County, IL

DATE STARTED 9/18/18

COMPLETED 9/18/18

GROUND ELEVATION 826 +/- 2

HOLE SIZE 2 inches

DRILLING CONTRACTOR Environmental Soil Probing Corporation

DRILLING METHOD Direct Push

GROUND WATER  
LEVELS (ft, bgs):

DATE	TIME	DEPTH	CASING	STAB
9/18/2018	DD	10	15	N/A

LOGGED BY CAW

CHECKED BY JJR

DRILL RIG 7822DT Track Geoprobe

ENVIRONMENTAL BH COLUMN W/ REMARKS - GINT STD US LAB.GDT - 10/5/18 15:51 - J:\81.0220534.02 ISTHA 4257-02 OASIS LUST CLOSURE\90 AND RT23\BORING LOGS\81.0220534.02.02 BORING LOGS.GPJ

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	REMARKS	SAMPLE TYPE NUMBER (Depth Interval)	PID RESULTS (PPM)	RECOVERY (feet)	POCKET PEN. (tsf)
0							
		S-1: Stiff, lean CLAY (CL), low plasticity; some Gravel, fine to coarse; trace Silt, fine; brown, moist (FILL)		S-1 (0-1)	0.2	1	
		S-2: Loose, well-graded SAND (SW), fine to coarse; with Clay, low plasticity; some Silt, fine; trace Gravel, fine; brown and black, moist	1	S-2 (1-3)	0.4	2	
		: No recovery		(3-5)			
5		S-3: Loose, well-graded SAND (SW), fine to coarse; light brown, moist		S-3 (5-7)	0.5	2	
		S-4: Loose, well-graded SAND (SW), fine to coarse; light brown, moist		S-4 (7-9)	0.1	2	
		S-5: Loose, well-graded SAND (SW), fine to coarse; light brown, wet		S-5 (9-11)	1.1	1	
10		S-6: Loose, well-graded SAND (SW), fine to coarse; with Peat; some Silt, fine; little Clay, low plasticity; brown and dark grey, wet	2	S-6 (11-13)	0.4	2	
		S-7: Loose, well-graded SAND (SW), fine to coarse; little Gravel, fine; grey, wet		S-7 (13-15)	0.4	1	
15							

: End of boring at 15' BGS.

REMARKS

1. Sample submitted for analysis
2. Sample submitted for analysis



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# BORING NUMBER SB- 6

PAGE 1 OF 1

CLIENT Illinois State Toll Highway Authority

PROJECT NAME I-90 at Route 23 Ramp Improvements

PROJECT NUMBER 81.0220534.02

PROJECT LOCATION Riley Township, McHenry County, IL

DATE STARTED 9/18/18 COMPLETED 9/18/18

GROUND ELEVATION 827 +/- 2 HOLE SIZE 2 inches

DRILLING CONTRACTOR Environmental Soil Probing Corporation

DRILLING METHOD Direct Push

GROUND WATER  
LEVELS (ft, bgs):

DATE	TIME	DEPTH	CASING	STAB
9/18/2018	DD	10	15	N/A

LOGGED BY CAW CHECKED BY JJR

DRILL RIG 7822DT Track Geoprobe

ENVIRONMENTAL BH COLUMN W/ REMARKS - GINT STD US LAB GDT - 10/5/18 15:51 - J181.0220534.02 ISTHA 4237-02 OASIS LUST CLOSURE I90 AND RT23BORING LOGS I81.0220534.02.02 BORING LOGS.GPJ

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	REMARKS	SAMPLE TYPE NUMBER (Depth Interval)	PID RESULTS (PPM)	RECOVERY (feet)	POCKET PEN. (tsf)
0							
		S-1: Stiff, lean CLAY (CL), low plasticity; with Silt, fine; some Gravel, fine; trace Sand, fine; black, moist	1	S-1 (0-1)	0.1	1	
		S-2: Stiff, lean CLAY (CL), low plasticity; with Silt, fine; some Gravel, fine; trace Sand, fine; black, moist		S-2 (1-3)	0.1	2	
		: No recovery		(3-5)			
5		S-3: Loose, well-graded SAND (SW), fine to coarse; some Clay, low plasticity; some Gravel, fine; trace Silt, fine; brown and grey, moist		S-3 (5-7)	0.0	2	
		S-4: Loose, well-graded SAND (SW), fine to coarse; with Clay, low plasticity; little Silt, fine; brown and grey, moist	2	S-4 (7-9)	0.2	2	
		S-5: Loose, well-graded SAND (SW), fine to coarse; with Gravel, fine; trace Clay, low plasticity; brown, wet		S-5 (9-11)	0.0	1	
10		S-6: Loose, well-graded SAND (SW), fine to coarse; with Peat; some Silt, fine; little Clay, low plasticity; grey and black, wet		S-6 (11-13)	0.0	2	
		: No recovery		(13-15)			
15		: End of boring at 15' BGS.					

REMARKS

1. Sample submitted for analysis
2. Sample submitted for analysis



Huff & Huff, Inc.  
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# BORING NUMBER SB-7

PAGE 1 OF 1

CLIENT Illinois State Toll Highway Authority

PROJECT NAME I-90 at Route 23 Ramp Improvements

PROJECT NUMBER 81.0220534.02

PROJECT LOCATION Riley Township, McHenry County, IL

DATE STARTED 9/18/18

COMPLETED 9/18/18

GROUND ELEVATION 824 +/- 2

HOLE SIZE 2 inches

DRILLING CONTRACTOR Environmental Soil Probing Corporation

DRILLING METHOD Direct Push

GROUND WATER  
LEVELS (ft, bgs):

DATE	TIME	DEPTH	CASING	STAB
9/18/2018	DD	12	15	N/A

LOGGED BY CAW

CHECKED BY JJR

DRILL RIG 7822DT Track Geoprobe

ENVIRONMENTAL BH COLUMN W/ REMARKS - GINT STD US LAB.GDT - 10/5/18 15:51 - J:\81.0220534.02\15THA 4257-02 OASIS LUST CLOSURE\90 AND RT23\BORING LOGS\81.0220534.02\_02\_BORING LOGS.GPJ

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	REMARKS	SAMPLE TYPE NUMBER (Depth Interval)	PID RESULTS (PPM)	RECOVERY (feet)	POCKET PEN. (tsf)
0							
		S-1: Stiff, lean silty CLAY (CL-ML), low plasticity; with Gravel, fine to coarse; black, moist		S-1 (0-1)	4.4	1	
		S-2: Stiff, lean silty CLAY (CL-ML), low plasticity; with Sand, fine to coarse; little Gravel, fine to coarse; black and brown, moist	1	S-2 (1-3)	5.7	2	
		S-3: Loose, well-graded SAND (SW), fine to coarse; trace Gravel, fine; brown, moist		S-3 (3-5)	4.3	1	
5		S-4: Loose, well-graded SAND (SW), fine to coarse; with Peat, some Silt, fine; trace Clay, low plasticity; brown and black, moist		S-4 (5-7)	4.5	2	
		: No recovery		(7-9)			
10		S-5: Loose, SILT (ML), fine; with Peat; trace Clay, low plasticity; black, moist	2	S-5 (9-11)	3.7	1	
		S-6: Loose, SILT (ML), fine; with Sand, fine; some Peat; little Clay, low plasticity; trace Gravel, fine; black and grey, wet	3	S-6 (11-13)	3.7	2	
		S-7: Loose, SILT (ML), fine; with Sand, fine; little Clay, low plasticity; trace Gravel, fine; grey, wet		S-7 (13-15)	1.7	1	
15							

: End of boring at 15' BGS.

REMARKS

1. Sample submitted for analysis
2. Sample submitted for analysis
3. Sample submitted for analysis





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# BORING NUMBER SB- 8

PAGE 1 OF 1

CLIENT Illinois State Toll Highway Authority

PROJECT NAME I-90 at Route 23 Ramp Improvements

PROJECT NUMBER 81.0220534.02

PROJECT LOCATION Riley Township, McHenry County, IL

DATE STARTED 9/18/18 COMPLETED 9/18/18

GROUND ELEVATION 827 +/- 2 HOLE SIZE 2 inches

DRILLING CONTRACTOR Environmental Soil Probing Corporation

DRILLING METHOD Direct Push

GROUND WATER  
LEVELS (ft, bgs):

DATE	TIME	DEPTH	CASING	STAB
9/18/2018	DD	12	15	N/A

LOGGED BY CAW CHECKED BY JJR

DRILL RIG 7822DT Track Geoprobe

ENVIRONMENTAL BH COLUMN W/ REMARKS - GINT STD US LAB. GOT - 10/5/18 15:51 - J:\81.0220534.02 IS THA 4257-02 OASIS LUST CLOSURE\90 AND RT23\BORING LOGS\81.0220534.02.02\_BORING LOGS.GPJ

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	REMARKS	SAMPLE TYPE NUMBER (Depth interval)	PID RESULTS (PPM)	RECOVERY (feet)	POCKET PEN. (tsf)
0							
		S-1: Stiff, lean CLAY (CL), low plasticity; with Silt, fine; with Gravel, fine to coarse; black and dark brown, moist (FILL)		S-1 (0-1)	0.8	1	
		S-2: Loose, SILT (ML), fine; with Gravel, fine; some Sand, fine; little Clay, low plasticity; black and dark brown, moist	1	S-2 (1-3)	1.6	2	
		S-3: Loose, well-graded SAND (SW), fine to coarse; with Gravel, fine; brown, moist		S-3 (3-5)	1.0	1	
5		S-4: Stiff, lean CLAY (CL), low plasticity; with Sand, fine; trace Silt, fine; trace Gravel, fine; grey and brown, moist		S-4 (5-7)	0.8	2	
		: Loose, well-graded SAND (SW), fine to coarse; with Clay, low plasticity; little Silt, fine; little Peat; grey, brown, and black, moist		(7-9)	0.9	2	
		S-5: Loose, well-graded SAND (SW), fine to coarse; little Gravel, fine; little Clay, low plasticity; grey and brown, wet		S-5 (9-11)	0.8	1	
10		S-6: Loose, SILT (ML), fine; with Clay, low plasticity; some Peat; trace Sand, fine; trace Gravel, fine; grey, brown, and black, wet	2	S-6 (11-13)	1.2	2	
		S-7: No recovery		S-7 (13-15)			
15							

: End of boring at 15' BGS.

REMARKS

1. Sample submitted for analysis
2. Sample submitted for analysis



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# BORING NUMBER SB- 9

PAGE 1 OF 1

CLIENT Illinois State Toll Highway Authority

PROJECT NAME I-90 at Route 23 Ramp Improvements

PROJECT NUMBER 81.0220534.02

PROJECT LOCATION Riley Township, McHenry County, IL

DATE STARTED 9/18/18

COMPLETED 9/18/18

GROUND ELEVATION 827 +/- 2

HOLE SIZE 2 inches

DRILLING CONTRACTOR Environmental Soil Probing Corporation

DRILLING METHOD Direct Push

GROUND WATER  
LEVELS (ft, bgs):

DATE	TIME	DEPTH	CASING	STAB
9/18/2018	DD	12	15	N/A

LOGGED BY CAW

CHECKED BY JJR

DRILL RIG 7822DT Track Geoprobe

ENVIRONMENTAL BH COLUMN W/ REMARKS - GINT STD US LAB GDT - 10/5/18 15:51 - J181.0220534.02 ISTHA 4257-02 OASIS LUST CLOSURE I90 AND RT23 BORING LOGS SB-9

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	REMARKS	SAMPLE TYPE NUMBER (Depth Interval)	PID RESULTS (PPM)	RECOVERY (feet)	POCKET PEN. (tsf)
0							
		S-1: Loose, SILT (ML), fine; with Sand, fine; with Gravel, fine; little Clay, low plasticity; brown and black, moist	1	S-1 (0-1)	4.1	1	
		S-2: Loose, SILT (ML), fine; with Sand, fine; with Gravel, fine; little Clay, low plasticity; brown and black, moist		S-2 (1-3)	3.7	2	
		S-3: Stiff, lean CLAY (CL), low plasticity; some Sand, fine; some Silt, fine; brown to dark brown, moist		S-3 (3-5)	5.6	1	
5		S-4: Loose, well-graded SAND (SW), fine to coarse; with Gravel, fine; some Clay, low plasticity; trace Silt, fine; grey, brown, and black, moist	2	S-4 (5-7)	4.7	2	
		S-5: Loose, well-graded SAND (SW), fine to coarse; some Peat; little Silt, fine; light brown, moist		S-5 (7-9)	4.6	2	
		S-6: Loose, well-graded SAND (SW), fine to coarse; with Peat; some Silt, fine; brown and black, moist		S-6 (9-11)	4.9	1	
10		S-7: Loose, SILT (ML), fine; with Clay, low plasticity; with Sand, fine to coarse; some Clay, low plasticity; dark brown to brown and black, wet		S-7 (11-13)	3.9	2	
		S-8: Loose, well-graded SAND (SW), fine to coarse; grey, wet		S-8 (13-15)	4.4	1	
15							

: End of boring at 15' BGS.

REMARKS

1. Sample submitted for analysis
2. Sample submitted for analysis



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# BORING NUMBER SB-10

PAGE 1 OF 1

CLIENT Illinois State Toll Highway Authority

PROJECT NAME I-90 at Route 23 Ramp Improvements

PROJECT NUMBER 81.0220534.02

PROJECT LOCATION Riley Township, McHenry County, IL

DATE STARTED 9/18/18

COMPLETED 9/18/18

GROUND ELEVATION 826 +/- 2

HOLE SIZE 2 inches

DRILLING CONTRACTOR Environmental Soil Probing Corporation

DRILLING METHOD Direct Push

GROUND WATER  
LEVELS (ft, bgs):

DATE	TIME	DEPTH	CASING	STAB
9/18/2018	DD	12	15	N/A

LOGGED BY CAW

CHECKED BY JJR

DRILL RIG 7822DT Track Geoprobe

ENVIRONMENTAL BH COLUMN W/ REMARKS - GINT STD US LAB GDT - 10/5/18 15:51 - J181.0220534.02 ISTHA 4257-02 OASIS LUST CLOSURE I90 AND RT23 BORING LOGS I81.0220534.02.02 BORING LOGS.GPJ

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	REMARKS	SAMPLE TYPE NUMBER (Depth Interval)	PID RESULTS (PPM)	RECOVERY (feet)	POCKET PEN. (tsf)
0							
		S-1: Stiff, lean CLAY (CL), low plasticity; with Gravel, fine; black, moist (FILL)		S-1 (0-1)	4.2	1	
		S-2: Loose, well-graded SAND (SW), fine to coarse; with Clay, low plasticity; with Silt, fine; brown and black, moist	1	S-2 (1-3)	5.7	2	
		S-3: Loose, well-graded SAND (SW), fine to coarse; with Gravel, fine; little Clay, low plasticity; trace Silt, fine; brown, moist		S-3 (3-5)	4.6	1	
5		S-4: Loose, well-graded SAND (SW), fine to coarse; with Gravel, fine; little Clay, low plasticity; trace Silt, fine; brown, moist		S-4 (5-7)	5.5	2	
		: No recovery		(7-9)			
10		S-5: Loose, SILT (ML), fine; with Clay, low plasticity; with Peat; some Clay, low plasticity; brown and black, moist	2	S-5 (9-11)	5.4	1	
		S-6: Stiff, lean CLAY (CL), low plasticity; with Silt, fine; little Peat; grey, wet	3	S-6 (11-13)	1.0	2	
		S-7: Loose, well-graded SAND (SW), fine to coarse; grey, wet		S-7 (13-15)	0.8	1	
15		: End of boring at 15' BGS.					

- REMARKS
1. Sample submitted for analysis
  2. Sample submitted for analysis
  3. Sample submitted for analysis

**ILLINOIS TOLL HIGHWAY AUTHORITY**

**CONTRACT I-18-4392**

**RESPONSES TO REQUESTS FOR INFORMATION RECEIVED FROM PLAN HOLDERS**

- Question No. 1: Can you confirm what the Earned Credit Cap is for the project? It is listed as \$325k on P-4 and \$250k on P-19.
- Answer No. 1: The bid credit cap is \$325,000 as shown on page P-4. The bid credit reference on page P-19 has been removed.
- Question No. 2: Pay Item JT155001 CONTRACTORS QUALITY PROGRAM typically has a pre-determined unit price and it is blank so we wanted to see if we need to bid it at a pre-determined price? Pay Items JT154002 DISPOSAL OF UNIDENTIFIED HAZARDOUS WASTE TO JT154165 ALLOWANCE FOR UTILITY RELOCATION give quantities but do not give a unit price dollar value. Can you confirm what unit price we should bid these at?
- Answer No. 2: The unit prices and Contractor's Quality Program unit prices have been added to the P-Pages as part of Addendum No. 1.
- Question No. 3: The plans do not give any existing grades/ data for the proposed berms and ponds at the new ramp infields. Can we get a topo/ existing grading information so we can perform an earthwork take off for these areas?
- Answer No. 3: The existing available topographic information for the infields is shown in the cross-sections. The earthwork balance includes the entire earthwork for the project, including the infield areas. There will be no revisions to the contract documents related to this question.
- Question No. 4: Will the constructing of hot mix asphalt test strips be required for this project as no pay item is listed for it in the P-pages?
- Answer No. 4: Yes, a pay-item has been added for test strips (JI406900 – CONSTRUCTING WARM MIX ASPHALT TEST STRIP).
- Question No. 5: For the IDOT asphalt mixes, will QC/QA with uncorrelated gauges be sufficient since we are following the IDOT specification in those areas?
- Answer No. 5: The standard specifications for density testing will be required.
- Question No. 6: Will 10 ¾ shoulder stamped colored TL mix or standard IDOT PV mix be used?
- Answer No. 6: The 10 ¾ inch shoulder stamped concrete will be standard IDOT PV mix.
- Question No. 7: Can this bid be pushed to a later date due to two contract openings occurring on the same date?
- Answer No. 7: The bid date will remain unchanged.
- Question No. 8: Please review the bill of materials on sheets 418, 419, and 420. The #7 longitudinal bars appear to be over stated.

- Answer No. 8: On Sheets 418, 419, and 420, the number of a40(E) bars and a41(E) bars are revised to 108 and 60, respectively, and weight of the reinforcement bars, epoxy coated is revised to 9,500 lbs.
- Question No. 9: There is a worksheets in Volume II of the specs for Bituminous Contract Allowance but no bid form. Is one going to be added by addendum?
- Answer No. 9: The bid form has been added as Page No. BDE-5A within Addendum No. 1.
- Question No. 10: Specification page D1-28 – only allowable lane closures of 9 am to 3 pm for the arterial roads so a 6 hour window to work. The current IDOT spec is 6:00 to 8:30 to 4:30 to 6:00 pm (an excerpt spec from another project was provided). The ADT on this road is only 10500.
- Answer No. 10: The IDOT specification for **Keeping Arterial Roadways Open to Traffic (Lane Closures Only)** allows for a menu selected set of lane closure hours. The lane closure hours provided in I-18-4392 was specified by IDOT. There is no change to the specification.
- Question No. 11: Will shoulder rumble strips be required for this project as no pay item is listed for it in the P-pages?
- Answer No. 11: Yes, a pay item has been added for shoulder rumble strips (JI642014 – ASPHALT SHOULDER RUMBLE STRIP, 16 INCH). Revised Contract Drawings Volume 1 - Drawings 3, 144, and 145 are included within Addendum No. 1.
- Question No. 12: Is there a special provision and/or location in the plans for pay item 50300225 – CONCRETE STRUCTURES?
- Answer No. 12: Single face barrier is located at each plaza per Tollway Standard Drawing F15-02, and is quantified and paid for as Concrete Structures (50300225), Protection Coat (50300300), and Reinforcement Bars, Epoxy Coated (50800205). The total quantity for these pay items are shown in the summary of quantities and in the bill of materials on Drawing 411. There will be no revisions to the contract documents related to this question.
- Question No. 13: Wanted to ask about the attenuators specified for this project. I see the below pay items for temporary attenuators for this project; it was my understanding that temporary impact attenuators for work zones on Tollway projects had to be Severe Use Attenuators. Is this not the case for these or is the application different? (Current Pay Items: 70600305 - IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, RESETTABLE), TEST LEVEL 3; and 70600330 - IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3)
- Answer No. 13: A pay item has been added for Severe Use Attenuators. (JI706282 - IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3, TO REMAIN IN PLACE)
- Question No. 14: Where is the environmental report done by Huff and Huff in 2018?
- Answer No. 14: The CCDD LPC-663 Information-Jane Addams Memorial Tollway (I-90) at IL 23 (November 19, 2018) has been provided in in Addendum No. 1 as an attachment to the pre-bid meeting minutes.
- Question No. 15: Per Special Provisions, page J-11, Coordination with Illinois Department of Transportation - The Contractor is required to provide a \$6,000,000 bond to IDOT. Is this bond in addition to the project bond?
- Answer No. 15: Yes, this will be in addition to the project bond.



Question No. 16: In addition to this project, there is another project bid the same day, which is RR-18-4425 M-2, is it possible to change this bid date.

Answer No. 16: See the response to Question No. 7.

Question No. 17: The schedule of prices for Earned Credit, page P-19, has a cap of \$250,000, however in Volume I, page P-4, proposal notes a bid cap of \$325,000. Which one is correct?

Answer No. 17: See the response to Question No. 1.

Question No. 18: Can you provide a schedule of quantities for the following pay items, we were not able to match these quantities from the plans; Item No. 58300225 - Concrete Structures; Item No. 50800205 - Reinforcement Bars, Epoxy Coated; Item No. 50300300 - Protective Coat

Answer No. 18: These quantities are shown in Volume 3; sheets 415-420 schedule of quantities regarding items 50300300. For item No. 50300225 Concrete Structures see tollway standard drawing F15-02. For Item No. 50800205 see sheet numbers 23 and sheets 415-420 for schedules. There will be no revisions to the contract documents related to this question.

Question No. 19: With reference to Item JI704000 Temporary Concrete Barrier and Item JI704005 Relocate Temporary Concrete Barrier, the Maintenance of Traffic Drawing No. 64, Note 26, References Tollway furnish barrier wall. The pay items do not reflect Tollway furnished barrier wall. Can you verify that the contractor is to supply barrier wall.

Answer No. 19: The contractor is to supply barrier wall. Maintenance of Traffic Drawing No. 64, Note 26, has been revised to eliminate tollway owned language. Revised Contract Drawings Volume 1 - Drawing 64 is included within Addendum No. 1.

Question No. 20: The schedule of prices do not have a Unit Price Dollar amount listed for the following Allowances: JT155001, JT154002, JT154008, JT154016, JT154020, JT154032, JT154125, JT154127, JT154165. Please provide dollar amount for each allowance.

Answer No. 20: The unit prices and Contractor's Quality Program unit prices have been added to the P-Pages as part of Addendum No. 1.

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**PART I - INSTRUCTIONS**

<b>Bid Schedule and Information</b>	<b>A-1</b>
<b>Construction Bid Checklist</b>	<b>CL-1 – CL-3</b>
<b>Instruction and information to Bidders</b>	<b>I-1 – I-10</b>

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

ADVERTISEMENT FOR SEALED BIDS

Bid Schedule and information for

**CONTRACT NO: I-18-4392**

Sealed Proposals 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, November 30, 2018, at which time the Bids will be opened and the bids read aloud.

An **optional pre-bid meeting** is scheduled for November 15, 2018 at the Central Administration Building in Downers Grove, at 2700 Ogden Avenue. The meeting will be held in Conference Room 175 at 1:30 p.m.

The work to be done under this Contract shall be started on or about February 22, 2019. All work under this Contract shall be completed by October 23, 2019.

The work under this Contract shall consist of: construction of a new eastbound off ramp from I-90 to IL 23, a new eastbound on ramp from IL 23 to I-90, a new westbound off ramp from I-90 to IL 23, and a new westbound on ramp from IL 23 to I-90; reconstruction and widening of IL 23 and Harmony Rd; reconstruction of the IL 23 and Harmony Road intersection to a roundabout intersection; construction of new toll plazas and buildings on ramps A, C, and D; construction of new lighting, drainage improvements, guardrail, and landscaping; erosion and sediment control; maintenance of traffic; and other miscellaneous work.

The work under this Contract is to be performed on: the Jane Addams Memorial Tollway (I-90) between Mile Post 35.5 and Mile Post 36.5 and along Illinois Route 23 (IL 23) from just north of Harmony Rd to just south of Coon Creek Rd in McHenry 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 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, proposal 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 Hope Garrett at hgarrett@getipass.com, to be received no later than 2:00 p.m., local time on November 19, 2018.

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: November 1, 2018**





November 21, 2018

Mr. Mike Pachla, Vice President  
Curran Contracting Company  
286 Memorial Court  
Crystal Lake, IL 60014

Subject: Illinois Tollway Contract I-16-4274  
Illinois Route 47 Interchange  
Reagan Memorial Tollway (I-88)  
Mile Post 108.8 to Mile Post 109.9  
Apparent Low Bidder - Additional Required Bid Documents

Dear Mr. Pachla:

Congratulations! This letter is to inform you that Curran Contracting Company 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 Wednesday November 28, 2018** to:

Contract Services – I-16-4274  
Illinois State Toll Highway Authority  
2700 Ogden Ave.  
Downers Grove, IL 60515  
[constructionbid@getipass.com](mailto:constructionbid@getipass.com)

**Required Documents:**

- Disadvantaged Business Enterprise Participation and Utilization (See DBE Special Provision)  
DBE 2025(s)-Pilot
- Veterans Small Business Participation and Utilization (See VOSB Special Provision)  
VOSB 2025(s)-Pilot

Diversity Information	DBE	Veteran
(1) Advertised Goal (percentage)	23%	2%
(2) Core Bid Amount, as verified by Tollway review of P-Pages	\$13,383,392.88	
(3) Commitment in dollars, as verified by Tollway review of Form 2026-Pilot	\$3,620,028.63	\$399,521.85
(4) Commitment in percent, as calculated from (3)/(2)	27.04%	2.98%
The DBE Commitment calculated	<u>  X  </u> meets/exceeds the advertised goal _____ has approved waiver request	
The Veteran Commitment calculated	<u>  X  </u> 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. Curran Contracting Company 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

Laura Durkin  
General Manager of Engineering  
630-241-6800 Extension 3802  
ldurkin@getipass.com

CC: Paul Kovacs  
Greg Stukel  
Laura Thompson  
Lisa T. Pierotti  
Paul Lanzo  
Audra Degonia  
Kristen Hamilton  
Deanna Dinkel  
File: LT\_Tollway\_LD\_4274\_PostBidDocumentRequest\_11212018\_03\_01\_10

## Documents Required with the Bid

Offeror 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	
Disadvantaged Business Enterprise <ul style="list-style-type: none"> <li>DBE 2026-Utilization Plan</li> <li>DBE 2023 if needed</li> </ul>	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.		
Veteran Small Business Participation and Utilization <ul style="list-style-type: none"> <li>VOSB 2026-Utilization Plan</li> <li>VOSB 2023 if needed</li> </ul>	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.		
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 Proposal 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.		

<b>Preferences, Contacts and Affidavit</b>	Section R	If a Joint Venture, must be submitted for each Joint Venture Partner.	
<b>IDOT Certificate of Eligibility (If required—See Page A-1)</b>	A-1 & Section I #9	If a Joint Venture, required from each Joint Venture Partner (If required)	
<b>Non-Collusion Affidavit</b>	Page R-4	If a Joint Venture, must be submitted for each Joint Venture Partner	
<b>Tollway Standard Terms &amp; Conditions</b>	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**

<b>Disadvantaged Business Enterprise DBE 2025(s)</b>	Section I #27 & DBE Special Provision	Required for all solicitations with DBE goals. See DBE Special Provision for additional information
<b>Veteran Small Business Participation and Utilization</b> • VOSB 2025(s)	Section I #28 & VOSB Special Provision	Required for all solicitations with Veteran goals. See Veterans Special Provision for additional information
<b>Equal Employment Opportunity</b> • EEO 1256	Section I #29 & EEO Special Provision	Required for solicitations when included on the notice to Apparent Low Bidder
<b>Plant and Equipment Questionnaire and Current Contractual Obligations</b>	Section I #9 & Section S	If a Joint Venture, submit for each Joint Venture partner.
<b>Responsible Bidder Affidavit PA-1 signed and Notary Seal</b>	Section I #37	If a Joint Venture, must be submitted for each Joint Venture Partner

### **The Following Will Be Verified by the Tollway for the Low Apparent Bidder**

<b>Authority to Transact Business in Illinois - Secretary of State Certificate of Good Standing</b>	Section I #10	If a Joint Venture, will be verified for each Joint Venture Partner.
<b>Illinois Dept. of Human Rights</b>	Section I #9 & #26	If a Joint Venture, will be verified for each Joint Venture Partner
<b>State Board of Elections</b>	Section I #25	If a Joint Venture, Will be verified for each Joint Venture Partner

## 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: <a href="http://www.irs.gov/pub/irs-pdf/fw9.pdf">http://www.irs.gov/pub/irs-pdf/fw9.pdf</a>		
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. PROPOSAL 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 15<sup>th</sup>** 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.

Public Acts 96-0795, 96-0920 and 97-0895 provide that a "prohibited bidder" includes a person assisting the State of Illinois or State agency in determining whether there is a need for contract unless such information was part of a response to a publicly issued request for information (RFI). Additionally, one assisting the State by reviewing, drafting or preparing a request for proposal or request for information or provide similar assistance is deemed a prohibited bidder. 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 Illinois Compiled Statutes, 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 submitting an offer. 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](http://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 match 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 Illinois Procurement Bulletin ([www.purchase.state.il.us](http://www.purchase.state.il.us)), Illinois Public Higher Education Procurement Bulletin ([www.procure.stateuniv.state.il.us](http://www.procure.stateuniv.state.il.us)), Illinois Department of Transportation Procurement Bulletin ([www.idot.illinois.gov/doing-business/procurements/index](http://www.idot.illinois.gov/doing-business/procurements/index)) or the Illinois Capital Development Board Bulletin (<http://www.illinois.gov/cdb/procurement/>) (collectively and individually referred to as "Bulletin"). Procurement information may not be available in any other form or location. Bidder is responsible for monitoring the Bulletin. The State will not be held responsible if Bidder fails to receive the optional e-mail notices.

23. **PROTEST REVIEW OFFICE**

Vendors may submit a written protest to the Protest Review Office following the requirements of the 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

Email: [eec.legalstaff@illinois.gov](mailto:eec.legalstaff@illinois.gov)



401 S. Spring Street  
Suite 515 Stratton Office Building  
Springfield, IL 62706

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](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:

- **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 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-contractors are those specifically hired to perform all or part of the work of this Contract or to provide the supplies requested by the State. In no event shall a subcontractor 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 proposals, 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

<b>Proposal</b>	Return with Bid
<b>Proposal Listing All Addenda</b>	Return with Bid
<b>Bid Bond</b>	Return with Bid
<b>Forms A or Forms B Disclosures</b>	Return with Bid
<b>Disadvantaged Business Enterprise DBE 2026 and DBE 2023 (if required)</b> (Additional details including form DBE 2025(s) will be requested from the apparent low bidder.)	Return with Bid
<b>Veteran Small Business Participation VOSB 2026 and VOSB 2023 (if required)</b> (Additional details including form VOSB 2025(s) will be requested from the apparent low bidder.)	Return with Bid
<b>Equal Employment Opportunity Program</b>	Return with Bid
<b>Bid Credit Program, if applicable</b>	Return with Bid
<b>I.D.O.T. Certificate of Eligibility (if required)</b>	Return with Bid
<b>Affidavit</b>	Return with Bid
<b>Responsible Bidder Affidavit</b>	Will be Requested from the Apparent Low Bidder
<b>Bidder Preferences</b>	Return with Bid
<b>Bidder List of Individual Contacts</b>	Return with Bid
<b>Plant and Equipment Questionnaire</b>	Will be Requested from the Apparent Low Bidder
<b>Illinois Tollway Standard Terms and Conditions</b>	Return with Bid
<b>Secretary of State Certificate of Good Standing</b>	Will be Verified by the Tollway
<b>State Board of Elections</b>	Will be verified by the Tollway
<b>Illinois Department of Human Rights</b>	Will be verified by the Tollway

**Prevailing Wage rates for  
McHenry 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	13.77	13.20	0.00	0.50
ASBESTOS ABT-MEC	ALL	BLD		37.88	40.38	1.5	1.5	2	12.12	11.70	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	18.88	0.00	0.63
CEMENT MASON	ALL	ALL		44.84	46.84	2	1.5	2	10.00	21.01	0.00	0.50
CERAMIC TILE FNSHER	ALL	BLD		38.56	38.56	1.5	1.5	2	10.65	11.18	0.00	0.68
COMMUNICATION TECH	ALL	BLD		38.15	40.55	1.5	1.5	2	12.18	12.77	0.00	0.67
ELECTRIC PWR EQMT OP	ALL	ALL		37.89	51.48	1.5	1.5	2	5.00	11.75	0.00	0.38
ELECTRIC PWR EQMT OP	ALL	HWY		41.45	56.38	1.5	1.5	2	5.50	12.87	0.00	0.73
ELECTRIC PWR GRNDMAN	ALL	ALL		29.30	51.48	1.5	1.5	2	5.00	9.09	0.00	0.29
ELECTRIC PWR GRNDMAN	ALL	HWY		32.00	56.38	1.5	1.5	2	5.50	9.92	0.00	0.66
ELECTRIC PWR LINEMAN	ALL	ALL		45.36	51.48	1.5	1.5	2	5.00	14.06	0.00	0.45
ELECTRIC PWR LINEMAN	ALL	HWY		49.67	56.38	1.5	1.5	2	5.50	15.40	0.00	0.88
ELECTRIC PWR TRK DRV	ALL	ALL		30.34	51.48	1.5	1.5	2	5.00	9.40	0.00	0.30
ELECTRIC PWR TRK DRV	ALL	HWY		33.14	56.38	1.5	1.5	2	5.50	10.29	0.00	0.59
ELECTRICIAN	ALL	ALL		47.29	51.69	1.5	1.5	2	14.58	15.87	0.00	0.95
ELEVATOR CONSTRUCTOR	ALL	BLD		51.94	58.43	2	2	2	14.43	14.96	4.16	0.90
FENCE ERECTOR	E	ALL		39.58	41.58	1.5	1.5	2	13.40	13.90	0.00	0.40
FENCE ERECTOR	S	ALL		45.56	49.20	2	2	2	11.02	21.51	0.00	0.70
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	E	ALL		47.33	49.33	2	2	2	14.15	22.39	0.00	0.35
IRON WORKER	S	ALL		45.61	49.25	2	2	2	11.52	22.65	0.00	0.81
IRON WORKER	W	ALL		38.33	44.08	2	2	2	12.27	24.57	0.00	0.60

LABORER	ALL	ALL		41.20	41.95	1.5	1.5	2	13.77	13.20	0.00	0.50
LATHER	ALL	ALL		46.35	48.35	1.5	1.5	2	11.79	18.88	0.00	0.63
MACHINIST	ALL	BLD		47.56	50.06	1.5	1.5	2	7.05	8.95	1.85	1.47
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	13.77	13.20	0.00	0.50
MATERIALS TESTER II	ALL	ALL		36.20	36.20	1.5	1.5	2	13.77	13.20	0.00	0.50
MILLWRIGHT	ALL	ALL		46.35	48.35	1.5	1.5	2	11.79	18.88	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		38.00	38.00	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	E	ALL		46.75	49.25	2	2	2	13.90	19.79	0.00	0.75
ORNAMNTL IRON WORKER	S	ALL		45.06	48.66	2	2	2	10.52	20.76	0.00	0.40
PAINTER	ALL	ALL		44.18	46.18	1.5	1.5	1.5	10.30	8.20	0.00	1.35
PAINTER SIGNS	ALL	BLD		37.45	42.05	1.5	1.5	2	2.60	3.18	0.00	0.00
PILEDRIIVER	ALL	ALL		46.35	48.35	1.5	1.5	2	11.79	18.88	0.00	0.63
PIPEFITTER	ALL	BLD		47.50	50.50	1.5	1.5	2	10.05	17.85	0.00	2.12
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		45.77	47.77	1.5	1.5	2	10.65	14.10	0.00	0.82
SIGN HANGER	ALL	BLD		26.07	27.57	1.5	1.5	2	3.80	3.55	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	E	ALL		46.20	48.20	2	2	2	13.65	21.52	0.00	0.35
STEEL ERECTOR	S	ALL		45.56	49.20	2	2	2	11.02	21.51	0.00	0.70
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		45.49	49.49	1.5	1.5	2	10.65	13.88	0.00	0.86
TRAFFIC SAFETY WRKR	ALL	HWY		32.75	34.35	1.5	1.5	2	8.45	6.05	0.00	0.50
TRUCK DRIVER	ALL	ALL	1	37.05	37.60	1.5	1.5	2	9.00	7.50	0.00	0.15
TRUCK DRIVER	ALL	ALL	2	37.20	37.60	1.5	1.5	2	9.50	7.50	0.00	0.15
TRUCK DRIVER	ALL	ALL	3	37.40	37.60	1.5	1.5	2	9.50	7.50	0.00	0.15
TRUCK DRIVER	ALL	ALL	4	37.60	37.60	1.5	1.5	2	9.50	7.50	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 MCHENRY COUNTY

**FENCE ERECTOR (EAST)** - That part of the county East and Northeast of a line following Route 31 North to Route 14, northwest to Route 47 north to the Wisconsin State Line.

**IRONWORKERS (EAST)** - That part of the county East of Rts. 47 and 14.

IRONWORKERS (SOUTH) - That part of the county South of Route 14 and East of Route 47.

IRONWORKERS (WEST) - That part of the county West of Route 47.

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.

#### 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 TECHNICIAN

Construction, installation, maintenance and removal of telecommunication facilities (voice, sound, data and video), telephone, security systems, fire alarm systems that are a component of a multiplex system and share a common cable, and data inside wire, interconnect, terminal equipment, central offices, PABX and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area network), LAN (local area networks), and ISDN (integrated system digital network), pulling of wire in raceways, but not the installation of raceways.

#### 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 ENGINEERS - FLOATING

Diver. Diver Wet Tender, Diver Tender, ROV Pilot, ROV Tender

TRAFFIC SAFETY - work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary lane markings, and the installation and removal of temporary road signs.

#### TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

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.



#### 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.

#### 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-18-4392**

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, November 30, 2018 and immediately thereafter publicly opened and read aloud.

**TO THE CHAIRMAN OF THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY:**

The undersigned hereby proposes to perform: construction of a new eastbound off ramp from I-90 to IL 23, a new eastbound on ramp from IL 23 to I-90, a new westbound off ramp from I-90 to IL 23, and a new westbound on ramp from IL 23 to I-90; reconstruction and widening of IL 23 and Harmony Rd; reconstruction of the IL 23 and Harmony Road intersection to a roundabout intersection; construction of new toll plazas and buildings on ramps A, C, and D; construction of new lighting, drainage improvements, guardrail, and landscaping; erosion and sediment control; maintenance of traffic; and other miscellaneous work.

The services will be performed within the: Jane Addams Memorial Tollway (I-90) between Mile Post 35.5 and Mile Post 36.5 and along Illinois Route 23 (IL 23) from just north of Harmony Rd to just south of Coon Creek Rd in McHenry 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. <u>1</u>	Date <u>11/21/18</u>
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:

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%, 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-18-4392, 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 undersigned will not be permitted to sublet work representing more than Sixty-Five percent (65%) of the total price bid in this Bid; and any and all sub-contractors must be approved in writing by the Chief Engineering Officer before commencing any work.

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 Proposal.

The undersigned is (check one)

an individual ☐

a Partnership ☐

a Corporation ☒ under the laws of the State of Illinois

having principal office at 286 Memorial Ct Crystal Lake IL 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 30 day of November, 2018, by its Vice President

authorized.

thereunto

(SEAL)

(SEAL)

Affix Corporate Seal  
or Power of Attorney Where Applicable

Information below to be typed or printed where applicable.

INDIVIDUAL:

_____ Name	_____ Address
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PARTNERSHIP - NAME AND ADDRESS OF GENERAL PARTNERS:

_____ Name	_____ Address
---------------	------------------

_____ Name	_____ Address
---------------	------------------

_____ Name	_____ Address
---------------	------------------

INCORPORATED:

Rick Noe	286 Memorial Ct Crystal Lake IL 60014
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_____ President	_____ Address
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Mike Leopardo	286 Memorial Ct Crystal Lake IL 60014
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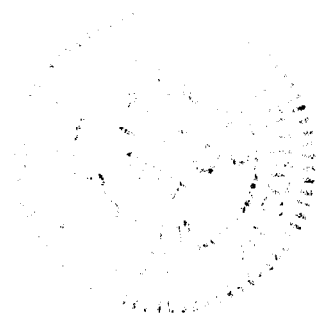
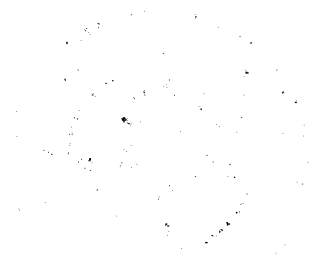
_____ Vice-President	_____ Address
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Catherine C Curran	286 Memorial Ct Crystal Lake IL 60014
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_____ Secretary	_____ Address
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Todd Gierke	286 Memorial Ct Crystal Lake IL 60014
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_____ Treasurer	_____ Address
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## Proposal 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 \$325,000.00. 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 Proposal 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-18-4392 as specified in S.P. 103.1



THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY  
 CONTRACT I-18-4392  
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 JANE ADDAMS MEMORIAL TOLLWAY (I-90) AT ILLINOIS ROUTE 23 (IL 23)  
 MILE POST 35.5 TO MILE POST 36.5  
 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	373	\$12.00	\$4,476.00
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	313	\$15.00	\$4,695.00
*	20100500	TREE REMOVAL, ACRES	ACRE	0.3	\$10,000.00	\$3,000.00
*	20200100	EARTH EXCAVATION	CU YD	303,276	\$6.30	\$1,910,638.80
*	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	6,952	\$11.89	\$82,659.28
	20800150	TRENCH BACKFILL	CU YD	2,149	\$28.80	\$61,891.20
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	11,333	\$1.15	\$13,032.95
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1,725	\$2.00	\$3,450.00
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	5,175	\$2.00	\$10,350.00
	25100630	EROSION CONTROL BLANKET	SQ YD	84,232	\$1.30	\$109,501.60
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	28,142	\$0.01	\$281.42
	28000305	TEMPORARY DITCH CHECKS	FOOT	920	\$4.00	\$3,680.00
	28000400	PERIMETER EROSION BARRIER	FOOT	11,986	\$2.25	\$26,968.50
	28000500	INLET AND PIPE PROTECTION	EACH	3	\$500.00	\$1,500.00
	28000510	INLET FILTERS	EACH	57	\$150.00	\$8,550.00
	28100105	STONE RIPRAP, CLASS A3	SQ YD	149	\$26.29	\$3,917.21
	28100107	STONE RIPRAP, CLASS A4	SQ YD	66	\$66.25	\$4,372.50
	28100109	STONE RIPRAP, CLASS A5	SQ YD	48	\$90.12	\$4,325.76
	28100111	STONE RIPRAP, CLASS A6	SQ YD	281	\$110.62	\$31,084.22
	28200200	FILTER FABRIC	SQ YD	123	\$2.52	\$309.96
	28500400	ARTICULATED BLOCK REVETMENT MAT	SQ YD	2,027	\$150.00	\$304,050.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
D1	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	6,952	\$27.26	\$189,511.52
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	38,758	\$11.50	\$445,717.00
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	7,947	\$15.50	\$123,178.50
	31200500	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"	SQ YD	29,187	\$14.15	\$412,996.05
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1,164	\$7.81	\$9,090.84
	35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	419	\$25.16	\$10,542.04
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	397	\$44.75	\$17,765.75
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	88	\$155.00	\$13,640.00
	40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	2,593	\$0.01	\$25.93
	40701876	HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 9 3/4"	SQ YD	289	\$55.00	\$15,895.00
	42000406	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)	SQ YD	23,316	\$58.30	\$1,359,322.80
	42001300	PROTECTIVE COAT	SQ YD	28,369	\$1.20	\$34,042.80
BDE	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	11,829	\$9.00	\$106,461.00
	42400800	DETECTABLE WARNINGS	SQ FT	480	\$29.70	\$14,256.00
	44000100	PAVEMENT REMOVAL	SQ YD	19,018	\$25.00	\$475,450.00
	44004250	PAVED SHOULDER REMOVAL	SQ YD	12,449	\$6.36	\$79,175.64
	48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	741	\$20.55	\$15,227.55
	48300405	PORTLAND CEMENT CONCRETE SHOULDERS 9 1/4"	SQ YD	7,897	\$47.60	\$375,897.20
*	48300515	PORTLAND CEMENT CONCRETE SHOULDERS 10 3/4"	SQ YD	1,845	\$111.10	\$182,759.50
	48300610	PORTLAND CEMENT CONCRETE SHOULDERS 11 1/2"	SQ YD	122	\$106.90	\$13,041.80
	50104400	CONCRETE HEADWALL REMOVAL	EACH	1	\$980.00	\$980.00

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 SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	50105220	PIPE CULVERT REMOVAL	FOOT	740	\$23.50	\$17,390.00
	50300225	CONCRETE STRUCTURES	CU YD	170	\$730.00	\$124,100.00
	50300300	PROTECTIVE COAT	SQ YD	1,038	\$0.01	\$10.38
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	55,354	\$1.71	\$94,655.34
	54010402	PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	164	\$340.00	\$55,760.00
	54010502	PRECAST CONCRETE BOX CULVERTS 5' X 2'	FOOT	25	\$340.00	\$8,500.00
	54010602	PRECAST CONCRETE BOX CULVERTS 6' X 2'	FOOT	74	\$340.00	\$25,160.00
	54010603	PRECAST CONCRETE BOX CULVERTS 6' X 3'	FOOT	86	\$365.00	\$31,390.00
	54010903	PRECAST CONCRETE BOX CULVERTS 9' X 3'	FOOT	390	\$500.00	\$195,000.00
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	9	\$820.00	\$7,380.00
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	\$855.00	\$855.00
	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	1	\$920.00	\$920.00
	54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	\$1,020.00	\$1,020.00
	54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2	\$1,690.00	\$3,380.00
	54214305	END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	2	\$1,650.00	\$3,300.00
	54214761	PRECAST REINFORCED CONCRETE FLARED END SECTIONS - ELLIPTICAL, EQUIVALENT ROUND-SIZE 66"	EACH	1	\$7,500.00	\$7,500.00
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	2,081	\$23.75	\$49,423.75
	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	122	\$36.90	\$4,501.80
	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	211	\$39.50	\$8,334.50
	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	208	\$52.50	\$10,920.00
	550A0230	STORM SEWERS, CLASS A, TYPE 1 72"	FOOT	195	\$200.00	\$39,000.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	546	\$23.75	\$12,967.50
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	426	\$36.90	\$15,719.40
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	405	\$39.50	\$15,997.50
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	121	\$52.50	\$6,352.50
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	114	\$76.50	\$8,721.00
	550A0520	STORM SEWERS, CLASS A, TYPE 2 72"	FOOT	127	\$200.00	\$25,400.00
	550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	56	\$33.75	\$1,890.00
	550A0710	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	31	\$52.50	\$1,627.50
	550A4100	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	FOOT	307	\$81.00	\$24,867.00
	550A4300	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	62	\$100.00	\$6,200.00
	550A4740	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 66"	FOOT	242	\$300.00	\$72,600.00
	60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	18	\$525.00	\$9,450.00
	60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	526	\$2.15	\$1,130.90
	60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	5,645	\$10.00	\$56,450.00
	60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	20	\$2,250.00	\$45,000.00
	60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	22	\$1,275.00	\$28,050.00
*	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	19	\$2,350.00	\$44,650.00
*	60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6	\$4,400.00	\$26,400.00
*	60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	\$10,300.00	\$10,300.00
*	60224469	MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	\$17,900.00	\$17,900.00
	60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	19	\$1,150.00	\$21,850.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	1	\$3,450.00	\$3,450.00
	60600605	CONCRETE CURB, TYPE B	FOOT	674	\$45.30	\$30,532.20
	60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	12,158	\$28.00	\$340,424.00
*	60611811	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (MODIFIED)	FOOT	1,038	\$46.00	\$47,748.00
	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	3,844	\$7.80	\$29,983.20
	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	587.5	\$28.15	\$16,538.13
	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	\$1,193.20	\$2,386.40
	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	\$3,640.90	\$7,281.80
	63200310	GUARDRAIL REMOVAL	FOOT	2,086	\$5.96	\$12,432.56
	66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	39	\$430.68	\$16,796.52
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	15,000	\$1.00	\$15,000.00
	66900530	SOIL DISPOSAL ANALYSIS	EACH	10	\$1,325.00	\$13,250.00
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,160	\$0.40	\$864.00
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	720	\$2.25	\$1,620.00
BDE	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	104,386	\$0.62	\$64,719.32
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	4,580	\$17.00	\$77,860.00
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	3,437	\$6.30	\$21,653.10
	70600305	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, RESETTABLE), TEST LEVEL 3	EACH	10	\$10,564.95	\$105,649.50
	70600330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	10	\$3,214.95	\$32,149.50
	72000100	SIGN PANEL - TYPE 1	SQ FT	524.50	\$31.40	\$16,469.30
	72000200	SIGN PANEL - TYPE 2	SQ FT	1,136.25	\$24.00	\$27,270.00



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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	59	\$198.70	\$11,723.30
	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	17	\$397.30	\$6,754.10
	72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	433	\$11.00	\$4,763.00
	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	\$46.27	\$92.54
	72501100	TERMINAL MARKER - POST MOUNTED	EACH	2	\$73.07	\$146.14
	72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	30,674	\$2.50	\$76,685.00
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	947.75	\$24.00	\$22,746.00
	73000100	WOOD SIGN SUPPORT	FOOT	1,321	\$41.90	\$55,349.90
	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	70	\$374.20	\$26,194.00
	73400100	CONCRETE FOUNDATIONS	CU YD	57	\$1,028.60	\$58,630.20
	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	262	\$4.75	\$1,244.50
	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	25,816	\$0.55	\$14,198.80
	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	42	\$0.90	\$37.80
	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1,311	\$1.25	\$1,638.75
	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	3,054	\$2.50	\$7,635.00
	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	342	\$5.00	\$1,710.00
	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	118	\$30.00	\$3,540.00
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	138	\$12.00	\$1,656.00
*	80400100	ELECTRIC SERVICE INSTALLATION	EACH	3	\$2,068.20	\$6,204.60
*	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	\$9,915.00	\$9,915.00
	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	1,644	\$36.80	\$60,499.20

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	81028330	UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	FOOT	123	\$15.60	\$1,918.80
	81100420	CONDUIT ATTACHED TO STRUCTURE, 1 1/4" DIA., PVC COATED GALVANIZED STEEL	FOOT	90	\$64.50	\$5,805.00
	81603034	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	2,657	\$11.70	\$31,086.90
	81603050	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	5,340	\$13.10	\$69,954.00
	81702145	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3	FOOT	693	\$4.10	\$2,841.30
	82500360	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	3	\$7,864.10	\$23,592.30
	83009600	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. MAST ARM	EACH	49	\$2,763.90	\$135,431.10
	83050580	LIGHT POLE, ALUMINUM, 40 FT. M.H., 2-12 FT. MAST ARMS	EACH	2	\$2,812.40	\$5,624.80
	83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	300	\$268.10	\$80,430.00
	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	2,495	\$1.10	\$2,744.50
*	X0322584	REVTMENT MAT REMOVAL	SQ YD	1,300	\$5.00	\$6,500.00
*	X1200050	BOX CULVERT REMOVAL	FOOT	80	\$140.00	\$11,200.00
*	X1200111	PRECAST BOX CULVERT END SECTION	EACH	10	\$4,000.00	\$40,000.00
*	X1400238	LUMINAIRE, LED, SPECIAL	EACH	53	\$968.80	\$51,346.40
*	X6020096	MANHOLES, TYPE A, 6'-DIAMETER, WITH 2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	1	\$11,800.00	\$11,800.00
*	X6022110	MANHOLES, TYPE A, 10'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	\$28,000.00	\$28,000.00
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	\$36,500.00	\$36,500.00
BDE	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	20,280	\$0.32	\$6,489.60
BDE	X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	680	\$25.00	\$17,000.00
*	X7810300	RECESSED REFLECTIVE PAVMENT MARKER	EACH	44	\$110.00	\$4,840.00
BDE	X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	44.6	\$10.00	\$446.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
BDE	X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	6,304	\$0.55	\$3,467.20
BDE	X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	363	\$3.00	\$1,089.00
BDE	X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	60	\$10.00	\$600.00
*	Z0022800	FENCE REMOVAL	FOOT	1,118	\$7.27	\$8,127.86
*	Z0040530	PIPE UNDERDRAIN REMOVAL	FOOT	5,946	\$3.49	\$20,751.54
D1	Z0062456	TEMPORARY PAVEMENT	SQ YD	8,156	\$40.00	\$326,240.00
*	JA664020	DOUBLE VEHICLE GATE, DECORATIVE FENCE	EACH	1	\$5,988.75	\$5,988.75
*	J1211110	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	23,789	\$25.00	\$594,725.00
*	J1211112	TOPSOIL EXCAVATION AND DISPOSAL	CU YD	64,042	\$1.00	\$64,042.00
*	J1213001	EXPLORATION TRENCH, UTILITIES	FOOT	300	\$42.00	\$12,600.00
*	J1213006	EXPLORATION TRENCH, UTILITIES (VACUUM EXCAVATION)	FOOT	300	\$36.00	\$10,800.00
*	J1312022	STABILIZED SUBBASE – WMA, 3"	SQ YD	27,538	\$9.95	\$274,003.10
*	J1406107	ASPHALT TACK COAT	POUND	13,550	\$0.01	\$135.50
*	J1406900	CONSTRUCTING WARM MIX ASPHALT TEST STRIP	EACH	2	\$5,500.00	\$11,000.00
*	J1420005	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	15,530	\$58.60	\$910,058.00
*	J1420008	PORTLAND CEMENT CONCRETE PAVEMENT 11.25" (JOINTED)	SQ YD	7,300	\$61.80	\$451,140.00
*	J1420027	PROTECTIVE COAT	SQ YD	27,854	\$1.30	\$36,210.20
*	J1481070	AGGREGATE SHOULDERS SPECIAL, TYPE C	TON	224	\$96.50	\$21,616.00
*	J1481130	AGGREGATE SHOULDERS WITH FILTER FABRIC, TYPE B 4"	SQ YD	5,670	\$8.75	\$49,612.50
*	J1482104	WARM-MIX ASPHALT SHOULDERS (6 IN.)	SQ YD	17,183	\$22.75	\$390,913.25
*	J1501040	SLOPED HEADWALL REMOVAL	EACH	9	\$240.00	\$2,160.00

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 MILE POST 35.5 TO MILE POST 36.5  
 SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JI601300	PIPE UNDERDRAINS, 6" (SPECIAL)	FOOT	5,488	\$2.85	\$15,640.80
*	JI601320	PIPE UNDERDRAINS, FABRIC LINED TRENCH 6"	FOOT	3,148	\$32.25	\$101,523.00
*	JI602791	JUNCTION CHAMBER, LOCATION 1	EACH	1	\$21,250.00	\$21,250.00
*	JI630002	GALVANIZED STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	537.5	\$28.15	\$15,130.63
*	JI631110	TRAFFIC BARRIER TERMINAL, TYPE T1 (SPECIAL) TANGENT	EACH	2	\$3,640.90	\$7,281.80
*	JI631112	TRAFFIC BARRIER TERMINAL, TYPE T1-A (SPECIAL)	EACH	4	\$3,614.44	\$14,457.76
*	JI631120	TRAFFIC BARRIER TERMINAL, TYPE T2	EACH	1	\$1,483.82	\$1,483.82
*	JI631135	TRAFFIC BARRIER TERMINAL, TYPE T6B	EACH	6	\$3,685.00	\$22,110.00
*	JI631140	TRAFFIC BARRIER TERMINAL, TYPE T10	EACH	1	\$499.14	\$499.14
*	JI635010	ROADWAY DELINEATORS	EACH	315	\$42.00	\$13,230.00
*	JI642014	ASPHALT SHOULDER RUMBLE STRIP, 16 INCH	FOOT	1,355	\$6.00	\$8,130.00
*	JI664305	RIGHT-OF-WAY FENCE, TYPE 1, 6'	FOOT	4,060	\$16.00	\$64,960.00
*	JI664310	CORNER POST, RIGHT-OF-WAY FENCE, TYPE1	EACH	4	\$756.95	\$3,027.80
*	JI664315	PULL POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	32	\$756.95	\$24,222.40
*	JI664320	END POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	2	\$756.94	\$1,513.88
*	JI664400	RIGHT OF WAY FENCE REMOVAL	FOOT	4,881	\$5.81	\$28,358.61
*	JI680016	HEADWALL TYPE III, 24", 1:4	EACH	1	\$4,700.00	\$4,700.00
*	JI680037	HEADWALL TYPE IV, 36", 1:4	EACH	2	\$10,900.00	\$21,800.00
*	JI680080	HEADWALL TYPE III, 24" EQRS, 1:6	EACH	1	\$6,575.00	\$6,575.00
*	JI680125	SLOPED HEADWALL TYPE III, 24", 1:3	EACH	1	\$3,450.00	\$3,450.00
*	JI680130	SLOPED HEADWALL TYPE III, 6", 1:4	EACH	28	\$860.00	\$24,080.00

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 MILE POST 35.5 TO MILE POST 36.5  
 SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JI680131	SLOPED HEADWALL TYPE III, 12", 1:4	EACH	1	\$1,600.00	\$1,600.00
*	JI680132	SLOPED HEADWALL TYPE III, 15", 1:4	EACH	1	\$2,050.00	\$2,050.00
*	JI680133	SLOPED HEADWALL TYPE III, 18", 1:4	EACH	7	\$2,300.00	\$16,100.00
*	JI680140	SLOPED HEADWALL TYPE III, 6", 1:6	EACH	44	\$1,020.00	\$44,880.00
*	JI680142	SLOPED HEADWALL TYPE III, 15", 1:6	EACH	1	\$3,400.00	\$3,400.00
*	JI680143	SLOPED HEADWALL TYPE III, 18", 1:6	EACH	1	\$3,875.00	\$3,875.00
*	JI680145	SLOPED HEADWALL TYPE III, 24", 1:6	EACH	4	\$5,225.00	\$20,900.00
*	JI680148	SLOPED HEADWALL TYPE III, 15", 1:10	EACH	2	\$5,650.00	\$11,300.00
*	JI680149	SLOPED HEADWALL TYPE III, 24" EQRS, 1:4	EACH	3	\$4,700.00	\$14,100.00
BDE	JI703995	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	14,512	\$0.35	\$5,079.20
*	JI704000	TEMPORARY CONCRETE BARRIER,	FOOT	7,685	\$17.00	\$130,645.00
*	JI704005	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	7,685	\$4.75	\$36,503.75
*	JI706282	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3, TO REMAIN IN PLACE	EACH	2	\$40,792.78	\$81,585.56
*	JI782012	GUARDRAIL BARRIER DELINEATOR, REFLECTOR MARKER TYPE B	EACH	13	\$9.25	\$120.25
*	JI782022	BARRIER WALL REFLECTORS, TYPE C	EACH	155	\$10.00	\$1,550.00
*	JI782110	TERMINAL MARKER - DIRECT APPLIED	EACH	5	\$46.27	\$231.35
*	JI811282	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., STAINLESS STEEL	FOOT	50	\$170.90	\$8,545.00
**	JS107360	DUST CONTROL WATERING	UNIT	1,272	\$0.01	\$12.72
**	JS120100	TRAILER MOUNTED FULL MATRIX PORTABLE CHANGEABLE MESSAGE SIGNS	EACH	2	\$6,000.00	\$12,000.00
**	JS120101	TRAILER MOUNTED FULL MATRIX PORTABLE CHANGEABLE MESSAGE SIGNS	EACH/WEEK	4	\$400.00	\$1,600.00
**	JS120102	TRAILER MOUNTED FULL MATRIX PORTABLE CHANGEABLE MESSAGE SIGNS	EACH/MONTH	2	\$1,250.00	\$2,500.00



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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
**	JS250220	SEEDING, CLASS 2E	ACRE	20.5	\$2,500.00	\$51,250.00
**	JS250314	SEEDING, CLASS 4B	ACRE	10.9	\$3,100.00	\$33,790.00
**	JS250318	SEEDING, CLASS 4F	ACRE	30.7	\$2,750.00	\$84,425.00
**	JS250320	SEEDING, CLASS 5	ACRE	30.7	\$3,400.00	\$104,380.00
**	JS250324	SEEDING, CLASS 5B	ACRE	10.9	\$3,300.00	\$35,970.00
**	JS280020	MANAGEMENT OF EROSION AND SEDIMENT CONTROL	CAL. MO.	9	\$1,200.00	\$10,800.00
**	JS280030	EROSION AND SEDIMENT CONTROL-EXCAVATION	CU YD	279	\$28.00	\$7,812.00
**	JS280040	EROSION AND SEDIMENT CONTROL-CLEANOUT	CU YD	139	\$25.00	\$3,475.00
**	JS280050	SILT FENCE	FOOT	13,298	\$2.25	\$29,920.50
**	JS280051	RE-ERECT SILT FENCE	FOOT	2,663	\$0.50	\$1,331.50
**	JS280070	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	4,803	\$1.00	\$4,803.00
**	JS280100	SUPER SILT FENCE	FOOT	176	\$15.00	\$2,640.00
**	JS280120	TREE PROTECTION	FOOT	890	\$3.00	\$2,670.00
**	JS280140	TEMPORARY RIPRAP	TON	361	\$96.00	\$34,656.00
**	JS280150	TEMPORARY STABILIZATION WITH STRAW MULCH	ACRE	39.25	\$0.01	\$0.39
**	JS280210	FILTER FABRIC INLET PROTECTION, BASKET TYPE	EACH	20	\$150.00	\$3,000.00
**	JS280305	TEMPORARY DITCH CHECKS	FOOT	605	\$4.00	\$2,420.00
**	JS670A00	FIELD OFFICE, TYPE A	CAL MO	10	\$2,816.90	\$28,169.00
*	JS671020	MOBILIZATION, TOLLWAY (MODIFIED)	L SUM	1	\$1,538,608.58	\$1,538,608.58
*	JS701010	MAINTENANCE OF TRAFFIC	L SUM	1	\$97,700.00	\$97,700.00
**	JS733610	OVERHEAD SIGN STRUCTURE, AET RAMP ENTRANCE MONOTOBE TYPE (STEEL)	FOOT	134	\$801.70	\$107,427.80

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
**	JS733630	OVERHEAD SIGN STRUCTURE, AET RAMP EXIT MONOTOBE TYPE (STEEL)	FOOT	134	\$795.40	\$106,583.60
**	JS734D10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, MONOTUBE TYPE	CU YD	124	\$1,579.00	\$195,796.00
**	JS810839	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	420	\$27.70	\$11,634.00
**	JS810880	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 5" DIA.	FOOT	400	\$39.70	\$15,880.00
**	JS814001	HANDHOLE, TOLLWAY	EACH	10	\$3,790.70	\$37,907.00
**	JS814002	HEAVY-DUTY HANDHOLE, TOLLWAY	EACH	8	\$3,716.30	\$29,730.40
**	JS816034	UNIT DUCT, WITH 2-1/C NO. 8 AND 1/C NO. 8 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	FOOT	1,570	\$8.60	\$13,502.00
**	JS816037	UNIT DUCT, WITH 4-1/C NO. 6 AND 1/C NO. 8 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	FOOT	11,820	\$10.60	\$125,292.00
**	JS817212	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	1,910	\$1.90	\$3,629.00
**	JS817213	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	240	\$2.00	\$480.00
**	JS817214	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	2,085	\$2.30	\$4,795.50
**	JS817215	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	3,465	\$2.80	\$9,702.00
**	JS821100	LUMINAIRE, LED, HORIZONTAL MOUNT	EACH	60	\$652.10	\$39,126.00
**	JS830003	GROUND MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 15 FT. MAST ARM	EACH	60	\$3,146.90	\$188,814.00
**	JS836001	LIGHT POLE FOUNDATION (ROADWAY) STEEL HELIX (7 FT) OR CONCRETE	EACH	60	\$1,172.90	\$70,374.00
*	JT131524	ELECTRICAL WORK	L SUM	1	\$15,059.00	\$15,059.00
*	JT131527	PLAZA ELECTRICAL WORK, LOCATION 1	L SUM	1	\$452,238.00	\$452,238.00
*	JT131528	PLAZA ELECTRICAL WORK, LOCATION 2	L SUM	1	\$205,439.00	\$205,439.00
*	JT131529	PLAZA ELECTRICAL WORK, LOCATION 3	L SUM	1	\$201,346.00	\$201,346.00
*	JT131641	PREFABRICATED CONTROL BUILDING, LOCATION 1	L SUM	1	\$186,584.00	\$186,584.00
*	JT131642	PREFABRICATED CONTROL BUILDING, LOCATION 2	L SUM	1	\$125,188.00	\$125,188.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT131643	PREFABRICATED CONTROL BUILDING, LOCATION 3	L SUM	1	\$125,188.00	\$125,188.00
*	JT131651	CONTROL BUILDING FOUNDATION, LOCATION 1	L SUM	1	\$45,000.00	\$45,000.00
*	JT131652	CONTROL BUILDING FOUNDATION, LOCATION 2	L SUM	1	\$40,000.00	\$40,000.00
*	JT131653	CONTROL BUILDING FOUNDATION, LOCATION 3	L SUM	1	\$40,000.00	\$40,000.00
*	JT132701	VES CAMERA HIGH PRESSURE WASH SYSTEM, LOCATION 1	L SUM	1	\$48,651.00	\$48,651.00
*	JT132702	VES CAMERA HIGH PRESSURE WASH SYSTEM, LOCATION 2	L SUM	1	\$48,651.00	\$48,651.00
*	JT132703	VES CAMERA HIGH PRESSURE WASH SYSTEM, LOCATION 3	L SUM	1	\$48,651.00	\$48,651.00
*	JT132810	ITS POLE MOUNTED ENCLOSURE (CCTV OR MVDS)	EACH	3	\$20,939.00	\$62,817.00
*	JT132814	ITS DISCONNECT SWITCH ASSEMBLY	EACH	3	\$6,929.60	\$20,788.80
*	JT132820	CCTV CAMERA, ITS ASSEMBLY (TOLLWAY)	EACH	3	\$5,442.10	\$16,326.30
*	JT132830	FIBER OPTIC COMMUNICATIONS, ITS ASSEMBLY	EACH	3	\$1,614.10	\$4,842.30
*	JT132845	MICROWAVE VEHICLE DETECTION SYSTEM (MVDS), ITS ASSEMBLY	EACH	1	\$6,766.20	\$6,766.20
*	JT134037	ITS ELEMENT SITE GROUNDING - POLE MOUNTED ASSEMBLY	EACH	3	\$1,074.70	\$3,224.10
*	JT160115	INNERDUCT FOR SINGLE MODE FIBER OPTIC CABLE, 1 1/4" DIA, COILABLE NONMETALLIC, RIBBED	FOOT	5,830	\$3.70	\$21,571.00
*	JT160130	HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, 36"X60"X36"	EACH	6	\$2,921.70	\$17,530.20
*	JT160132	HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, 48"X72"X36"	EACH	1	\$3,854.00	\$3,854.00
*	JT160152	CABLE MARKER SIGN WITH POST FOR SINGLE MODE FIBER OPTIC CABLE	EACH	10	\$488.10	\$4,881.00
*	JT160321	FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 24 FIBERS	FOOT	5,000	\$4.00	\$20,000.00
*	JT160323	FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 48 FIBERS	FOOT	1,330	\$7.30	\$9,709.00
*	JT211A08	SUBGRADE AGGREGATE 9 IN.	CU YD	7,174	\$36.00	\$258,264.00
*	JT211A11	SUBGRADE AGGREGATE 12 IN.	CU YD	15	\$82.00	\$1,230.00

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT211A14	SUBGRADE AGGREGATE 15 IN.	CU YD	5,941	\$40.45	\$240,313.45

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S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
*	JT280240	PERMANENT DITCH CHECK	FOOT	340	\$500.00	\$170,000.00
*	JT280510	FLOC LOG	EACH	27	\$90.00	\$2,430.00
*	JT421380	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT AND SHOULDER (SPECIAL)(12 IN.)	SQ YD	720	\$105.10	\$75,672.00
*	JT421960	PAVEMENT REINFORCEMENT (12 IN.)	SQ YD	720	\$82.20	\$59,184.00
*	JT701030	SUPPLEMENTAL BARRICADE	EACH/DAY	2,000	\$0.75	\$1,500.00
*	JT701031	SUPPLEMENTAL SIGNING	SQ FT	180	\$11.00	\$1,980.00
*	JT701032	SUPPLEMENTAL FLASHING ARROW BOARD (PER DAY)	EACH/DAY	60	\$10.00	\$600.00
*	JT701033	SUPPLEMENTAL FLASHING ARROW BOARD (PER WEEK)	EACH/WEEK	26	\$20.00	\$520.00
*	JT701034	SUPPLEMENTAL FLASHING ARROW BOARD (PER MONTH)	EACH/MONTH	24	\$30.00	\$720.00
*	JT701035	SUPPLEMENTAL MAINTENANCE OF TRAFFIC	DAY	24	\$175.00	\$4,200.00
*	JT701052	TEMPORARY INFORMATION SIGNING-GROUND MOUNT, GREATER THAN 24 SQ FT IN AREA	SQ FT	500	\$25.00	\$12,500.00
*	JT720100	SIGN INSTALLATION, TYPE 1	SQ FT	177	\$19.10	\$3,380.70
*	JT720110	SIGN INSTALLATION, TYPE 2	SQ FT	684.5	\$14.80	\$10,130.60
*	JT720120	SIGN INSTALLATION, TYPE 3	SQ FT	4,799.06	\$7.30	\$35,033.14
*	JT780300	MULTI-POLYMER PAVEMENT MARKING - LINE 4"	FOOT	11,309	\$0.58	\$6,559.22
*	JT780310	MULTI-POLYMER PAVEMENT MARKING - LINE 6"	FOOT	2,990	\$0.90	\$2,691.00
*	JT780315	MULTI-POLYMER PAVEMENT MARKING - LINE 8"	FOOT	1,820	\$1.20	\$2,184.00
*	JT780320	MULTI-POLYMER PAVEMENT MARKING - LINE 10"	FOOT	8,826	\$1.70	\$15,004.20
*	JT780325	MULTI-POLYMER PAVEMENT MARKING - LINE 12"	FOOT	2,205	\$2.50	\$5,512.50
*	JT780340	MULTI-POLYMER PAVEMENT MARKING - LETTERS (8 FT.)	SQ FT	130	\$6.00	\$780.00
*	JT780355	MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE)	SQ FT	254	\$8.00	\$2,032.00

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*	JT810879	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 4" DIA.	FOOT	6,430	\$8.90	\$57,227.00
*	JT783001	PAVEMENT MARKING REMOVAL	SQ FT	13,500	\$0.10	\$1,350.00
*	JT783005	WATERBLAST PAVEMENT MARKING REMOVAL WITH VACUUM RECOVERY	SQ FT	1,200	\$5.00	\$6,000.00
*	JT830051	GROUND MOUNTED LIGHT POLE, GALVANIZED STEEL, 50 FT., WITHOUT MAST ARM	EACH	3	\$7,099.70	\$21,299.10
*	JT836018	ITS ELEMENT POLE FOUNDATION STEEL HELIX (10 FT)	EACH	3	\$1,660.50	\$4,981.50
*	JT836027	CONCRETE SERVICE PAD TYPE A	EACH	3	\$1,422.70	\$4,268.10
*	JT900580	CHEMICALLY STABILIZED SUBGRADE, 9"	SQ YD	28,695	\$4.70	\$134,866.50
*	JT992010	GEOTECHNICAL INVESTIGATION	L SUM	1	\$15,000.00	\$15,000.00
*	A2004716	TREE, GLEDITSIA TRIACANTHOS INERMIS SHADEMASTER (SHADEMASTER THORNLESS COMMON HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED	EACH	20	\$500.00	\$10,000.00
*	A2006512	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-1/2" CALIPER, BALLED AND BURLAPPED	EACH	20	\$500.00	\$10,000.00
*	A2006712	TREE, QUERCUS MACROCARPA (BUR OAK), 1-1/2" CALIPER, BALLED AND BURLAPPED	EACH	20	\$500.00	\$10,000.00
						\$19,456,221.99
*	JT155001	CONTRACTOR'S QUALITY PROGRAM	L SUM	1	\$496,000.00	\$496,000.00
*	JT154002	DISPOSAL OF UNIDENTIFIED HAZARDOUS WASTE	UNIT	50,000	\$	\$50,000
*	JT154008	UNFORESEEN ADDITIONAL MAINTENANCE OF TRAFFIC	UNIT	50,000	/	\$50,000
*	JT154016	ALLOWANCE FOR UNFORESEEN EROSION CONTROL MEASURES	UNIT	25,000	/	\$25,000
*	JT154020	ALLOWANCE FOR DEWATERING	UNIT	5,000	/	\$5,000
*	JT154032	CONTRACT ALLOWANCE FOR ADDITIONAL ITS WORK	UNIT	10,000	/	\$10,000
*	JT154125	ALLOWANCE FOR ELECTRIC UTILITY SERVICE CONNECTION	UNIT	10,000	/	\$10,000
*	JT154127	ALLOWANCE FOR UTILITY SERVICE CONNECTION	UNIT	10,000	/	\$10,000
*	JT154165	ALLOWANCE FOR UTILITY RELOCATION	UNIT	10,000	/	\$10,000
	999NEG24	DAMAGES TO ILLINOIS TOLLWAY'S OPERATIONAL FACILITIES PER S.P. 115.5 - JANE ADDAMS MEMORIAL (I-90)	OCCUR		(9,000.00)	




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	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 CONTROL AND SEDIMENT CONTROL PER TOLLWAY SUPPL. SPEC 280.02 9b) (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. 701.001 (b) (2)	OCCUR		(2,500.00)	

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I-18-4392 - 76.000 - Construction  
Interchange Construction - Jane Addams Memorial Tollway (I-90) at Illinois Route 23 (IL 23)  
Curran Contracting Company  
Award

Contract List
Contract
Bidders
Diversity
A15
Contractors
PCO
ATP
Adjustments
Adjustment Structure
Liens
Personnel
Vendor Structure

Contract Nbr I-18-4392  
Description Interchange Construction - Jane Addams Memorial Tollway (I-90) at Illinois Route 23 (IL 23)  
Prime Curran Contracting Company

Contract Financials
Contract Dates
CM Field Office
Parcels
Special Provisions
Default Workflows
Milestones
Action

Orig. Authorization	\$20,122,221.99	Resolution Nbr	21711	Maintain
Award Amount	\$20,122,221.99	Resolution Date	12/20/2018	
Appr. Amendments	\$0.00	Resolution Amount	\$20,122,221.99	
ULC	\$20,122,221.99	Obligation Nbr		
Authorized Amount	✓ \$20,122,221.99	Fund	70 - Improvement Account - Move Illinois	
		IPB Number	22043069	
		EcoSys WBS		
		e-Builder Project	4392C	
		Invoices Allowed	<input checked="" type="checkbox"/>	
		Contiguous Periods	<input checked="" type="checkbox"/>	
		Upon Request	<input type="checkbox"/>	

Print Routing Sheet

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY  
CONTRACT I-18-4392  
INTERCHANGE CONSTRUCTION  
JANE ADDAMS MEMORIAL TOLLWAY (I-90) AT ILLINOIS ROUTE 23 (IL 23)  
MILE POST 35.5 TO MILE POST 36.5  
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
	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)	
	999NEG44	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.1	CAL DAY		(9,000.00)	
	999NEG45	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.2	CAL DAY		(9,000.00)	
	999NEG49	DAMAGE TO FIBER OPTIC UTILITIES, PER S.P. 115.3	OCCUR		(10,000.00)	
	999NEG53	NON-COMPLIANCE WITH CONTRACTOR QUALITY PROGRAM SPECIAL PROVISION	OCCUR		(1,000.00)	
	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)	
	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)	
AMOUNT OF CONTRACTOR'S QUALITY PROGRAM (CQP) + TOTAL AMOUNT OF CONTINGENCY WORK						666,000.00
TOTAL AMOUNT OF CORE WORK + AMOUNT OF CONTRACTOR'S QUALITY PROGRAM (CQP) + TOTAL AMOUNT OF CONTINGENCY WORK = TOTAL AMOUNT OF BASE BID						20,122,221.99
ECP BID CREDIT						325,000.00
AWARD CRITERIA						19,797,221.99

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

OPENED 11/30 2018  
BOND OR CHECK ENCLOSED: YES ☒ NO ☐  
*[Signature]*

## Mancillas, Pam

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**From:** Construction Bid  
**Sent:** Thursday, December 06, 2018 1:58 PM  
**To:** Construction Bid; Robinson, Lynnette; Cerpa, Paul; Gomez, Graciela; Pierotti, Lisa; Mancillas, Pam; Smith, Terri; Flaska, Robert; Dinkel, Deanna; Biggs, Susan; Rivers, Charissa; Lanzo, Paul; Durkin, Laura; Degonia, Audra; Benson, Janet; Pighini, Ronald; Bailey, Shanel; Isaacson, Samantha; Vick, Marlene; Jamison, William; Bailey, Tracey; Ross, Patty  
**Cc:** Giraldo, Gustavo; Kovacs, Paul  
**Subject:** Contracts 4274, 4392 and 4699 - BID CREDIT UTILIZATION

Hi All,

Please find a summary of Bid Credits used for contractors to maintain low bidder status between 11/20 and 12/4/18.

### BID CREDITS USED SUMMARY: 11/20/18 - 12/4/18

CONTRACT	DATE OF BID OPENING	CONTRACTOR	AMOUNT OF BID CREDITS USED TO REMAIN LOW
4274	11/20/2018	Curran	27,683.34
4392 *	11/30/2018	Curran	276,771.92
4699	12/4/2018	FH Paschen	300,298.63

**Kristen R. Hamilton**

Consultant for Diversity and Engineering  
Illinois State Toll Highway Authority  
630.241.6800 x3295  
[khamilton@getipass.com](mailto:khamilton@getipass.com)

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No. 00453

## Illinois State Toll Highway Authority

*This Certifies that Curran Contracting, Co. has earned a total of \$89,212.09 through the Earned 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 13-June-2017*



The owner of this certificate # 00453 is tendering  
\$ 89,212.09 credits for use on bid for contract  
# 1-18-4392 on (date) 11/30/18. I understand that  
any credits not utilized for a winning bid will be returned.

Signed: 

No. 00581

## Illinois State Toll Highway Authority

*This Certifies that Aldridge Electric Inc. has earned a total of \$506,955.48 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 9-November-2018*



The owner of this certificate # 00581 is tendering  
\$ 235,787.91 credits for use on bid for contract  
# I-18-4392 on (date) 11/30/2018. I understand that  
any credits not utilized for a winning bid will be returned.

Signed: \_\_\_\_\_

Stephen E. Rivi, C.E.O.



THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY  
CONTRACT I-18-4392  
INTERCHANGE CONSTRUCTION  
JANE ADDAMS MEMORIAL TOLLWAY (I-90) AT ILLINOIS ROUTE 23 (IL 23)  
MILE POST 35.5 TO MILE POST 36.5  
SCHEDULE OF PRICES

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	QUANTITY	UNIT PRICE DOLLAR	AMOUNT DOLLAR
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GBSP INDICATES IDOT GBSP SPECIAL PROVISION

D1 INDICATES SPECIAL PROVISION

Note 1: The deduction will be according to Article 280.02(b)(1) Table A. The Contractor should leave the unit price value blank.

Each bid solicitation will have a contract-specific cap on the amount of Earned Credit that can be applied as a bid credit. This particular solicitation has a cap of \$250,000.00. Any credits applied above and beyond the bid earned credit cap will not be considered.

A. The base bid is to be clearly identified on Base Bid Line. Base Bid = Total Amount of Core Work + Total Amount of Contingency Work

B. ECP Bid Credit Line is to include the total amount of bid credits applied to the bid;

C. Award Criteria Line is to include the Award Criteria.

(Base Bid line minus ECP Bid credit line equals Award Criteria Line).

All Earned Credit Certificates used to arrive at the bid credit included on Bid Credit Line must be included in the original bid package. All Earned 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 ECP certificate shall not be available for inclusion in any other bid.

The Contractor shall complete all work under this Agreement for the performance of Contract No. I-18-4392 as specified in S.P. 103.1

## **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. Offers submitted without FORMS A or FORMS B shall be deemed non-responsive.

FORMS A section contains eight forms and shall be returned by Offerors that are not registered in the Illinois Procurement Gateway (IPG).

FORMS B contains three forms and shall be returned by Offerors 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-18-4392  
(Enter Tollway Contract Number)

**SUBMITTING BIDDER:**

Curran Contracting Company  
(Enter Name of Firm)

**ADDRESS:**

286 Memorial Ct  
Crystal Lake IL 60014

**STATE OF ILLINOIS**

)

)

SS

**COUNTY OF** McHenry)

The Affiant, Mike Leopardo, being first duly sworn, upon oath  
deposes and says:

1. That the Affiant is Vice President of Curran Contracting Company who is  
the Bidder on the above referenced contract by the Illinois State Toll Highway Authority, hereinafter  
"Owner" for the contract known as I-18-4392 (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.**

  
**SIGNATURE OF AFFIANT**

**SUBSCRIBED AND SWORN BEFORE ME THIS** 30 **DAY OF** November, **20** 18.

  
**NOTARY PUBLIC**



## 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.

- ☒ 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:

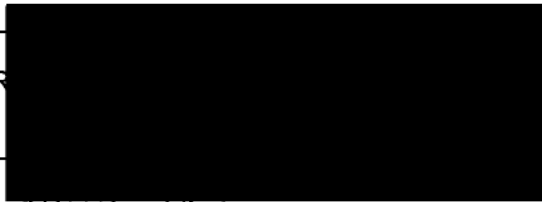
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Signature of Authorized Representative: \_\_\_\_\_



Printed Name of Authorized Representative: \_\_\_\_\_

Mike Leopardo

Vendor Name: \_\_\_\_\_

Curran Contracting Company

Date: \_\_\_\_\_

November 30, 2018



**THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY****CONTRACT NO. I-18-4392****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.

<b><u>ITEM</u></b>	<b><u>INDIVIDUAL</u></b>	<b><u>TELEPHONE NO.</u></b>	<b><u>E-MAIL</u></b>
Schedule of Prices	Nick Schram	815-455-5100	nschram@currancontracting.com
Bid Guaranty	Susan Landreth	312-288-7188	estimating@currancontracting.com
DBE 2026	Barb Bensinger	815-455-5100	bbensinger@currancontracting.com
EEO Program	Barb Bensinger	815-455-5100	bbensinger@currancontracting.com
VOSB 2026	Barb Bensinger	815-455-5100	bbensinger@currancontracting.com
Financial Disclosures Forms A or Forms B	Jim Lancaster	815-455-5100	jlanaster@currancontracting.com
IDOT Certificate of Eligibility	Jim Lancaster	815-455-5100	jlanaster@currancontracting.com
Non-Collusion Affidavit – Page R4	Nick Schram	815-455-5100	nschram@currancontracting.com

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY  
CONTRACT NO. I-18-4392

AFFIDAVIT

State of Illinois )  
County of McHenry ) SS

The undersigned, being first duly sworn, on his/her oath deposes and says:

That his/her name is Mike Leopardo, and he/she resides at

and his/her office is at 286 Memorial Ct Crystal Lake IL, That he/she makes, and is authorized to make

this affidavit on behalf of Curran Contracting Company, a  
(Name of Corporation, Partnership, etc.)

Corporation, formed under the laws of Illinois  
(Sole proprietorship, corporation, partnership, etc.) (Name of State)

of which he/she is Vice President  
(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-18-4392** 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.

(Affiant)

Sworn to before me and subscribed in my presence this 30 day of November 2018

(Notary Public)

My Commission Expires: 07/09/22



**CONTRACT NO. I-18-4392**

**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)**

<b>NAME</b>	<b>TITLE OR POSITION IN THE FIRM</b>	<b>FUNCTION ON THIS PROJECT</b>	<b>YEARS WITH THE FIRM</b>	<b>YEARS OF EXPERIENCE IN SUPERVISING THIS TYPE OF WORK</b>
SEE ATTACHED				

## SUMMARY OF QUALIFICATIONS OF CURRAN CONTRACTING COMPANY TEAM

<u>NAME OF INDIVIDUAL</u>	<u>POSITION</u>	<u>EXPERIENCE</u>	<u>TYPE OF WORK</u>	<u>CAPACITY</u>
J. Rick Noe	President	30 Years	All Types	General Manager
Michael S. Leopardo	Vice President & Manager	28 Years	Agg. Base, Bit. Paving, Milling, Recyc., & Earthwork	Estimating & Proj. Mgr.
Marc J. Frame	Vice President & Manager	39 Years	Agg. Base, Bit. Paving, Milling & Recycling	Estimating & Proj. Mgr.
Mike Pachla	Vice President	23 Years	Excavation, etc.	Excavation Division
Nick Schram	Vice President	17 Years	Excavation, etc.	Excavation Div. & GPS
Jeff Hammes	General Supt.	38 Years	All Types	Operations
Brad Quinn	General Supt.	21 Years	All Types	Operations
Randy Roewer	General Supt	32 years	All Types	Operations
Mike May	Project Supt.	41 Years	All Types	Excavation Division
Ed Muncie	Safety/Risk Manager	21 Years	All Types	Curran Gorup Safety Mgr
Jairus Camarena	Proj Mgr/LEED Cert	11 Years	Demolition, excavation etc	Excavation & Green Envrmt
Joe Francis	Senior Proj Mgr	31 Years	All types	Operations
Jon Poff	Proj Mgr	20 Years	All types	Operations
Barb Bensinger	Asst Proj Mgr	11 Years	All types	Operations
Jeff Pennino	Senior Estimator	32 years	All types	Operation

## 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.

[illegible]

# Equipment Owned

6/6/2018

Quantity	Unit	Description, Size, Capacity Etc.	Manufacturer	Year of MFR	Your I.D. No. or Code
		DOZER - CAT D6N	Caterpillar	2008	01-0801
		DOZER - CAT D6N	Caterpillar	2011	01-1101
		DOZER - JD 650J XLT	John Deere	2007	01-0701
		DOZER - JD 700J XLT	John Deere	2007	01-0702
		DOZER - JD 850J	John Deere	2009	01-0901
		DOZER - JD 750K LT, 155 HP	John Deere	2014	01-1402
		DOZER - JD 750K	John Deere	2015	01-1506
		DOZER-JD 850K CRLR	John Deere	2015	01-1508
		BUS - BLUE BIRD	Blue Bird	2002	05-0201
		JD 160 Excavator	John Deere	2012	07-1211
		EXCAVATOR - CAT 328, 1.6 CY	Caterpillar	2012	07-1202
		EXCAVATOR - CAT 336EL, 1.6 CY	Caterpillar	2013	07-1307
		EXCAVATOR - JD 270D LC, 1.8 CY	John Deere	2007	07-0702
		EXCAVATOR - JD 225C LC, 1.1 CY	John Deere	2007	07-0701
		BROOM - POWER - BROCE RJ350	Broce	2011	08-1101
		WHEEL LOADER - CAT 924K 2.5CY(2)	Caterpillar	2014	10-1405
		WHEEL LOADER - JD 544J, 3 CY	John Deere	2006	10-0604
		WHEEL LOADER - JD 544G, 2.5 CY	John Deere	1995	10-9501
		TRACK LOADER - JD 755C, 4 CY	John Deere	2006	10-0603
		WHEEL LOADER - CAT 980G, 7 CY	Caterpillar	2004	10-0401
		WHEEL LOADER - JD 844J, 7 CY	John Deere	2006	10-0601
		WHEEL LOADER - JD 844K	John Deere	2014	10-1402
		WHEEL LOADER - CAT 980G, 7 CY	Caterpillar	1999	10-9902
		LOADER SKIDSTEER - CAT 272C	Caterpillar	2011	11-1102
		LOADER SKIDSTEER - CAT 272C	Caterpillar	2012	11-1203
		LOADER SKIDSTEER - CAT 262C	Caterpillar	2012	11-1205
		LOADER SKIDSTEER - CAT 262C	Caterpillar	2012	11-1206
		LOADER SKIDSTEER - CAT 272D	Caterpillar	2013	11-1301
		LOADER COMPACT TRACK - CAT 279D	Caterpillar	2015	11-1504
		LOADER COMPACT TRACK - CAT 259B3	Caterpillar	2012	11-1202
		LOADER COMPACT TRACK - CAT 279C2, 82 HP	Caterpillar	2013	11-1306
		GRADER - JD 672D	John Deere	2007	25-0701
		GRADER - JD 772CH	John Deere	1999	25-9901
		TRAILER - PRIME BUGGY	Mauldin	2008	27-1102
		TRAILER - PRIME BUGGY	Mauldin	2011	27-1204
		TRAILER - LOWBOY	Etnyre	2005	27-0502
		TRAILER - LOWBOY	Etnyre	2010	27-1001
		55 TON 3 AXLE AIRRIDE LOWBOY TRAILER	Talber	2017	27-1701
		MILL - WIRTGEN W150	Wirtgen	2010	31-1001
		PAVER - RUBBER TIRE, CAT AP-600D, 8ft	Caterpillar	2012	32-1201
		PAVER - RUBBER TIRE, CAT AP-1000F	Caterpillar	2015	32-1503
		PAVER - RUBBER TRACK, TRACK - AP-1055D, 10ft	Caterpillar	2007	32-0701
		ROLLER - R2H-1 3 WHEEL SAKAI	Sakai	2006	33-0608
		ROLLER - STATIC, R2H, 22"/43", 3 WHEEL	Sakai	2007	33-0703
		ROLLER - VIBE, CAT CB214E, 39"	Caterpillar	2004	33-0401
		ROLLER - VIBE, IR DD24 49"	Ingersol Rand	2006	33-0602
		ROLLER - VIBE, HAMM HD12, 47"	Hamm	2007	33-0701
		ROLLER - VIBE, CAT CB-24 47"	Caterpillar	2011	33-1101
		ROLLER - VIBE, CAT CB-24 47"	Caterpillar	2011	33-1103
		ROLLER - VIBE, CAT CB-34 51"	Caterpillar	2011	33-1102
		ROLLER - VIBE, CAT CB-34 XW 55"	Caterpillar	2011	33-1104
		ROLLER - VIBE, CAT CB-34 51"	Caterpillar	2011	33-1105
		ROLLER - VIBE, CAT CB-54 67"	Caterpillar	2011	33-1106
		ROLLER - VIBE, CAT CB-54 67"	Caterpillar	2011	33-1107



	ROLLER - VIBE, CAT CB-54 67"	Caterpillar	2011	33-1108
	ROLLER - VIBE, SAKAI SW-850-2 84"	Sakai	2009	33-0901
	ROLLER - VIBE, SAKAI SW-850-2 84"	Sakai	2010	33-1001
	ROLLER - VIBE, SAKAI SW-850-2 84"	Sakai	2010	33-1002
	ROLLER - STATIC, HYPAC C350D, 60"	Hypac	2008	33-0801
	ROLLER - STATIC, HYPAC C350D, 60"	Hypac	2008	33-0802
	ROLLER - BASE, HAMM 3412, 84"	Hamm	2003	33-0302
	ROLLER - BASE, HAMM 3410, 84"	Hamm	2006	33-0606
	ROLLER - BASE, HAMM H11ix, 84"	Hamm	2015	33-1510
	ROLLER - BASE, HAMM H11ix, 84"	Hamm	2015	33-1511
	ROLLER - BASE, IR SD100D 84"	Ingersol Rand	1994	33-9402
	ROLLER - BASE, IR SD100D 84"	Ingersol Rand	1998	33-9801
	TRUCK - DUMP, GMC 4500	GMC	2003	36-0302
	TRUCK - DUMP, FORD F-450 XL SUPER DUTY	Ford	2007	36-0708
	TRUCK - DUMP, FORD F-550 RIGID SIDE	Ford	2013	36-1304
	TRUCK - MECHANICS, CHEVY	Chevrolet	2000	36-0012
	TRUCK - MECHANICS, FORD F750	Ford	2006	36-0606
	TRUCK - MECHANICS, FORD F550	Ford	2008	36-0808
	TRUCK - FORD F250	Ford	2004	03-0401
	TRUCK - PICK-UP, FORD F-250	Ford	2004	36-0402
	TRUCK - PICK-UP, FORD RANGER	Ford	2006	36-0601
	TRUCK - PICK-UP, FORD RANGER	Ford	2009	36-0901
	TRUCK - PICK-UP, FORD F-250	Ford	2011	36-1101
	TRUCK - PICK-UP, FORD F-350	Ford	2012	36-1202
	TRUCK - PICK-UP, FORD F-350	Ford	2012	36-1204
	TRUCK - PICK-UP, FORD F-350	Ford	2012	36-1205
	TRUCK - PICK-UP, CHEVY 2500HD	Chevrolet	2015	36-1501
	TRUCK - PICK-UP, CHEVY 2500HD	Chevrolet	2015	36-1502
	TRUCK - PICK-UP, CHEVY 2500HD	Chevrolet	2015	36-1503
	TRUCK - PICK-UP, CHEVY 2500HD	Chevrolet	2015	36-1505
	TRUCK - GMC SIERRA	Chevrolet	2015	36-1513
	TRUCK - PICK-UP, GMC 2500HD	GMC	2017	36-1705
	TRUCK - PICK-UP, CHEVY K2500 W/ PLOW	Chevrolet	2008	36-0801
	TRUCK - PICK-UP, CHEVY K2500 W/ PLOW	Chevrolet	2009	36-0902
	TRUCK - PICK-UP, GMC 2500	GMC	2009	36-0905
	TRUCK - SEMI, MACK CH613	Mack	2001	36-0102
	TRUCK - SERVICE, PETERBUILT	Peterbuilt	2007	36-0707
	TRUCK - SEMI, KENWORTH T800	Kenworth	2014	36-1404
	TRUCK - SEMI, KENWORTH T800	Kenworth	2014	36-1405
	TRUCK - SERVICE, INTERNATIONAL	International	2000	36-0004
	TRUCK - SERVICE, INTERNATIONAL	International	2000	36-0016
	TRUCK - SERVICE, INTERNATIONAL	International	2000	36-0018
	TRUCK - PATCH, INTERNATIONAL, TANDUM	International	2000	36-0003
	TRUCK - WATER, INTERNATIONAL, 1600 GAL	International	2000	36-0013
	TRUCK - WATER, FREIGHTLINER, 2500 GAL	Freightliner	2000	36-0017
	TRUCK - WATER, INTERNATIONAL, 3000 GAL	International	2000	36-0020
	TRUCK - WATER, INTERNATIONAL, 1600 GAL	International	1999	36-9913
	TRUCK - UTILITY, CHEVY C3500	Chevrolet	2008	36-0806
	TRUCK - UTILITY, CHEVY C3500	Chevrolet	2008	36-0809
	TRUCK - UTILITY, CHEVY C3500	Chevrolet	1999	36-9917
	AIR COMPRESSOR - IR 185CFM	Ingersol Rand	2009	46-0901
	AIR COMPRESSOR - IR P185C	Ingersol Rand	1991	46-9101
	AIR COMPRESSOR - ATLAS COPCO XAS-185	Atlas Copco	2011	46-1101
	AIR COMPRESSOR - ATLAS COPCO XAS-185	Atlas Copco	2011	46-1102
	MILL SKIDSTEER	Universal	2006	48-0601
	MILL SKIDSTEER	Universal	2008	48-0813
	Elgin Eagle Sweeper	Elgin	20073	48-0713
	BROOM - BOBCAT 72"	Bobcat	2010	48-1022
	BROOM - BOBCAT 60"	Bobcat	2011	48-1105

		SHUTTLE BUGGY - ROADTEC SB2500D	Roadtec	2006	52-0601
		ROAD WIDENER - BG BG-730	Barber Green	1992	56-9201

## PLANT AND EQUIPMENT QUESTIONNAIRE

List the equipment which you intend to rent or lease for this contract if awarded to you.

[illegible]

## PLANT AND EQUIPMENT QUESTIONNAIRE

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.

[illegible]

**CONTRACT NO. I-18-4392****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
Electrical	TBD	TBD	1,662,481	Aldridge Electric
Sewer	TBD	TBD	1,569,963	Viridian
Traffic Control	TBD	TBD	361,713	TCP
Landscaping	TBD	TBD	852,559	Del Toro
QC	TBD	TBD	215,000	Interra
Fence	TBD	TBD	455,776	Industrial Fence
Concrete	TBD	TBD	4,087,732	Sjostrom

**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.

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CONTRACT NO. I-18-4392

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 ☒ NO ☐

6. DOCUMENT REFERENCE

In preparing your Bid did you have available for reference the following contract documents?

The Special Provisions

YES ☒ NO ☐

The Contract Plans

YES ☒ NO ☐

The IDOT Standard Specifications  
and Tollway Supplemental Specifications,  
latest edition as referenced in S. P. 101

YES ☒ NO ☐

Dated at \_\_\_\_\_ this 30 day of November, 2018.

Curran Contracting Company

By

Vice President

Title of Person Signing

STATE OF Illinois )

COUNTY OF McHenry )

Mike Leopardo being duly sworn deposes and says that he/she is Vice President

of the above Curran Contracting Company 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 30 day of November, 2018.

Notary Public

My Commission Expires: 07/09/22





**CONTRACT NO. I-18-4392****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
17-00466-00-RS	McHenry Township	128,000		12/15/18
02-018	County of Kane	1,797,682		8/30/19
	Coast Oak Group	757,717		10/31/19

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
Ryan Companies	Surgery Partners	249,596		7/1/19
Altounian	Willow Creek Huntley	583,656		7/31/19
DeKalb Santuary Dist	DeKalb Sant Dist	290,000		11/23/19

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.

Curran Contracting Company

BIDDER  
11/30/18

DATE

SUB-CONTRACTOR

  
 Leopardo SIGNATURE

SUB-CONTRACTOR

 Vice President  
 TITLE

**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 24% 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 proposal 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](mailto: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](mailto: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 proposal 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 proposal; 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.





Date: 11/30/2018  
 To: Contact Name: Barb Bensinger  
 Contractor Company Name: Curran Contracting Company  
 From Lynnette Robinson  
 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: <b>DBE Plan Review</b>	<b>Date Original Plan Submitted:</b> 11/30/2018	<b>Revision #</b> 1
<b>Contract #</b> I-18-4392	<b>Established DBE Goal:</b> 24.00 %	
<b>Contract Description:</b> Interchange Construction - Jane Addams Memorial Tollway (I-90) at Illinois Route 23 (IL 23)		

[ 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			\$19,456,221.49						
D/M/WBE Firm Name	Status (SB/Sup/TK)	Type	Scope	Contract Amount	Credit Amount	Credit %	Certifying Agency	Gender	Ethnicity
Del Toro Landscaping, Inc.	SB	D/MBE	Landscaping	\$852,558.91	\$852,558.91	4.38 %	IDOT	M	Hispanic
DND Electric, Inc	SB	D/MBE, VOSB	Electrical	\$1,598,778.00	\$1,598,778.00	8.21 %	CMS	M	Hispanic
Interra Inc.	SB	D/MBE	Quality Representatiave	\$215,000.00	\$215,000.00	1.10 %	City of Chicago	M	Asian Indian
MIDCO Electric Supply, Inc.	Supplier	D/WBE	Electric Supplier	\$106,172.05	\$63,703.23	0.32 %	IDOT	F	Caucasian
MTC Moreno's, Inc.	Trucker	DBE	Trucking	\$15,000.00	\$15,000.00	0.07 %	IDOT	M	Hispanic
R A Seaton Contractor Services, LLC	Trucker	DBE	Trucking	\$15,000.00	\$15,000.00	0.07 %	IDOT	F	Caucasian
Sanco Traffic Control	SB	DBE	Traffic Control	\$312,117.70	\$312,117.70	1.60 %	IDOT	M	Hispanic
Sanco Traffic Control	Supplier	DBE	Pavement Marking Supplier	\$64,719.32	\$38,831.59	0.19 %	IDOT	M	Hispanic
Viridian Enterprises, Inc.	SB	DBE	Sewer & Structures	\$1,569,963.35	\$1,569,963.35	8.06 %	IDOT	M	Hispanic
<b>Total # of subcontracts: 9</b>				<b>TOTAL</b>	<b>\$4,749,309.33</b>	<b>\$4,680,952.78</b>	<b>24.05 %</b>		
<b>Total # of subcontractors: 8</b>				<b>Total %</b>	<b>24.41 %</b>	<b>24.05 %</b>			

ILLINOIS STATE TOLL HIGHWAY AUTHORITY  
DBE FORM 2026 - UTILIZATION PLAN

PRIME CONTRACTOR: Curran Contracting Co.

CONTACT NAME: Barb Bensinger

CONTACT PHONE NUMBER: 224-828-3416

CONTACT E-MAIL: bbensinger@currancontracting.com

CONTRACT NUMBER I-18-4392

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@gotpass.com](mailto:constructionbid@gotpass.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.
Viridian Enterprises	Sewer and structures	\$ 1,569,463.35
Interra	Quality Representative	\$ 215,000.00
DND	Electrical supplier	\$ 1,598,778.00
Midea	Electrical supplier	\$ 63,703.23
Sanco Traffic Control	Pavement Marking supplier	\$ 38,831.59
Sanco Traffic Control	Traffic Control	\$ 312,117.70
RA Sexton Contractor Services	Trucking	\$ 15,000.00
MTC Moreno's	Trucking	\$ 15,000.00
Del Toro		\$ 852,558.91
	TOTAL	\$ 4,680,952.78

For ebid: the submission of Form 2026  
For hardcopy: signature required.  
Form 2026 - 03/2018

(Rev 04/2018)

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Contract No 1-18-4392



Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT # I-18-4392

 DBE FIRM NAME: Del Toro Landscaping, Inc.  
 DBE FIRM TYPE: ☒ DBE ☐ MBE ☐ WBE ☐ SBA W(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@getpass.com](mailto:constructionbid@getpass.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 (Include who will furnish only, or both furnish and install)	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT (\$)	CHECK IF SUPPLIER	TOTAL ORDERED AMOUNT (\$) (Include to 60% of contract amount if firm is a SUPPLIER)
**	Per attached landscape and erosion control proposal dated 11-30-2018 in the amount of:					\$852,558.91
TOTALS FOR THIS DBE FIRM:						\$852,558.91

\*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 #16671010, 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 thereon 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 Provisions for DBE Participation and can subject the contractor to contract sanctions.

Signature for Prime Contractor

Title

Date

Contract:

Firm Name:

E-mail:

Phone:

Address:

Project Mgr Nov 30 2018

Juris Camarena

Curran Contracting Company

estimating@currancontracting.com

815-455-5100

286 Memorial Ct Crystal Lake IL 60014

Signature for DBE Contractor

Title

11-30-2018

Date

Contract: Scott Knollenberg

Firm Name:

Del Toro Landscaping, Inc.

E-mail:

info@deltorolandscaping.com

Phone:

847-426-7200

Address:

18N061 Galligan Road, Dundee IL, 60118

(Rev 04/2018)

FORM 2025 DBE PARTICIPATION STATEMENT FORM, PART 2

DBE - 13

CONTRACT #

Contract No I-18-4392



18N061 GALLIGAN ROAD  
DUNDEE, IL 60118  
847-426-7200 / FAX: 847-426-0459  
info@deltorolandscaping.com

# Landscape Items Proposal

November 30, 2018  
Revised

ISTHA Contract No. I-18-4392  
INTERCHANGE CONSTRUCTION JANE ADDAMS MEMORIAL TOLLWAY (I-90) AT ILLINOIS ROUTE 23 (IL 23)  
McHenry County(ies)

Early 2019 through Fall 2019 Installation

ITEM NO.	ITEM DESCRIPTION	Prices Quoted Effective To 1/28/19			BID AMOUNT
		QUANTITY	UOM	UNIT PRICE	
25000400	NITROGEN FERT NUTR	1,725.000	POUND	2.00	3,450.00
25000600	POTASSIUM FERT NUTR	5,175.000	POUND	2.00	10,350.00
25100630	EROSION CONTROL BLANKET	84,232.000	SQ YD	1.30	109,501.60
28000250	TEMP EROS CONTR SEED	28,142.000	POUND	0.01	281.42
28000305	TEMPORARY DITCH CHECKS	920.000	FOOT	4.00	3,680.00
28000400	PERIMETER EROS BAR	11,986.000	FOOT	2.25	26,968.50
28000500	INLET & PIPE PROTECT	3.000	EACH	500.00	1,500.00
28000510	INLET FILTERS	57.000	EACH	150.00	8,550.00
28500400	ARTICULATED BLOCK REVETMENT MAT	2,027.000	SQ YD	150.00	304,050.00
JS250220	SEEDING, CLASS 2E	20.500	ACRE	2,500.00	51,250.00
JS250314	SEEDING, CLASS 4B	10.900	ACRE	3,100.00	33,790.00
JS250318	SEEDING, CL 4F	30.700	ACRE	2,750.00	84,425.00
JS250320	SEEDING, CL 5	30.700	ACRE	3,400.00	104,380.00
JS250324	SEEDING, CL 5B	10.900	ACRE	3,300.00	35,970.00
JS280050	SILT FENCE	13,298.000	FOOT	2.25	29,920.50
JS280051	RE-ERECT SILT FENCE	2,663.000	FOOT	0.50	1,331.50
JS280100	SUPER SILT FENCE	175.000	FOOT	15.00	2,640.00
JS280120	TREE PROTECTION	890.000	FOOT	3.00	2,670.00
JS280150	TEMP STABIL W STRAW MULCH	39.250	ACRE	0.01	0.39
JS280210	FILTER FABRIC INLET PROTECTION, BASKET TYPE	20.000	EACH	150.00	3,000.00
JS280305	TEMPORARY DITCH CHECKS	605.000	FOOT	4.00	2,420.00
JT280510	FLOC LOG	27.000	EACH	90.00	2,430.00
A2004716	T-GLAD TRI-H SM 2	20.000	EACH	500.00	10,000.00
A2006512	T-QUERCUS BICOL 1-1/2	20.000	EACH	500.00	10,000.00
A2008712	T-QUERCUS MACR 1-1/2	20.000	EACH	500.00	10,000.00

## DBE QUALIFIED

Total

\$ 852,558.91

IDOT Registration No: 13854 FEIN #36-3597188 IPG Registration No: 20061037  
WE ARE A CERTIFIED DBE BUSINESS FOR LANDSCAPE, EROSION CONTROL, AND EXCAVATION.  
WE ARE A SIGNATORY WITH LOCALS 150 AND 703.

	QTY	UOM	UNIT PRICE	ADD
**ADD ALTERNATE: ITEM J1211110 - TOPSOIL PLACEMENT ONLY (PARTIAL PAY ITEM) INCLUDES LOADING, HAULING, AND RESPREADING TOPSOIL FROM ON-SITE. EXCAVATION FOR TOPSOIL PLACEMENT IS NOT INCLUDED. REMOVAL OF EXISTING TURF IS NOT INCLUDED. SUBGRADE TO WITHIN .1 FOOT BY OTHERS.	23,789.00	CY	\$ 10.00	\$ 237,890.00

ALL WORK IS GUARANTEED TO BE AS SPECIFIED. ALL WORK TO BE COMPLETED IN A WORK-MAN-LIKE MANNER ACCORDING TO STANDARD PRACTICES.  
ANY ALTERATION OR DEVIATION FROM ABOVE SPECIFICATIONS INVOLVING EXTRA COSTS WILL BE EXECUTED ONLY UPON WRITTEN REQUEST,  
AND WILL BECOME AN EXTRA CHARGE OVER AND ABOVE THE ESTIMATE. ALL AGREEMENTS CONTINGENT UPON STRIKES, ACCIDENTS OR DELAYS  
BEYOND OUR CONTROL. THE COVERAGE AND LIMITS CONFORM TO THE MINIMUM REQUIRED BY ARTICLE 107.27 OF THE STANDARD SPECIFICATIONS  
FOR ROAD AND BRIDGE CONSTRUCTION. ADDITIONAL COVERAGE TO BE PAID BY GENERAL CONTRACTOR.  
PERFORMANCE OR MAINTENANCE BONDS ARE NOT INCLUDED.

Respectfully Submitted,

Del Toro Landscaping, Inc.

Scott Knollenberg

## Certification: View

## Certification List

## Vendor Information

Business Name	Del Toro Landscaping, Inc.
VendorID	20061037
Primary Owner's Name	Mr. Raul Del Toro
Company Type	Corporation
Ethnic Group	Hispanic/Latino
Gender	Male

## Certification Information

Certifying Agency	City of Chicago
Certification Type	MBE - Minority Business Enterprise
Effective Date	5/22/2018
Renewal Date	5/1/2019

## Contact Information

Main Company Email	elsa@deltorolandscaping.com
Main Phone	847-426-7200 Ext. 000
Main Fax	847-426-0459
Main Company Website	<a href="http://deltorolandscaping.com">http://deltorolandscaping.com</a>

## Addresses

Physical Address	18N061 Galligan Rd. Dundee, IL 60118
Mailing Address	18N061 Galligan Rd. Dundee, IL 60118

## Business Capabilities

Business certified for	NAICS 561730 Hydroseeding services (e.g., decorative, erosion control purposes) (More) NAICS 561730 Landscape contractors (except construction) (More) NAICS 561730 Landscape installation services (More) NAICS 561730 Lawn care services (e.g., fertilizing, mowing, seeding, spraying) (More) NAICS 561730 Shrub services (e.g., bracing, planting, pruning, removal, spraying, surgery, trimming) (More) NAICS 561730 Sod laying services (More) NAICS 561730 Tree services (e.g., bracing, planting, pruning, removal, spraying, surgery, trimming)
Full Description of Capabilities/Products	NAICS 561730 Hydroseeding services (e.g., decorative, erosion control purposes) (More) NAICS 561730 Landscape contractors (except construction) (More) NAICS 561730 Landscape installation services (More)



CONTRACT NO. 1-18-4392



DND Electric, Inc.

PRIME	JV PARTNER	SECOND CONTRACTOR	TRUCKER	SUPPLIER	MANUFACTURER
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DBE CONTRACTOR	TER 1 GOVT TO PMING	Y	TER 2 DBE BELOW	N	UNDER CONTRACT TO	Aldridge Electric, Inc.
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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 to apparent bidder to construction@istha.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.

DBE FIRM NO.	DBE FIRM NAME	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT (\$)	CHECK OFF SUPPLIER	TOTAL DBE CREDIT AMOUNT (\$)
	"SEE ATTACHED Audit"			1,598,778.00		1,598,778.00
TOTALS FOR THIS DBE FIRM:				1,598,778.00		1,598,778.00

\*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 8557.010, 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. COMMENTS: 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 thereon must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not submit 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

David Moya 11/26/18

Date

Contractor

David Delgado

Date

Prime Contractor

Curran Contracting Company

Date

E-mail

currancontracting.com

Date

Phone

815-435-5100

Date

Address

286 Memorial Ct Crystal Lake IL 60014

Date

Signature for DBE Contractor

David Delgado 11/30/2018

Date

Contractor

David Delgado

Date

Prime Contractor

DND Electric, Inc.

Date

E-mail

dnd@dndelectric.com

Date

Phone

630-583-0933

Date

Address

1111 E Touhy Ave Des Plaines, IL 60018

Date



1111 EAST TOUHY AVE. DES PLAINES IL, 60018  
PH: 630-585-0933 FAX: 630-585-0314

INTERCHANGE RECONSTRUCTION JANE ADDAMS I-90 AT IL RT 23

PROJECT:

Contract No. I-18-4392  
DUE DATE: 11/30/2018  
NOTE: Quotation Firm for 30 Days

Contact: Jorge Castellon  
Phone: 630-428-1935

Pay Item	Description	UM	UNIT	Unit Price	Total
JS821100	LUMINAIRE, LED, HORIZONTAL MOUNT	EACH	60.00	\$ 622.20	\$ 37,332.00
JS830003	GROUND MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 15 FT. MAST ARM	EACH	60.00	\$ 2,949.30	\$ 178,958.00
JT131524	ELECTRICAL WORK	L SUM	1.00	\$ 13,370.00	\$ 13,370.00
JT131527	PLAZA ELECTRICAL WORK, LOCATION 1	L SUM	1.00	\$ 399,643.00	\$ 399,643.00
JT131528	PLAZA ELECTRICAL WORK, LOCATION 2	L SUM	1.00	\$ 179,061.00	\$ 179,061.00
JT131529	PLAZA ELECTRICAL WORK, LOCATION 3	L SUM	1.00	\$ 178,349.00	\$ 178,349.00
JT131641	PREFABRICATED CONTROL BUILDING, LOCATION 1	L SUM	1.00	\$ 182,247.00	\$ 182,247.00
JT131642	PREFABRICATED CONTROL BUILDING, LOCATION 2	L SUM	1.00	\$ 121,380.00	\$ 121,380.00
JT131643	PREFABRICATED CONTROL BUILDING, LOCATION 3	L SUM	1.00	\$ 121,380.00	\$ 121,380.00
JT132701	VES CAMERA HIGH PRESSURE WASH SYSTEM, LOCATION 1	L SUM	1.00	\$ 63,686.00	\$ 63,686.00
JT132702	VES CAMERA HIGH PRESSURE WASH SYSTEM, LOCATION 2	L SUM	1.00	\$ 63,686.00	\$ 63,686.00
JT132703	VES CAMERA HIGH PRESSURE WASH SYSTEM, LOCATION 3	L SUM	1.00	\$ 63,686.00	\$ 63,686.00
Total Bid:					\$ 1,598,778.00

SCOPE NOTES:

- 1 DND Acknowledge Addenda 1
- 2 DND Quote provides 100% participation for DBE or VOSB
- 3 Protective Crash Trucks are Excluded, to be Provided by Others.
- 4 Utility Locate via Potholing, Hydro Vac and or Trench Excavation is excluded,
- 5 DND will require it to be performed by others prior to performing Electrical scope, under the appropriate pay items for the job.
- 6 Coordination with Utility companies and ComEd to be done by others.
- 7 Coordination with other contracts and contractors to be done by others.
- 8 Restoration is Excluded for entire site, to be done by others.
- 9 Survey Layout is Excluded, to be done by Others.
- 10 Spoil removals is Excluded, to be done by others.
- 11 Coordination with Com Ed is excluded
- 12 Payment Terms - NET 30 after Approved Quantities per Monthly Pay estimates
- 13 Site Access to be provided by Others.
- 14 Traffic Control and Protection / Lane Closures are Excluded. To be provided by Others.

GENERAL EXCLUSIONS WERE APPLICABLE:

- 1 All Saw Cutting and Core Drilling
- 2 Temporary Power and or Communication work
- 3 Hazardous Waste Handling, Removal, or Testing
- 4 Clearing and Grubbing
- 5 Landscaping/Restoration
- 6 Spoil Removal
- 7 Layout
- 8 QC/QA Testing

NOTES:

Our bid is conditioned on the execution of a mutually- acceptable contract.



DEPARTMENT OF PROCUREMENT SERVICES  
CITY OF CHICAGO

DEC 5 2017

Mr. David DeLeon  
DND Electric, Inc.  
1111 E. Touhy Ave., Suite 260  
Des Plaines, IL 60018

Dear David DeLeon:

The City of Chicago has reviewed your annual *No Change Affidavit* and supporting documentation and is pleased to inform you that your firm, **DND Electric, 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 on **December 1, 2018**.

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)**

**238210 – Electrical Contractors**

**237130 – Fiber Optic Cable Transmission Line Construction**

**237130 – Pole Line Construction**

**237130 – Substation and Switching Station, Power Transmission Line, Construction**

**237130 – Transformer Station and Substation, Electric Power, Construction**

**237130 – Underground Cable (e.g., cable television, electricity, telephone) Laying**

**237130 – Utility Line (i.e., communication, electric power), 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>.

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,

A large black rectangular redaction box covering the signature of Rich Butler.

Rich Butler  
First Deputy Procurement Officer

RB/se

Handwritten initials or a signature in the bottom right corner of the page.

CONTRACT # **I-18-4392**

DBE FIRM NAME: **Interra Inc.**  
 CIRCLE ALL THAT APPLY: DBE ☒ MBE ☐ WBE ☐ SBA 8(a) ☐

CHECK ALL THAT APPLY:  
 PRIME ☐ JV PARTNER ☐ SUBCONTRACTOR ☒ TRUCKER ☐ SUPPLIER ☐ MANUFACTURER ☐

SMALL BUSINESS: TIER 1 (SUB TO PRIME) ☒ TIER 2 OR BELOW ☐ 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@getpass.com](mailto:constructionbid@getpass.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 80% of contract amount if firm is a SUPPLIER)
JT155001	Contractor's Quality Program * See Rate Sheet					
TOTALS FOR THIS DBE FIRM:						215,000.00

\*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.

**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 thereon 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 result in disqualification.

Signature for Prime Contractor: [Signature] Title: V.P. Date: 11/21/18  
 Company: Alkal Powder  
 Firm: Cayan Contracting  
 Email: Estimate@cayancontracting.com  
 Phone: 815-435-6150  
 Address: 289 Marshall Ct. Crystal Lake, IL 60014

Signature for DBE Contractor: [Signature] Title: President Date: 11/21/18  
 Company: Sanjean Randi  
 Firm: Interra Inc  
 Email: Sbandi.C.interra.com@comcast  
 Phone: 630-754-8700  
 Address: 600 Territorial Drive Suite 6, Bolingbrook, IL 60440



DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4392
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OWE FIRM NAME:	Interra Inc.			
CIRCLE ALL THAT APPLY:	Doc <input checked="" type="checkbox"/>	MBS <input type="checkbox"/>	WIS <input type="checkbox"/>	SBA R(A) <input type="checkbox"/>

CHECK ALL THAT APPLY:

PRIME \_\_\_\_\_ TV PARTNER \_\_\_\_\_ SUBCONTRACTOR ☒ TRUCKER \_\_\_\_\_ SUPPLIER \_\_\_\_\_ MANUFACTURER \_\_\_\_\_

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	TIER 2 OR BELOW: <input type="checkbox"/> Y <input type="checkbox"/> N	UNDER CONTRACT TO:
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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@getpass.com](mailto:constructionbid@getpass.com).

If additional space is needed, complete an additional form(s) for the firm or attach a spreadsheet on DBE firm letterhead.

[illegible]

\*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.

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 therefor 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

Signature for Prime Contractor

Conductor: **Milo Pechin**

From: [GovernsContract@comcast.net](mailto:GovernsContract@comcast.net)Email: [Estimate@yourcontracting.com](mailto:Estimate@yourcontracting.com)

Phone: 815-455-5150

Address: 285 Memorial Ct. Crystal Lake, IL 60014

ASTHA DBE Form 2025 TEMPLATE 04/30/25

Signature for DLE Contractor

CONTACT: Farjeen Raza

NAME: Interira Inc

Email: Shandi @ intern.review.com

Phone: 630-754-8700

Address: 600 Territorial Drive Suite 6, Bolinas, CA

6044C





## Cost Estimate For Geotechnical Services

Proposal No.: I-18-4392

Date: 11/30/2018

### I-18-4392 IL-23 Interchange construction

Task Description	Unit	Quantity	Unit Price	Extended Cost
<b>Coordination &amp; Project Management</b>				
Project Coordination and Management	LS	1.00	\$ 750.00	\$ 750.00
				\$ 750.00
<b>Drilling, Sampling &amp; In-Situ Testing</b>				
Mobilization & Soil Drilling (2 borings at 60.0 feet each at Ramp C Sign Foundation, 4 borings at 20.0 feet at Ramp C & D Plaza Bldg foundation)	LS	1	\$ 8,000.00	\$ 8,000.00
Field Engineer/Geologist	LS	1	\$ 2,000.00	\$ 2,000.00
				\$ 10,000.00
<b>Laboratory Testing</b>				
Moisture Content and Penetrometer Tests	Each	60	\$ 15.00	\$ 900.00
				\$ 900.00
<b>Report</b>				
Geotechnical Report	Lumpsum	1	\$ 3,350.00	\$ 3,350.00
				\$ 3,350.00
Total Budget Estimate				\$ 15,000.00

#### Notes:

The above rates are valid until 12/31/2019.

It is assumed that all utilities will be cleared by the client.

It is assumed that no special permits or insurance are required for accessing the boring locations (Railroad, ComEd etc.)

Surveying is not included in the scope of work. Borings must be located in the field and surface elevations should be provided by the client.

Ground restoration is not included in the scope of work.

**INTERRA**  
Engineering • Technology • Service

Interra, Inc.

600 Territorial Drive, Suite G, Bollingbrook, IL 60440

Tel: (630)754-8700 Fax: (630)754-8705

**Attachment A, Unit Rates****ISTHA Contract No. - I-18-4392 (Rt. 23 Interchange)****Date Submitted to Curran Contractor: 11/20/2018****Bid Opening Date: 11/30/2018****Fees for Tasks**

Field Technician	Per Hour	\$117.00
- For HMA, PCC, Aggregates, Soils		
CQP Field Inspector	Per Hour	\$117.00
Reporting PCC/Soils into IMIRS	Per Hour	\$90.00
- will be charged if prepared by office personnel		
Vehicle	Daily	\$65.00
Project Manager	Per Hour	\$135.00

**Various Laboratory Testing Rates**

Compressive Strength of PCC Cylinders (6" x 12")	Each	\$25.00
PGE Gradation	Each	\$400.00
Wash Gradations (PCC Aggregates, Soil Hydrometer)	Each	\$150.00
Soil Analysis (Class, Proctor, Limits, Org. Content)	Each	\$450.00

**Various Field Testing Rates**

Nuclear Gauge Rental	Daily	\$0.00
Sample Pick-Up (Cylinders, Aggregate, Soil)	Per Trip	\$100.00

**Notes:**

- Time exceeding 8.0 work hours & Saturday work will be charged at overtime rate of \$146.25 per Hr (1.25 times).
- Sundays will be charged at \$175.5 per/Hr (1.5 Times).
- Night Shift hours will be charged at \$146.25 per Hour.
- Union (Local 150) technicians will be provided.
- All times are from portal to portal.
- Payment Terms: Net 30 Days from date of Invoice.
- No plant and lab testing for HMA only field testing
- Above mentioned unit rates are applicable for above project until December 31, 2019.



Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2/2

I-18-4392

Midco Electric Supply

DBE MSE WBE SBA (A)

PRIME \_\_\_\_\_ JV PARTNER \_\_\_\_\_ SUBCONTRACTOR \_\_\_\_\_ TRUCKER \_\_\_\_\_ SUPPLIER \_\_\_\_\_ MANUFACTURER \_\_\_\_\_

TIER 1 (SUB TO PRIME): Y ☒ N TIER 2 OR BELOW: Y ☒ N UNDER CONTRACT TO: Aldridge Electric, Inc.

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	DBE Goal	DBE Participation	DBE Goal	DBE Participation
TOTALS FOR THIS DBE FIRM:			\$106,172.05	\$63,703.23

\*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 #J5671010, 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 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

Date:

Contact:

Phone:

Firm Name:

Address:

Title

Signature for DBE Contractor

Date: 11/29/18

Contact: Diane Quinlan

Phone: 708.569.7777

Firm Name: Midco Electric Supply

Address: 7237 W. 90th Place Bridgeview, IL 60455

President

Title



## Midco Electric Supply

Certified: WBE/DBE/FBE  
Terms: NET 30

YOUR SUPER SERVICE DISTRIBUTOR  
phone 708-599-7777 • 7207 West 90th Place • Bridgeview, IL 60455 • fax 708-599-4178  
www.midcoelectric.com

Date: 11/29/2013  
Job Name: ISTHA-I-18-4392  
Quoted by: JESUS BRYANT  
Cell: (872) 395-8404

PAY ITEM	QTY	MANUFACTURER	DESCRIPTION	UNIT \$	U/M	EXT \$
81028210	1,644		UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	\$ 1,000.00	C	\$ 16,440.00
81028330	123		UNDERGROUND CONDUIT, PVC, 1 1/4" DIA.	\$ 40.00	C	\$ 49.20
81100420	90		CONDUIT ATTACHED TO STRUCTURE, 1 1/4" DIA., PVC COATED GALVANIZED STEEL	\$ 500.00	C	\$ 450.00
81603034	2,657		UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 6 GROUND, (XLP-TYPE USE), 3/4" DIA. POLY	\$ 1,660.00	M	\$ 4,410.62
81603050	5,340		UNIT DUCT, 600V, 3-1C NO. 6, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1" DIA. POLY	\$ 1,950.00	M	\$ 10,413.00
81702145	693		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3	\$ 1,000.00	M	\$ 693.00
83009600	49		LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. MAST ARM		E	\$ -
83050580	2		LIGHT POLE, ALUMINUM, 40 FT. M.H., 2-12 FT. MAST ARMS		E	\$ -
87300925	2,495		ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	\$ 100.00	M	\$ 249.50
X1400238	53		LUMINAIRE, LED, SPECIAL		E	\$ -
J1811282	5		CONDUIT ATTACHED TO STRUCTURE, 4" DIA., STAINLESS STEEL 10' LENGTH	\$ 640.00	E	\$ 3,200.00
J5810839	420		UNDERGROUND CONDUIT, PVC, 4" DIA.	\$ 175.00	C	\$ 735.00
J5810880	400		UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 5" DIA.	\$ 3,850.00	M	\$ 1,540.00
J5816034	1,570		UNIT DUCT, WITH 2-1/C NO. 8 AND 1/C NO. 8 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	\$ 1,600.00	M	\$ 2,512.00
J5816037	11,820		UNIT DUCT, WITH 4-1/C NO. 6 AND 1/C NO. 8 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	\$ 2,600.00	M	\$ 30,732.00
J5817212	1,910		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	\$ 280.00	M	\$ 534.80
J5817213	240		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	\$ 420.00	M	\$ 100.80
J5817214	2,085		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	\$ 600.00	M	\$ 1,251.00
J5817215	3,465		ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	\$ 960.00	M	\$ 3,326.40
J5821100	60		LUMINAIRE, LED, HORIZONTAL MOUNT		E	\$ -
J5830003	60		GROUND MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 15 FT. MAST ARM		E	\$ -
JT132830	3		FIBER OPTIC COMMUNICATIONS, ITS ASSEMBLY	\$ 700.00	E	\$ 2,100.00
JT160115	5,830		INNERDUCT FOR SINGLE MODE FIBER OPTIC CABLE, 1 1/4" DIA, COILABLE NONMETALLIC, RIBBED	\$ 360.00	M	\$ 2,098.80
JT160130	6		HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, 36"X60"X36"	\$ 850.00	E	\$ 5,100.00
JT160132	1		HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, 48"X72"X36"	\$ 1,332.98	E	\$ 1,332.98
JT160321	5,000		FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 24 FIBERS	\$ 320.00	M	\$ 1,600.00
JT160323	1,330		FIBER OPTIC CABLE, SINGLE MODE, ARMORED, 48 FIBERS	\$ 430.00	M	\$ 571.90
JT810879	6,430		UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 4" DIA.	\$ 2,600.00	M	\$ 16,718.00
JT830051	3		GROUND MOUNTED LIGHT POLE, GALVANIZED STEEL, 50 FT., WITHOUT MAST ARM		E	\$ -
						\$ 106,172.05



## Midco Electric Supply

Certified: WBE/DBE/FBE  
Terms: NET 30  
MFG Freight Terms: PPD/ADD

YOUR SUPER SERVICE DISTRIBUTOR  
phone 708-599-7777 • 7237 West 90th Place • Bridgeview, IL 60455 • fax 708-599-4178  
www.midcoelectric.com

Date: 11/29/2018  
Job Name: ISTHA-1-18-4392  
Quoted by: JESUS BRYANT  
Cell: (872) 395-9404

CONDUIT (EMT, GRC): PRICING FIRM FOR RECEIPT OF PURCHASE BY DEC 21, 2018. MUST SHIP COMPLETE BY JAN 31, 2019. 3 MASTER LIFT MINIMUM RELEASE, PRICING IS SUBJECT TO CHANGE IF MATERIAL HAS NOT SHIPPED IN FULL BY JAN 31, 2019 - IF RELEASES ARE NEEDED AFTER THIS DATE, A REVISED PRICE WILL BE FORWARDED WITH CURRENT STEEL PRICES.
CONDUIT (PVC SCH 40/80): PRICING FIRM FOR RECEIPT OF PURCHASE BY XXX XX 2018. MUST SHIP COMPLETE BY XXX XX 2018. \$7,000 RELEASE IS CONSIDERED FREIGHT ALLOWED SHIPMENT FROM FACTORY, PRICING IS SUBJECT TO CHANGE AT TIME OF ACTUAL RELEASE PER CURRENT RESIN PRICES.
CONDUIT (PVC COATED GRC): ALL PRICING BASED ON PRICE LIST IN EFFECT AT TIME OF RELEASE OF ORDER FOR SHIPMENT. \$6,000 IS CONSIDERED FREIGHT ALLOWED, PRICING NEEDS TO BE CONFIRMED AT TIME OF ORDER ENTRY, ONE COUPLING IS PROVIDED AT NO CHARGE WITH EACH 10' STICK OF CONDUIT. QUOTING DOMESTIC CONDUIT. CURRENT LEAD TIME IS 4 WEEKS ARO.
CABLE IN CONDUIT (CIC): PRICING IS FIRM AND WILL BE ADJUSTED AT TIME OF ACTUAL RELEASE, WITH A CURRENT COPPER BASE OF \$2.80. TYPICAL MANUFACTURER LENGTH TOLERANCE -0+5%, LEAD TIMES VARY PER ORDER, TYPICAL LEAD TIMES ARE 6-7 WEEKS AFTER ORDER IS FORMALLY RELEASED INTO PRODUCTION. FREIGHT CHARGES WILL BE CALCULATED AT TIME OF SHIPMENT IF RELEASE ORDER IS UNDER 5,000 LBS.
EMPTY DUCT COILABLE CONDUIT: PRICING IS FIRM AND WILL BE ADJUSTED AT TIME OF ACTUAL RELEASE PER CURRENT RESIN PRICING, LEAD TIMES VARY PER ORDER, TYPICAL LEAD TIMES ARE 14-16 BUSINESS DAYS AFTER ORDER IS FORMALLY RELEASED. QUOTING WITHOUT TAPE, IF TAPE IS NEEDED A RE-QUOTE WILL BE FORWARDED. PAY ITEMS THAT REQUIRED MINIMUM ORDER QUANTITIES WERE ADJUSTED ACCORDINGLY.
IMSA CABLE: ALL IMSA CABLE 19-1 SOLID, QUOTING AT CURRENT COPPER BASE OF \$2.80. PRICING IS SUBJECT TO CHANGE AT TIME OF ACTUAL RELEASE, IF QUANTITIES ARE ORDERED FROM THE FACTORY, A 4 WEEK LEAD TIME WILL BE IN AFFECT. FREIGHT CHARGES WILL BE CALCULATED AT TIME OF SHIPMENT IF MATERIALS RELEASED ARE UNDER \$10,000.
XLP-USE CABLE: QUOTING AT CURRENT COPPER BASE OF \$2.80. PRICING IS SUBJECT TO CHANGE AT TIME OF ACTUAL RELEASE, IF QUANTITIES ARE ORDERED FROM THE FACTORY, A 4-5 WEEK LEAD TIME FOR XLP-USE WILL BE IN AFFECT. FREIGHT CHARGES WILL BE CALCULATED AT TIME OF SHIPMENT IF MATERIAL IS UNDER 5,000 LBS.
NEMA 4X JUNCTION BOXES: FABRICATED FROM 14 GA 304 SS, COVER TO HAVE CONTINUOUS HINGE WITH SS CLAMP ASSEMBLY EMBEDDED BOX FINISH: #28 UNPOLISHED BACK BOX, #3 COVER - ATTACHED BOX FINISH: #3 POLISH CONTINUOUS FORMED, SEAMLESS, URETHANE, OIL RESISTANT GASKET PROVIDED ALL SEAMS CONTINUOUSLY WELDED WITH SS WELD WIRE AND GROUND SMOOTH, MEETS MADE IN AMERICA REQUIREMENTS. 5-8 WEEK LEAD TIME
STEEL ROADWAY POLES: ALL STEEL POLES QUOTED AS GALVANIZED FINISH UNLESS OTHERWISE NOTED, ANCHOR BOLTS & SHROUDS ARE NOT INCLUDED, TYPICAL LEAD TIME 20-25 WEEKS AFTER FORMAL RELEASE.
ALUMINUM ROADWAY POLES: ALL ALUMINUM POLES QUOTED AS SATIN SAND FINISH UNLESS OTHERWISE NOTED, ANCHOR BOLTS, T-BASES, BREAWAY COUPLINGS, SKIRTS ARE NOT INCLUDED. TYPICAL LEAD TIME IS 11-13 WEEKS AFTER FORMAL RELEASE.
ROADWAY COBRAHEADS: FIXTURES QUOTED AS LAMP INCLUDED, TESTING IS NOT INCLUDED UNLESS OTHERWISE NOTED.



CHICAGO TRANSIT AUTHORITY

567 West Lake Street  
Chicago, Illinois 60661-1498  
TEL 312 664-7200  
[www.transitchicago.com](http://www.transitchicago.com)

April 19, 2018

Ms. Diane Quinlan  
Midco Electric Supply, 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.

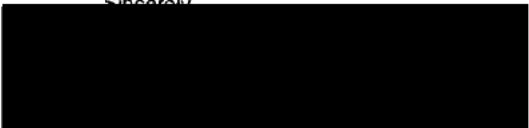
If there is any change in your certification that affects your ability to meet size standards, disadvantaged status, ownership, or control requirements or any material change in the information provided in your initial application, you must provide written notification to this agency within thirty (30) 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](http://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,

  
Juan Pablo Prieto  
Interim Senior Manager, Diversity Program  
Chicago Transit Authority  
Phone: (312) 681.2600  
Email: [diversity@transitchicago.com](mailto:diversity@transitchicago.com)





CHICAGO TRANSIT AUTHORITY

567 West Lake Street  
Chicago, Illinois 60661-1498  
TEL 312 664-7200  
[www.transitchicago.com](http://www.transitchicago.com)

## **Disadvantaged Business Enterprise (DBE) Certification**

April 19, 2018

Midco Electric Supply, 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](http://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



CONTRACT # 1-18-4392

DBE FIRM NAME: MTC Moreno's Inc.  
CIRCLE ALL THAT APPLY: DBE MBE WBE SBA (X)CHECK ALL THAT APPLY:  
PRIME JV PARTNER SUBCONTRACTOR TRUCKER ☒ SUPPLIER MANUFACTURERSUBCONTRACTOR: 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.  
 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 (\$) (Indicate to DBE if contract includes if item is a supplier)
Various	TRUCKING					
TOTALS FOR THIS DBE FIRM:						15,000.00

\* 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 #15671010, 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 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

Date:

Contact:

Phone:

Firm Name:

Address:

Title

Signature for DBE Contractor

Date:

Contact:

Phone:

Firm Name:

Address:

Title



Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2/2

CONTRACT # I-18-4392

DBE FIRM NAME: MTC Moreno's Inc.  
CHECK ALL THAT APPLY: DBE DBE WBE SBA (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.  
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 OF WORK AND SUBCONTRACT DOLLAR AMOUNT	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT (\$)	TOTAL DBE CREDIT AMOUNT (\$)
Various					
TOTALS FOR THIS DBE FIRM:					15,000.00

\*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 #J5671010, 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 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 of Prime Contractor

Date:

Contact:

Phone:

Firm Name:

Address:

Title

Signature of DBE Contractor

Date:

Contact:

Phone:

Firm Name:

Address:

Title

President



## Moreno's Inc.

2804 Foliage Lane  
Rockford, IL 61109  
815-703-1082

MTCMorenosDispatch1@gmail.com

MTC Morenos Inc. cartage quote for ISHTA 18-4392

DBE Semi-Dump	\$95.00/Hr.
Semi-Belt	\$98.00/Hr.
Flat Bed	\$110/Hr (6 Hr Minimum)
Night Prem. Add	\$2/Hr (6 Hr Minimum)

- Please see fuel surcharge
- GC responsible for overweight tickets loaded from job site
- By The Load Quotes for stockpiled material only, 15 min max load time, if > will charge every ¼ Hr. at Hrly. Rates
- MTC will hold tip fees if needed for DBE credit, please call to discuss
- GC will be charged for any rejected loads @ CCDD/Landfill
- Any hard to handle loads brought to CCDD, will be charged accordingly
- Tolls reimbursed for hourly pay when on clocked jobsite time, tolls included on ton & btl.
- Hourly trucking will start at dispatched time as long as trucks arrive at said time
- Trucking rates good through 2019, 1.5% Increase applies for 2020
- Payment terms of 30 days from date of Invoice

### Aggregates & CCDD, Cartage Only

- 1) Winnebago Landfill  
\$250/Load  
+\$75 RR from choice of N-Trak Baxter Rd., WCC/Beverly Irene Rd. Quarries
- 2) Consolidated Materials  
\$67.50/Load  
\$2.25/Ton
- 3) Sugar Aggs  
\$67.50/Load  
\$2.25/Ton
- 4) LaFarge/Ozinga Marengo  
\$2.25/Ton  
\$67.50/Load
- 5) Vulcan Sycamore  
\$5.00/Ton
- 6) Wagner Aggregates  
\$6.85/Ton
- 7) WCC Irene  
\$6.45/Ton  
\$150/Load
- 8) Beverly Irene  
\$6.45/Ton  
\$150/Load

### **FUEL ESCALATION CLAUSE**

The fuel index is based on the retail price of diesel as listed on the Federal Energy Administration website for the US Midwest (PAOD2) District ([www.eia.gov/petroleum/gasdiesel/](http://www.eia.gov/petroleum/gasdiesel/)). This index is updated weekly and will apply to trucking provided during the previous calendar week (Monday thru Sunday). Should the Department of Energy cease publication of this index, it shall be replaced with a comparable index that is mutually satisfactory.

#### **Calculation:**

When the fuel index exceeds \$3.75 per gallon, an adjustment shall be made for each billable hour of \$1.00 or a 1.5% increase per billable ton/BTL for each \$0.25 fuel increase increment after the index exceeds \$3.75 per gallon.

<u>Index Cost</u>	<u>Per Hour Adjustment</u>	<u>Per Tn/BTL Adjustment</u>
\$3.75-3.99	\$1.00	1.5%
\$4.00-4.24	\$2.00	3.0%
\$4.25-4.49	\$3.00	4.5%
\$4.50-4.74	\$4.00	6.0 %
\$4.75-4.99	\$5.00	7.5 %



# Illinois Department of Transportation

Office of Business & Workforce Diversity  
2300 South Dirksen Parkway / Springfield, Illinois 62764

May 30, 2018

## CERTIFIED-RETURN RECEIPT REQUESTED

Mr. Humberto Moreno  
MTC Moreno's, Inc.  
2804 Foliage Ln.  
Rockford, IL 61109

To whom it may concern:

MTC Moreno's, Inc., is currently certified as a Disadvantaged Business Enterprise (DBE) with the Illinois Unified Certified Program (IL UCP), hosted by the Illinois Department of Transportation (IDOT). Please accept this letter as verification of the firm's current DBE status with IDOT.

Sincerely,

[Redacted Signature]  
Debra A. Clark, Bureau Chief  
Bureau of Small Business Enterprises





# Illinois Department of Transportation

**MTC Moreno's, 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.



Ann L. Schneider  
Secretary

Illinois Department of Transportation



Debra A. Clark  
Acting Bureau Chief

Bureau of Small Business Enterprises

Effective the 21<sup>st</sup> day of February 2013



Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT # I-18-4392DBE FIRM NAME: RA Seaton Contractor Services LLC  
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)
	<u>trucking</u>					
TOTALS FOR THIS DBE FIRM:						<u>15,000.00</u>

\*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.

Signature for Prime Contractor

Contact:

Firm Name:

E-mail:

Phone:

Address:

Project Mgr Nov 30 2018Jarius Camarena  
Curran Contracting Company  
estimating@currancontracting.com  
815-455-5100  
286 Memorial Ct Crystal Lake IL 60007

Signature

Contact:

Firm Name:

E-mail:

Phone:

Address:

Pres11/29/18Rebecca A SeatonRA Seaton Contractor Services LLCrseatoncontractor@gmail.com815-320-48125100 Linden Rd Rockford IL 61109

(Rev 04/2018)

ISTHA Form 2025, TEMPLATE, 04182018

CONTRACT #



Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT # I-18-4392DBE FIRM NAME: RA Seaton Contractor Services LLC  
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:						15,000.00

\* 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.

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:

Project Mgr Nov 30 2018

Jairus Camarena

Curran Contracting Company

Estimating@currancontracting.com

815-455-5100

286 Memorial Ct Crystal Lake IL 60004

Signature for DBE Contractor

Title

Date

Contact:

Firm Name:

E-mail:

Phone:

Address:

Pres

11/29/18

Rebecca A Seaton

RA Seaton Contractor Services LLC

raseatoncontractor@gmail.com

815-520-4812

5100 Linden Rd, Rockford IL 61109

(Rev 04/2018)

ISTHA Form 2025, TEMPLATE\_04181026

CONTRACT #



IDOT - WisDOT - IowaDOT  
DBE CERTIFIED

- ✓ Trucking
- ✓ Pipe Supply
- ✓ Concrete Supply

R A Seaton Contractor Services LLC  
5100 Linden Road  
Rockford, IL 61109  
Phone (815) 520-4812  
Fax (815) 547-7766

Rebecca Seaton - 815-378-9799  
raseatoncontractor@gmail.com  
office - raseatonoffice@gmail.com

IL Intrastate Authority  
IL Broker Authority  
WI Intrastate Authority  
Federal Interstate Authority  
Federal Broker Authority

Attention: **Estimating**

Bid Date: 11/30/18

Project: ISTHA I-18-4392 Rt 23 and I-90 Interchange  
TRUCKING Quote

Customer: Curran Contracting Company

Email:

Fax:

- Trucking services include hauling dirt, sand, aggregates, core-out material, millings, broken concrete, HMA, wet batch concrete, barrier wall, salt, compost, timber mats
- IL EPA certified to haul Special Waste spoils
- Long dumps and aluminum trailers available for aggregate tonnage hauls
- Flatbed trailers and water tanker trailer also available

**Hourly Trucking Rates:**

Semi w/ dump trailer	\$ 95.00	Flatbed	\$98.00
Semi w/ belt trailer	\$ 98.00	Water tanker	\$98.00
Tandem dump	\$ 85.00		

<u>Pick-up Location</u>	<u>Delivery Location</u>	<u>Cartage price</u>
Beverly ED	jobsite	\$8.66 /ton
Beverly Belvidere		\$7.70 /ton
Beverly Foster		\$6.16 /ton
Allied Huntley		\$5.52 /ton
Consolidated Marengo		\$2.64 /ton
Super Agg Marengo		\$2.80 /ton
LaFarge Marengo		\$2.32 /ton
Vulcan Sycamore BG		\$7.12 /ton
Vulcan Sycamore Lloyd		\$5.04 /ton

		<u>Dead Head</u>	<u>Round Robin</u>
Jobsite	Beverly ED	\$155.00 /load	\$217.00 /load
	Beverly Belvidere	\$136.00 /load	\$190.00 /load
	Allied Huntley	\$110.00 /load	\$156.00 /load
	Consolidated Marengo	\$53.00 /load	\$74.00 /load
	Super Agg Marengo	\$56.00 /load	\$79.00 /load
	LaFarge Marengo	\$46.00 /load	\$65.00 /load
Jobsite	Winnebago Landfill	\$200.00 /load	

- All applicable toll charges will be added to all hourly rates
- Quoted tonnage and per load rates include toll charges. Quoted tonnage rates and per load rates are subject to review and revision if needed, due to construction traffic, detours, delays, etc.
- Terms: Net 30 days from date of invoice



# Illinois Department of Transportation

Office of Business & Workforce Diversity  
2300 South Dirksen Parkway / Springfield, Illinois 62764

September 25, 2018

## CERTIFIED-RETURN RECEIPT REQUESTED

Ms. Rebecca A. Seaton  
R. A. Seaton Contractor Services, L.L.C.  
5100 Linden Rd.  
Rockford, IL 61109

Dear Ms. Seaton:

The Illinois Department of Transportation (IDOT) has approved the "No Change Affidavit" for R. A. Seaton Contractor Services, L.L.C., 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,

  
Debra A. Clark, Bureau Chief  
Bureau of Small Business Enterprises



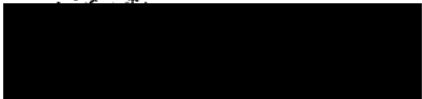
# Illinois Department of Transportation


**R.A. Seaton Contractor Services, L.L.C.**

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.

  
Ann L. Schneider  
Secretary  
Illinois Department of Transportation

  
Debra A. Clark  
Acting Bureau Chief  
Bureau of Small Business Enterprises

Effective the 18<sup>th</sup> day of September 2012





Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2/2

CONTRACT # 4392

DBE FIRM NAME: Sanco Traffic Control  
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: ☒ N UNDER CONTRACT TO: TCP

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, supply, or both furnish and supply	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT (\$)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT (\$) (maximum 25% of contract amount if firm is a supplier)
70300904	Part Marking Tape 4"	104386	.62¢	\$64,719.32	<input checked="" type="checkbox"/>	\$38,831.59
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 and/or Mobilization Item HJ5671010, 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 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: [Signature] Title: Project Manager  
Date: Nov 30 2018  
Contact: Josius Camarena  
Phone: 815-455-5100  
Firm Name: Curran Contracting Company  
Address: 2816 Memorial Ct Crystal Lake IL 60014

Signature for DBE Contractor: [Signature] Title: President  
Date: 11/18/18  
Contact: Robert Sanchez  
Phone: 815-961-0365  
Firm Name: Sanco Traffic  
Address: 200 Quaker Rd, Rockford IL 61104



## SANCO TRAFFIC CONTROL

200 QUAKER RD  
ROCKFORD, IL 61104  
815-961-0365  
815-961-0865 (FAX)

DBE/MBE/SDB  
CERTIFIED

### QUOTE

11/29/18

Below is a quote for traffic control:

TCP

4392

I90 + Rt 23

Line Item	Quantity	Unit	Price	Extended
70300904 Pavt Marking Tape Type IV Line 4"	104,386.00	LF	\$0.62	\$64,719.32

\*\*\* TAPE SUPPLY ONLY\*\*\*

**Bid Total \$64,719.32**

The following are not included in lump sum bid total:

\*\*\*Any bonding or Railroad Protective Liability insurance or Endorsements



Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2/2

CONTRACT # 4392

DBE FIRM NAME: Sanco Traffic Control  
CIRCLE ALL THAT APPLY: DBE MBE WBE SBA (A)CHECK ALL THAT APPLY:  
PRIME ☐ JV PARTNER ☐ SUBCONTRACTOR ☒ TRUCKER ☐ SUPPLIER ☐ MANUFACTURER ☐SUBCONTRACTOR: TIER 1 (SUB TO PRIME): Y N TIER 2 OR BELOW: ☒ N UNDER CONTRACT TO: Traffic Control Protection

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 2025. 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 50% of contract amount if firm is a SUPPLIER)
	SEE ATTACHED					
TOTALS FOR THIS DBE FIRM:						312,117.70

\*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 #J5671010, 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 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 thereon 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

Date:

Contact:

Phone:

Firm Name

Address:

Title

Signature for DBE Contractor

Date:

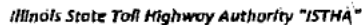
Contact:

Phone:

Firm Name

Address:

Title



DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2/2

DATE PREPARED	Sanco Traffic Control			
CIRCLE ALL THAT APPLY	DBE	MBE	WBE	SBA (A)

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): Y N	TIER 2 OR BELOW: <input checked="" type="radio"/> Y N	UNDER CONTRACT TO:
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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.

\*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 #/S671010, 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 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 there to 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

Date: NOV 30 2018

Contact: José Camarona

Phone: 815) 455-5100

Firm Name Curran Contracting Company

Address: 286 Memorial Ct Crystal Lake IL 60014

Title

**Signature for DBE Contractor**

Date: 11/29/18

Contact: Robert Sanchez

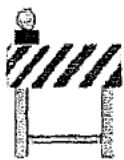
Phone: 915-961-0365

Firm Name Sanco Traffic

Address: 200 Quaker Rd. Rockford IL 61104

Tische

CONTRACT # 4392



## SANCO TRAFFIC CONTROL

200 QUAKER RD  
ROCKFORD, IL 61104  
815-961-0365  
815-961-0865 (FAX)

DBE/MBE/SDB  
CERTIFIED

### QUOTE

11/29/18

Below is a quote for traffic control:

TCP

4392

I90 + Rt 23

Line Item

Line Item	Quantity	Unit	Price	Extended
70400100 Temp Concrete Barrier	4,580.00	LF	\$17.00	\$77,860.00
70400200 Relocate Temp Concrete Barrier	3437	LF	\$6.30	\$21,653.10
X7030005 Temp Pavt Marking Removal	20,280	SQ FT	\$0.32	\$6,489.60
X7010216 Traffic Control & Prot Special	1	LS	\$31,500.	\$31,500.00
J1635010 Roadway Delineators	315	Each	\$42.00	\$13,230.00
J1704000 Temp Concrete Barrier	7685	LF	\$16.25	\$124,881.25
J1704005 Relocate Temp Concrete Barrier	7685	LF	\$4.75	\$36,503.75

**Bid Total: \$312,117.70**

**1/3 Of All Lane Closure Can Be Performed By DBE**

		M-F	Sat- Sun
One Lane Closure 1 Mile Max	Each	\$1,900	\$2,000
Two Lane Closure 1 Mile Max	Each	\$2,200	\$2,300
Temp Daily Shoulder Closure 1/2 Mile Max	Each	\$800	\$900
Additional 1/2 Mile	Each	\$100	\$125
Weave	Each	\$600	\$700
E-6 Standard (Does Not Include Impact Attn Or Relocating	Each	\$2,500	

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

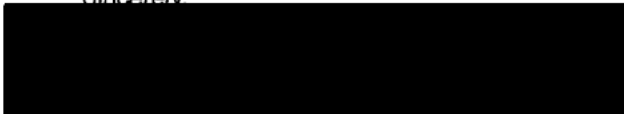
Dear Mr. Sanches:

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,



Debra A. Clark, Bureau Chief  
Bureau of Small Business Enterprises





Illinois Tollway Authority "STHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT # 1-18-4392

DBE FIRM NAME	Viridian ENTERPRISES
DBE FIRM TYPE	DBE
DBE FIRM ADDRESS	3810 W. Addison ST., CHICAGO

NAME	AT PARTNER	DBE PARTICIPATION	Y	TRUCKER	SUPPLIER	MANUFACTURER
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SUBCONTRACTOR	YES 1 (YES TO YES)	YES 2 (NO BELOW)	Y	N	UNDER CONTRACT TO:
---------------	--------------------	------------------	---	---	--------------------

This form must be completed for EACH subcontracted 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 how apparent bidder to construction (e.g., contract award). 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 (include whether listed only, or both listed and unlisted)	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT (\$)	CHECK #	TOTAL DBE CREDIT AMOUNT (\$)
	SEE ATTACHED					
				TOTALS FOR THIS DBE FIRM		1,504,903.35

\*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 Advance Items, including but not limited to Mobilization Item #567010, 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. COMPLETION: The undersigned certifies 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 understands 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 STHA'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 STHA's prior written approval. The Prime Contractor must request, in writing, approval by STHA's Diversity and Strategic Development Department of any proposed assignment 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 DBE participation and can adjust the contractor to ensure success.

Project Mgr Nov 30 2018

Contract	Viridian Enterprises
Prime Name	Viridian Enterprises
DBE FIRM NAME	Viridian Enterprises
DBE FIRM ADDRESS	3810 W. Addison ST., CHICAGO
DBE FIRM PHONE	(773) 799-9693
DBE FIRM FAX	
DBE FIRM E-MAIL	viridian@viridianenterprises.com
DBE FIRM SIGNATURE	Viridian Enterprises
DBE FIRM TITLE	President
DBE FIRM DATE	11-29-18



To: Curran Contracting  
 Address: 286 Memorial Court  
 Crystal Lake, IL

Bid Date: 11/30/2018

Project: ISHTA I-18-4392 (I-90 & IL-23)  
 Location: I-90 & IL-23  
 Addendum#: 1

Client #	Description	Quantity	Unit	Unit Price	Ext Price
20800150	Trench Backfill	2,149.000	CY	\$ 28.80	\$61,891.20
50104400	Concrete Headwall Removal	1.000	EA	\$ 980.00	\$ 980.00
50105220	Pipe Culvert Removal	740.000	LF	\$ 23.50	\$17,390.00
54010402	Precast Concrete Box Culverts, 4'x2'	164.000	LF	\$ 340.00	\$55,760.00
54010502	Precast Concrete Box Culverts, 5'x2'	25.000	LF	\$ 340.00	\$8,500.00
54010602	Precast Concrete Box Culverts, 6'x2'	74.000	LF	\$ 340.00	\$25,160.00
54010603	Precast Concrete Box Culverts, 6'x3'	86.000	LF	\$ 365.00	\$31,390.00
54010903	Precast Concrete Box Culverts, 9'x3'	390.000	LF	\$ 500.00	\$195,000.00
54213657	Precast Flared End Section, 12"	9.000	EA	\$ 820.00	\$7,380.00
54213660	Precast Flared End Section, 15"	1.000	EA	\$ 855.00	\$ 855.00
54213663	Precast Flared End Section, 18"	1.000	EA	\$ 920.00	\$ 920.00
54213669	Precast Flared End Section, 24"	1.000	EA	\$1,020.00	\$1,020.00
54213681	Precast Flared End Section, 36"	2.000	EA	\$1,690.00	\$3,380.00
54214305	End Section, 30", EQRS	2.000	EA	\$1,650.00	\$3,300.00
54214761	Precast Flared End Section, 66", EQRS	1.000	EA	\$7,500.00	\$7,500.00
550A0050	Storm Sewer, Class A, Ty-1, 12"	2,081.000	LF	\$ 23.75	\$49,423.75
550A0070	Storm Sewer, Class A, Ty-1, 15"	122.000	LF	\$ 36.90	\$4,501.80
550A0090	Storm Sewer, Class A, Ty-1, 18"	211.000	LF	\$ 39.50	\$8,334.50
550A0120	Storm Sewer, Class A, Ty-1, 24"	208.000	LF	\$ 52.50	\$10,920.00
550A0230	Storm Sewer, Class A, Ty-1, 72"	195.000	LF	\$ 200.00	\$39,000.00
550A0340	Storm Sewer, Class A, Ty-2, 12"	546.000	LF	\$ 23.75	\$12,967.50
550A0360	Storm Sewer, Class A, Ty-2, 15"	426.000	LF	\$ 36.90	\$15,719.40
550A0380	Storm Sewer, Class A, Ty-2, 18"	405.000	LF	\$ 39.50	\$15,997.50
550A0410	Storm Sewer, Class A, Ty-2, 24"	121.000	LF	\$ 52.50	\$6,352.50
550A0450	Storm Sewer, Class A, Ty-2, 36"	114.000	LF	\$ 76.50	\$8,721.00

550A0520	Storm Sewer, Class A, Ty-2, 72"	127.000	LF	\$ 200.00	\$25,400.00
550A0640	Storm Sewer, Class A, Ty-3, 12"	56.000	LF	\$ 33.75	\$1,890.00
550A0710	Storm Sewer, Class A, Ty-3, 24"	31.000	LF	\$ 52.50	\$1,627.50
550A4100	Storm Sewer, Class A, Ty-1, 24", EQRS	307.000	LF	\$ 81.00	\$24,867.00
550A4300	Storm Sewer, Class A, Ty-1, 30", EQRS	62.000	LF	\$ 100.00	\$6,200.00
550A4740	Storm Sewer, Class A, Ty-1, 66", EQRS	242.000	LF	\$ 300.00	\$72,600.00
60100060	Concrete Headwalls for Pipe Drains	18.000	EA	\$ 525.00	\$9,450.00
60108100	Pipe Underdrains, 4" (Special)	526.000	LF	\$ 2.15	\$1,130.90
60108204	Pipe Underdrains, Ty-2, 4"	5,645.000	LF	\$ 10.00	\$56,450.00
60201340	Catch Basin, Ty-A, 4' Dia., Ty-24 F&G	20.000	EA	\$2,250.00	\$45,000.00
60208240	Catch Basin, Ty-C, Ty-24 F&G	22.000	EA	\$1,275.00	\$28,050.00
60218400	Manhole, Ty-A, 4' Dia., Ty-1 F&CL	19.000	EA	\$2,350.00	\$44,650.00
60223800	Manhole, Ty-A, 6' Dia., Ty-1 F&CL	6.000	EA	\$4,400.00	\$26,400.00
60224459	Manhole, Ty-A, 8' Dia., Ty-1 F&CL	1.000	EA	\$10,300.00	\$10,300.00
60224469	Manhole, Ty-A, 9' Dia., Ty-1 F&CL	1.000	EA	\$17,900.00	\$17,900.00
60237470	Inlet, Ty-A, Ty-24 F&G	19.000	EA	\$1,150.00	\$21,850.00
60240328	Inlet, Ty-B, Ty-24 F&G	1.000	EA	\$3,450.00	\$3,450.00
X1200050	Box Culvert Removal	80.000	LF	\$ 140.00	\$11,200.00
X1200111	Precast Box Culvert End Section	10.000	EA	\$4,000.00	\$40,000.00
X6020096	Manhole, Ty-A, 6' Dia., w/Two Ty-1 F&CL, RP	1.000	EA	\$11,800.00	\$11,800.00
X6022110	Manhole, Ty-A, 10' Dia., Ty-1 F&CL	1.000	EA	\$28,000.00	\$28,000.00
J1501040	Sloped Headwall Removal	9.000	EA	\$ 240.00	\$2,160.00
J1601300	Pipe Underdrains, 6" (Special)	5,488.000	LF	\$ 2.85	\$15,640.80
J1601320	Pipe Underdrains, FLT, 6"	3,148.000	LF	\$ 32.25	\$101,523.00
J1602791	Junction Chamber, Location 1	1.000	EA	\$21,250.00	\$21,250.00
J1680016	Headwall, Ty-III, 24", 1:4	1.000	EA	\$4,700.00	\$4,700.00
J1680037	Headwall, Ty-IV, 36", 1:4	2.000	EA	\$10,900.00	\$21,800.00
J1680080	Headwall, Ty-III, 24", 1:6, EQRS	1.000	EA	\$6,575.00	\$6,575.00
J1680125	Sloped Headwall, Ty-III, 24", 1:3	1.000	EA	\$3,450.00	\$3,450.00
J1680130	Sloped Headwall, Ty-III, 6", 1:4	28.000	EA	\$ 860.00	\$24,080.00
J1680131	Sloped Headwall, Ty-III, 12", 1:4	1.000	EA	\$1,600.00	\$1,600.00
J1680132	Sloped Headwall, Ty-III, 15", 1:4	1.000	EA	\$2,050.00	\$2,050.00
J1680133	Sloped Headwall, Ty-III, 18", 1:4	7.000	EA	\$2,300.00	\$16,100.00
J1680140	Sloped Headwall, Ty-III, 6", 1:6	44.000	EA	\$1,020.00	\$44,880.00
J1680142	Sloped Headwall, Ty-III, 15", 1:6	1.000	EA	\$3,400.00	\$3,400.00
J1680143	Sloped Headwall, Ty-III, 18", 1:6	1.000	EA	\$3,875.00	\$3,875.00
J1680145	Sloped Headwall, Ty-III, 24", 1:6	4.000	EA	\$5,225.00	\$20,900.00
J1680148	Sloped Headwall, Ty-III, 15", 1:10	2.000	EA	\$5,650.00	\$11,300.00
J1680149	Sloped Headwall, Ty-III, 24", 1:4, EQRS	3.000	EA	\$4,700.00	\$14,100.00
JT280240	Permanent Ditch Checks	340.000	LF	\$ 500.00	\$170,000.00
				<b>Grand Total:</b>	<b>\$1,569,963.35</b>

### Project Notes:

- All prices are good through the 2019 construction season only – this proposal, if not accepted within 30 days, may be subject to change.
- Sales tax has not been included – a tax exemption affidavit must be provided prior to construction.
- Work is limited to the items listed above.
- Any specification, detail, or municipal ordinance that is not specifically shown or noted on the plans or in the project specifications has not been included in our pricing of this project.
- No bond cost or permit fees have been included.
- Exclude all soil testing, mechanical sweeping, sewer televising, sewer cleaning or rodding, water meters, QA/QC, tight sheeting, railroad insurance, railroad flagging, surveying, engineering, as-builts and layout.
- The above prices do not include supplying traffic control devices or flaggers.
- Sewer spoil removal is included and is based on removing clean soil only. Contaminated soil, hazardous soil, special waste soil/water, subtitle c, d, etc., will necessitate additional charges or will be left on-site.
- Rock excavation, if encountered, is not included in our pricing.
- Undercutting of unsuitable trench subgrade is not included.
- Tunneling or boring is not included.
- Pavement saw cutting, pavement removal, pavement patching and pavement and/or landscape restoration is not included.
- Erosion control measures (inlet protection, rip-rap, etc.) have not been included.
- Dewatering and bypass pumping in excess of what can be handled by the intermittent use of a 3" trash pump is excluded.
- No concrete or asphalt paving work has been included.
- The above price does not include any fence removal or replacement, tree removal or replacement.
- No frost ripping, winter protection or winter work is included.
- Cleaning structures and pipe from construction debris, is not included in our proposal.
- The Permanent Ditch Check item includes the headwalls and piping only. All other work associated with the permanent ditch check (embankment, seeding, etc.) is not included.
- All final adjustment to structures will be made prior to any pavement courses being installed.
- No sheeting, shoring, bracing or underpinning.
- Pricing of \$90,000.00 for mobilization is included in the above prices.



CONTRACT # \_\_\_\_\_

DBE FIRM NAME \_\_\_\_\_

CIRCLE ALL THAT APPLY: DBE MBE WBE SBA B(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](mailto: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)
TOTAL 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: \_\_\_\_\_



## 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](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: \_\_\_\_\_





## 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	<input type="text"/>	▼	Chose One
(f) Reporting Period:		To	
(g)	(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
			#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	<div>Number of Trucks</div> <table border="1"><tr><td>a.</td><td></td></tr><tr><td>b.</td><td></td></tr><tr><td>c.</td><td></td></tr></table>	a.		b.		c.	
a.							
b.							
c.							
(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)	> \$ -						
	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. <table border="1"><tr><td>\$</td><td>-</td></tr></table>	\$	-				
\$	-						
(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						
(q)	Printed Name						
	Date						
	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



## 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 <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> 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 <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> 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 <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> 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)



## ISTHA DBE Utilization by Period Report – DBE Form 2114

24	Comments		
16	<b>DBE subcontractor/supplier name #4</b>		
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 <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A If no, explanation must be provided in Comments field (24).		
20	% of work completed to date		
		<b>Current Period</b>	<b>To-Date</b>
21	Amount Paid (\$)	21(a)	21(b)
22	Retainage Held (\$)	22(a)	22(b)
23	Retainage Released (\$)	23(a)	23(b)
24	Comments		

16	<b>DBE subcontractor/supplier name #5</b>		
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 <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A If no, explanation must be provided in Comments field (24).		
20	% of work completed to date		
		<b>Current Period</b>	<b>To-Date</b>
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.:

**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)
<b>(26) Sum:</b>							
<b>(27) Explanations</b>							

**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:

[dbes@getipass.com](mailto:dbes@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.





**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.



**VETERAN SMALL BUSINESS PARTICIPATION AND  
UTILIZATION PLAN - CONSTRUCTION**

**For State Agency/State University Use Only**

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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 2% 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](http://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 proposal 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.



CONTRACT NUMBER \_\_\_\_\_

PRIME CONTRACTOR: \_\_\_\_\_  
CONTACT NAME: \_\_\_\_\_  
CONTACT PHONE NUMBER: \_\_\_\_\_  
CONTACT E-MAIL: \_\_\_\_\_

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:

- Bidders are required to comply with the Veteran Small Business Participation and Utilization Plan - Construction
- Submit only one Veteran Utilization Plan for each Project.
- 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
- 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](mailto: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.
- 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.
- 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

Date: 11/30/2018  
 To: Contact Name: Barb Bensinger  
 Contractor Company Name: Curran Contracting Company  
 From: Lynnette Robinson  
 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: <b>VOSB Plan Review</b>	<b>Date Original Plan Submitted:</b> 11/30/2018	<b>Revision #</b> 0
<b>Contract #</b> I-18-4392	<b>Established VOSB Goal:</b> 2.00 %	
<b>Contract Description:</b> Interchange Construction - Jane Addams Memorial Tollway (I-90) at Illinois Route 23 (IL 23)		

☒ Contractor's plan as submitted meets the established VOSB goal for this contract

Notes:

VOSB Plan as Submitted by apparent low bidder:									
Contract Award Amount		\$19,456,221.49							
VOSB Firm Name	Status (SB/Sup/TK)	Type	Scope	Contract Amount	Credit Amount	Credit %	Certifying Agency	Gender	Ethnicity
E.R. Bakey, Inc.	Trucker	VOSB	Trucking	\$455,776.16	\$455,776.16	2.34 %	CMS	M	Caucasian
Industrial Fence, Inc.	SB	VOSB	Guardrail and Fence	\$2,500.00	\$2,500.00	0.01 %	CMS	M	Hispanic
Total # of subcontracts: 2			TOTAL	\$458,276.16	\$458,276.16	2.35 %			
Total # of subcontractors: 2			Total %	2.35 %	2.35 %				



ILLINOIS STATE TOLL HIGHWAY AUTHORITY  
VOSB FORM 2026 - UTILIZATION PLAN

PRIME CONTRACTOR: Curran Contracting Co.

CONTACT NAME: Barb Bensinger

CONTACT PHONE NUMBER: 224-828-3486

CONTACT E-MAIL: bbensinger@currancontract.com

CONTRACT NUMBER I-18-4392

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:

- Bidders are required to comply with the Veteran Small Business Participation and Utilization Plan - Construction
- Submit only one Veteran Utilization Plan for each Project.
- 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
- 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.
- 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.
- 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.
Industrial Fence	Guardrail and fence	\$ 455,776. <sup>16</sup>
E.R. Baley	Trucking	\$ 2,500. <sup>00</sup>
TOTAL		\$ 458,276. <sup>16</sup>

For ebid: the submission of Form 2026 constitutes signature of this form  
For hardcopy: signature required.

Form 2026 - 03/2018

(Rev 04/2018)

VOSB - 6

Contract No I-18-4392



Illinois State Toll Highway Authority "ISTHA"

VOSB FORM 2025 - VOSB PARTICIPATION STATEMENT FORM, PART 2

I-18-4392	Industrial Fence Inc.
<input checked="" type="checkbox"/> VOSB <input type="checkbox"/> SDVOSB	ETHNICITY: <input type="checkbox"/> Af-Am <input type="checkbox"/> As In <input type="checkbox"/> As Pac <input checked="" type="checkbox"/> Hsp <input type="checkbox"/> Chic <input type="checkbox"/> Other
GENDER: <input checked="" type="checkbox"/> M <input type="checkbox"/> F	

PRIME <input type="checkbox"/> JV PARTNER <input type="checkbox"/> SUBCONTRACTOR <input checked="" type="checkbox"/> TRUCKER <input type="checkbox"/> SUPPLIER <input type="checkbox"/> MANUFACTURER <input type="checkbox"/>
---

TIER 1 (SUB TO PRIME): <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	TIER 2 OR BELOW: <input type="checkbox"/> Y <input type="checkbox"/> N	UNDER CONTRACT TO:
---	--	--------------------

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.

ITEM NO.	DESCRIPTION OF WORK	AMOUNT	PERCENTAGE	CHECK IF SUPPLIER	(reduce to 60% of contract amount if firm is a SUPPLIER)
	see attached				
TOTALS FOR THIS VOSB FIRM:					455,716.10

\*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 #IS671010, will not be approved within the VOSB Utilization Plan. NOTE that these items are not included in the determination of the VOSB Goal percentage.

- PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.
- 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

Signature:   
Title: Project Manager  
Date: Nov 30 2018  
Contact: Jaius Comarena  
Phone: 815-455-5100  
Firm Name: Curran Contracting Company  
Address: 286 Memorial Ct Crystal Lake IL 60014

Signature for VOSB Contractor:   
Title: President  
Date: 11/30/18  
Contact: Miguel Salazar  
Phone: 773-621-0900  
Firm Name: Industrial Fence Inc.  
Address: 1300 S. Kilbourn Avenue, Chicago, IL 60611



*Revised*

# INDUSTRIAL FENCE INC.



Manufactured in the USA. Veteran & Minority Owned.

GC: Curran Contracting Company

IFI Bid Proposal

Contact: Jairus Camarena

Estimate Date: 11/30/2018

Phone: 815-455-5100

Work Order No: E18348

Email: jcamarena@currancontracting.com

Project Name: ISTHA I-18-4392 Curran

Description	Unit	Quantity	Unit Price	Total Price
<b>10 Chain Link Fence</b>				
Z0022800 FENCE REMOVAL	LF	1,118.00	7.27	8,127.86
JA664020 Double Vehicle Gate, Decorative Fence	EA	1.00	5,988.75	5,988.75
JI664305 - Right Of Way Fence (ROW) Ty 1 6'	LF	4,060.00	16.00	64,960.00
JI664310 Corner Post ROW Ty 1	EA	4.00	756.95	3,027.80
JI664315 Pull Pst ROW Ty 1	EA	32.00	756.95	24,222.40
JI664320 End Pst ROW Fence Ty1	EA	2.00	756.94	1,513.88
JI664400 ROW Fence Removal	LF	4,881.00	5.81	28,358.61
				<b>\$136,199.30</b>
<b>30 Guardrail</b>				
63000001 SPBGR Ty A 6' Post	LF	587.50	28.15	16,538.12
63100045 Traffic Barrier Terminal Type 2	EA	2.00	1,193.20	2,386.40
63100167 Traffic Barrier Terminal Ty 1 Spl Tan	EA	2.00	3,640.90	7,281.80
63200310 Guardrail Removal	LF	2,086.00	5.96	12,432.56
70600305 - IMP ATTN TEMP FRR TL3	EA	10.00	10,564.95	105,649.50
70600330 IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EA	10.00	3,214.95	32,149.50
72501000 TERMINAL MARKER - DA		2.00	46.27	92.54
JI630002 SPBGR Ty A 6' Post	LF	537.50	28.15	15,130.62
JI631110 Traffic Barrier Terminal Ty 1A Spl	EA	2.00	3,640.90	7,281.80
JI631112 TBT Ty 1A Spl	EA	4.00	3,614.44	14,457.76
JI631120 Traffic Barrier Terminal Ty 2	EA	1.00	1,483.82	1,483.82
JI631135 Traffic Barrier Terminal Ty 6B	EA	6.00	3,685.00	22,110.00
JI631140 Traffic Barrier Terminal Ty 10	EA	1.00	499.14	499.14
JI706282 Impact Attenuator Temporary Severe Use Narrow TL3 to Remain in Place	EA	2.00	40,792.78	81,585.56
JI782012 - GUARDRAIL BARRIER DELINEATOR, REFLECTOR MARKER TYPE B	EA	13.00	9.25	120.25
JI782110 Terminal Marker DA	EA	5.00	46.27	231.35
				<b>\$319,430.72</b>
<b>60 Other</b>				

Revised

# INDUSTRIAL FENCE INC.



Manufactured in the USA. Veteran & Minority Owned.

GC: Curran Contracting Company  
Contact: Jairus Camarena  
Phone: 815-455-5100  
Email: jcamarena@currancontracting.com

IFI Bid Proposal

Estimate Date: 11/30/2018  
Work Order No: E18348  
Project Name: ISTHA I-18-4392 Curran

72501100 TERMINAL MARKER - PM	EA	2.00	73.07	146.14
				<u>\$146.14</u>
<b>Totals</b>				<u><u>\$455,778.16</u></u>

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
- Grading
- 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.
- 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 708.06 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
- Concrete Lave Outs
- Lane closures

IFI chooses to participate in the Option for Steel Cost Adjustment

## Vendor Information

CLOSE WINDOW

[Print](#)

### Business & Contact Information

Business Name **Industrial Fence, Inc.**  
Owner **Mr. Miguel A. Saltijeral**  
Address **1300 S. Kilbourn Ave**  
> [Map This Address](#) **Chicago, IL 60623**  
Phone **773-521-9900**  
Fax **773-521-9904**  
Email **[rruoti@industrialfenceinc.com](mailto:rruoti@industrialfenceinc.com)**  
Website **<http://www.industrialfenceinc.com>**  
Ethnicity **Hispanic**  
Gender **Male**  
County **Cook (IL)**

### Certification Information

Certifying Agency **State of Illinois Central Management Services**  
Certification Type **VOSB - Veteran Owned Small Business**  
Renewal Date **7/22/2019**  
Expiration Date **7/22/2019**  
Certified Business Description **Fencing, Concrete or Rock, Bumper and Guard Rails, Poly, (See Class 570 for Metal Type), Fence Installation, Maintenance and Repair**

### Commodity Codes

Code	Description
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

### Additional Information

Region **Metro Chicago**

**Certified Profile**

CLOSE WINDOW

[Print](#)**Business & Contact Information**

Business Name	Industrial Fence, Inc.
Owner	Mr. Miguel A. Saltijeral
Address	1300 S. Kilbourn Ave
> <a href="#">Map This Address</a>	Chicago, IL 60623
Phone	773-521-9900
Fax	773-521-9904
Email	<a href="mailto:rruoti@industrialfenceinc.com">rruoti@industrialfenceinc.com</a>

**Certification Information**

Certifying Agency	Cook County
Certification Type	MBE - Minority Business Enterprise
Certification Date	6/13/2017
Renewal Date	2/8/2019
Expiration Date	6/13/2021
Certified Business Description	Construction - General Contractor: Installation Chain Link, Guardrail, Fencing, Railings & Miscellaneous Metals; and Construction Management; Fabrication/Manufacturer: Chain Link Fencing; Ornamental Fencing; Wrought Iron Fencing; Railings & Miscellaneous Metals; Regular Dealer: Chain Link Fencing; Ornamental Fencing; Wrought Iron Fencing; Railings and Related Products; and Low Voltage Electrical Work

**Commodity Codes**

No assigned Commodity Codes for this certification.

**Additional Information**



Illinois State Toll Highway Authority "ISTHA"

VOSB FORM 2025 - VOSB PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-18-4392	VOSB FIRM NAME	ER BAKER INC
		CIRCLE ALL THAT APPLY	VOSB <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/>
PRIME <input type="checkbox"/> JV PARTNER <input type="checkbox"/>		DECLARATION APPLY	
SUBCONTRACTOR <input type="checkbox"/>		TRUCKER <input checked="" type="checkbox"/> SUPPLIER <input type="checkbox"/> MANUFACTURER <input type="checkbox"/>	
TIER 1 (SUB TO PRIME): <input checked="" type="checkbox"/> 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 50% of contract amount if firm is a SUPPLIER)
	See attached trucking					
TOTALS FOR THIS VOSB FIRM:						2,500.00

\*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 KJ567101Q, 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. The undersigned agree to receive written approval prior to a change in type or contract conditions.

Project Manager 11/30/18

Contact: Jairo Camarena

Firm Name: Curran Contracting Company

E-mail: estimating@currancontracting.com

Phone: 815 455-5100

Address: 286 Memorial Ct Crystal Lake IL 60014

Signature for VOSB Coverage: Eric P. Baker

Contact: Eric P. Baker

Firm Name: ER BAKER INC

E-mail: ERIC.BAKER@ERBAKER.COM

Phone: 847.464.5700

Address: 180 S. WESTERN AVE #158 Chapeauville IL 60110

Date: 28 Nov 18



Illinois State Toll Highway Authority "ISTHA"

VOSB FORM 2025 - VOSB PARTICIPATION STATEMENT FORM, PART 2

CONTRACT#	I-18-4392	VOSB FIRM NAME	ER BAKLEY INC
		ONLY CHECK ONE	VOSB <input checked="" type="checkbox"/> SUBVOSB <input type="checkbox"/>
PRIME <input type="checkbox"/> JV PARTNER <input type="checkbox"/> SUBCONTRACTOR <input checked="" type="checkbox"/> TRUCKER <input type="checkbox"/> SUPPLIER <input type="checkbox"/> MANUFACTURER <input type="checkbox"/>			
SUBCONTRACTOR	TIER 1 (SUB TO PRIME): Y <input type="checkbox"/> N <input type="checkbox"/> TIER 2 OR BELOW: Y <input type="checkbox"/> N <input type="checkbox"/> 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@getpass.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 (\$) (Indicate to 80% of contract amount if firm is a SUPPLIER)
	see attached					
TOTALS FOR THIS VOSB FIRM:						2,500.00

\*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 #15671010, 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 thereon 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 to receive written approval prior to a change in 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 change. Failure to receive written approval prior to a change in type or scope of work to be performed by the VOSB may result in contract sanctions.

Signature for Prime Contractor: [Redacted] Title: Project Manager Date: 11/20/18

Contact: Jairo Camarena

Firm Name: Curran Contracting Company

E-mail: estimating@currancontracting.com

Phone: (815) 455-5100

Address: 286 Memorial Ct Crystal Lake IL 60014

Signature for VOSB Contractor: [Redacted] Title: President Date: 28 Nov 18

Contact: Eric P. Bakley

Firm Name: ER BAKLEY INC

E-mail: ERBAKLEY@ERBAKLEY.COM

Phone: 847.464.5700

Address: 180 S. WESTERN AVE #158 CHICAGO ILL 60610





180 S. Western, Ave, Ste 158  
Carpentersville, Illinois 60110  
847-464-5700

**Trucking Proposal: ISTHA 4392 Route 23 & I-90 Interchange**

**SCOPE OF SERVICES**

We are pleased to submit the following Trucking proposal for your review and acceptance. E.R. Bakey shall furnish supervision, labor, materials and equipment for the Project and Scope of Services for the above referenced project.

Hourly Trucking \$115.00 per hour for 1% of VOSB Participation or \$110.00 per hour for 2% of VOSB-Participation. All Cartage or "By the Load" hauls are to be given priority attention. After 15 minutes wait time applies at \$115.00 per hour.

**NOTES**

1. Quotation is based upon straight time at \$115.00 per hour. Six Hour Minimum with .5 hour of travel per truck, per day will be added to the invoice. Tolls and Travel (due net 10) will be invoiced separately with weekly IPASS reports for hourly work.
2. Quoted Tonnage & per load rates include toll charges.
3. Aggregates & dump fees can be included in delivered price if needed
4. If fuel prices escalate above \$3.50 per gallon, the terms and conditions of the attached escalation sheet shall be in effect. A 2% increase for all Trucking Rates in 2020.
5. Pricing is good for thirty- (30) days

If you have any questions, or if I may be of additional service to you, please do not hesitate to call me at (847) 464-5700

State Board of Election #25849

IL Department of Human rights #123631-00

IPG Registration No #20315634

FEIN #43-1985943

We are a Certified Service Disabled Veteran Owned Small Business.



***Eric Bakey***  
Eric Bakey

November 28, 2018

Date

**Payment Terms**

Terms: Net 20 or -2% net 10 from date of invoice. Monthly progress payments if necessary. Finance charge of 4 ½ % per month on the unpaid balance.

**FUEL ESCALATION CLAUSE**

The fuel index is based on the retail price of diesel as listed on the Federal Energy Administration website for the US Midwest (PADD2) District ([www.eia.gov/petroleum/gasdiesel/](http://www.eia.gov/petroleum/gasdiesel/)). This index is updated weekly and will apply to trucking provided during the previous calendar week (Monday thru Sunday).

Should the Department of Energy cease publication of this index, it shall be replaced with a comparable index that is mutually satisfactory.

**Calculation:**

When the fuel index exceeds \$3.50 per gallon, an adjustment shall be made for each billable hour of \$2.00 or a 2.5% increase per billable ton for each \$0.25 fuel increase increment after the index exceeds \$3.50 per gallon.

<u>Index Cost</u>	<u>Per Hour Adjustment</u>	<u>Per Tn Adjustment</u>
\$3.50-\$4.24	\$2.00	2.5%
\$4.25-\$4.49	\$3.00	3.5%
\$4.50-\$4.74	\$4.00	4.5%
\$4.75-\$4.99	\$5.00	5.5 %
\$5.00-\$5.25	\$7.00	7.5 %

Signature of Acceptance \_\_\_\_\_



ILLINOIS Bruce Rauner, Governor  
DEPARTMENT OF CENTRAL MANAGEMENT SERVICES

December 13, 2017

Certification Term Expires: December 13, 2018

Mr. Eric Bakey  
E.R. BAKEY INC.  
180 S. WESTERN AVE# 158  
CARPENTERSVILLE, IL 60110

Dear Eric Bakey: Re: Service Disabled Veteran Owned Small Business (SDVOSB)

Congratulations! After reviewing the information that you supplied, we are pleased to inform you that your firm has been granted certification as a Service Disabled Veteran Owned Small Business (SDVOSB) under the Business Enterprise Program (BEP) for Minority, Females, and Persons with Disabilities

This certification is in effect with the State of Illinois as specified on the above certification term expiration date.

At least 15 days prior to the anniversary date of your certification, you will be notified by BEP to update your certification as a condition of continued certification. 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 BEP within two weeks. Failure to notify our office of 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 Service Disabled Veteran Owned Small Business (SDVOSB) 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 in the specialty area(s) of:

NIGP 91051: MASONRY, CONCRETE, AND STUCCO MAINTENANCE, FINISHING, AND REPAIR (INCLUDES INSIDE  
CONCRETE SAWING AND GROUTING WORK)  
NIGP 91345: CONSTRUCTION, SEWER AND STORM DRAIN  
NIGP 91356: CONSTRUCTION, UTILITY/UNDERGROUND PROJECTS  
NIGP 92678: REMEDIATION SERVICES, ENVIRONMENTAL (INCLUDING REHABILITATION SERVICES HAZARDOUS  
WASTE AND MOLD REMEDIATION)  
NIGP 95896: WASTE MANAGEMENT SERVICES  
NIGP 96155: MINING AND QUARRYING SERVICES  
NIGP 96239: HAULING SERVICES  
NIGP 96286: TRANSPORTATION OF GOODS, SHIPPING AND HANDLING, AND OTHER FREIGHT SERVICES  
NIGP 96832: DEMOLITION  
NIGP 96839: EXCAVATING  
NIGP 96869: SEWER MAINTENANCE AND REPAIR  
NIGP 96871: SOLID OR LIQUID WASTE DISPOSAL (INCLUDING MANAGEMENT SERVICES) (SEE 926-45 FOR  
HAZARDOUS WASTE DISPOSAL)  
NIGP 96872: SNOW AND ICE REMOVAL SERVICES  
NIGP 96888: TREE AND SHRUB REMOVAL SERVICES  
NIGP 98852: LANDSCAPING (INCLUDING DESIGN, FERTILIZING, PLANTING, ETC. BUT NOT GROUNDS MAINTENANCE  
OR TREE TRIMMING SERVICES)

Please visit our website at [www.opportunities.illinois.gov](http://www.opportunities.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. We welcome your participation and wish you continued

success.



Carlos Gutiérrez  
Certification Manager  
Business Enterprise Program



CONTRACT #	
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VOSB FIRM NAME:	
CIRCLE ALL THAT APPLY:	<input type="checkbox"/> VOSB <input type="checkbox"/> SDVOSB

CHECK ALL THAT APPLY:					
<input type="checkbox"/> PRIME	<input type="checkbox"/> JV PARTNER	<input type="checkbox"/> SUBCONTRACTOR	<input type="checkbox"/> TRUCKER	<input type="checkbox"/> SUPPLIER	<input type="checkbox"/> MANUFACTURER

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME):	<input type="checkbox"/> Y <input type="checkbox"/> N	TIER 2 OR BELOW:	<input type="checkbox"/> Y <input type="checkbox"/> N	UNDER CONTRACT TO:
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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 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.

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:		



## 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 or proposal.
- \_\_\_\_\_ 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 and proposals 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: \_\_\_\_\_



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:

- **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](http://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.





**ILLINOIS TOLLWAY**  
**STANDARD BUSINESS TERMS AND CONDITIONS**

ILLINOIS TOLLWAY CONTRACT NO.: I-18-4392

CONTRACTOR/CONSULTANT NAME: Curran Contracting Company

**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.

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**

Curran Contracting Co 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.
	<b>STANDARD TERMS AND CONDITIONS</b>
Section/ Subsection #	State the exception such as "add," "replace," and/or "delete."
	No exceptions
	<b>ADDITIONAL TERMS AND CONDITIONS</b>
New Provision(s), # et. seq.	Section/Subsection New Number, Title of New Subsection: State the new additional term or condition.
	None

\_\_\_\_\_ hereby agrees to the exceptions provided by Curran Contracting Co and to the Additional Terms and Conditions provided by Curran Contracting Company

Agreed: _____	Agreed: _____
By: M _____	By: _____
Signed: _____	Signed: _____
Position: Vice President /	Position: _____
Date: November 30, 2018	Date: _____





Sub-Contractor/Consultant Information/Delinquent Debt Review  
Contractor/Consultant  
Sub-Contractor/Consultant  
FEIN

Date: November 30, 2018 Project Number: I-18-4392

Project Name: Jane Addams Memorial Tollway(I-90) at Illinois Route 23(IL-23)

DELINQUENT DEBT REVIEW  
CONTRACTOR/  
CONSULTANT

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: Curran Contracting Company

Federal Employment Identification Number (FEIN): [REDACTED]

E-Mail: [estimating@currancontracting.com](mailto:estimating@currancontracting.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.


<u>Sub-Contractor(s)/Consultant(s)</u>	<u>Sub-Contractor/Consultant FEIN</u>	<u>Address</u>	<u>General Type of Work</u>	<u>Anticipated Amount of Contract to be Paid (to extent known) Sub-Contractor (dollar value) or Sub-Consultant (percentage)</u>
SEE ATTACHED				

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Curran Contracting Company  
attachment to TC-pg 8

I-18-4392/Jane Addams Memorial Tollway(I-90) at Illinois Route 23(IL-23)

Sub-Contractor(s)/Consultant(s)	Sub-Contractor/Consultant FEIN	Address	General type of work	anticipated amount of contract
✓ Aldridge Electric		844 E Rockland Rd, Libertyville IL 60048	electrical	**see below**
✓ **DND Electric		1111 E Touhy Ave DesPlaines IL 60118	electrical	\$1,598,778.00
✓ **Midco Electric		7237 W 90th Place Bridgeview IL 60455	electrical	\$63,703.23
✓ Viridian		3810 W Addison St, Chicago IL	sewer	\$1,569,963.00
✓ Traffic Control & Protection		225 Miles Parkway Barlett IL 60103	traffic control	\$15,763.71
✓ Sanco Traffic Control		200 Quaker Rd Rockford IL 61104	traffic control	\$345,949.29
✓ Del Toro Landscaping		18N061 Galligan Rd Dundee IL 60118	landscaping	\$852,558.91
✓ Interra		600 Traditional Dr, Ste G, Bolingboork IL	quality control	\$215,000.00
✓ Industrial Fence		1300 S Kilbourn Ave Chicago IL 60101	fence	\$455,776.00
✓ Sjostrom		PO Box 5766 Rockford IL 61125	concrete	\$4,087,732.00



Substance Abuse Prevention  
Program Certification  
Public Act 95-0635

Contract # I-18-4392 Today's Date 11/30/18

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.

☒ 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.

Curran Contracting Company

Contractor

President  
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

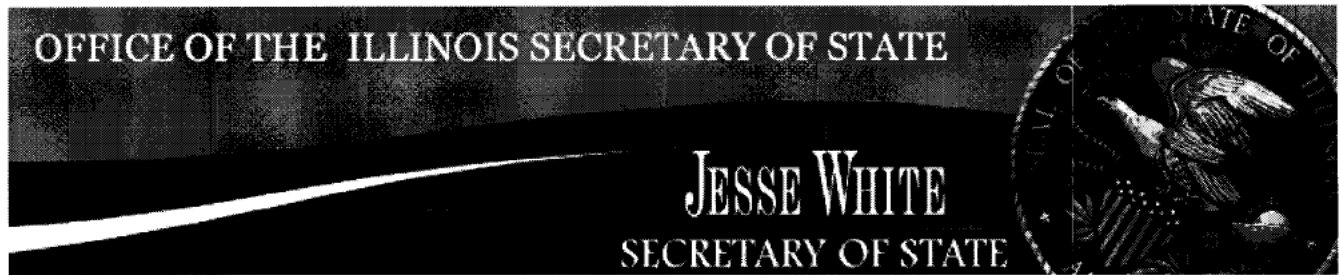
Name/Title of Authorized Representative

Signature of Authorized Representative

Subcontractor

Name/Title of Authorized Representative

Signature of Authorized Representative

**CORPORATION FILE DETAIL REPORT**

File Number	54617305		
Entity Name	CURRAN CONTRACTING COMPANY		
Status	ACTIVE		
Entity Type	CORPORATION	Type of Corp	DOMESTIC BCA
Incorporation Date (Domestic)	04/06/1987	State	ILLINOIS
Agent Name	TIMOTHY J CURRAN	Agent Change Date	03/10/2009
Agent Street Address	286 MEMORIAL COURT	President Name & Address	J RICK NOE 286 MEMORIAL COURT CRYSTAL LAKE IL 60014
Agent City	CRYSTAL LAKE	Secretary Name & Address	CATHERINE C CURRAN 286 MEMORIAL COURT CRYSTAL LAKE IL 60014
Agent Zip	60014	Duration Date	PERPETUAL
Annual Report Filing Date	03/23/2018	For Year	2018
Assumed Name	INACTIVE - SKOKIE VALLEY ASPHALT CO., INC. ACTIVE - ROYER ASPHALT PAVING		
Old Corp Name	04/15/1993 - CURRAN MATERIALS COMPANY		

[Return to the Search Screen](#)[Select Certificate of Good Standing for Purchase](#)**(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](#)

Curran Contracting

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

12:08 12/11/18

ACTION: S

VENDOR NUMBER= [REDACTED]

OFFSET: 00 OF 00

VENDOR NAME: \*

CLAIMING AGENCY NUMBER: \*

CLAIMING AGENCY NAME: \*

CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:

AS OF 12/11/18 AT 12:09 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

Aldridge Electric

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

12:08 12/11/18

ACTION: S

VENDOR NUMBER=

OFFSET: 00 OF 00

VENDOR NAME: \*

CLAIMING AGENCY NUMBER: \*

CLAIMING AGENCY NAME: \*

CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:

AS OF 12/11/18 AT 12:10 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

12:08 12/11/18

ACTION: S

VENDOR NUMBER= [REDACTED]

OFFSET: 00 OF 00

VENDOR NAME: \*

CLAIMING AGENCY NUMBER: \*

CLAIMING AGENCY NAME: \*

CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:

AS OF 12/11/18 AT 12:11 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

10:59 12/12/18

ACTION: S

VENDOR NUMBER=

OFFSET: 00 OF 00

VENDOR NAME: \*

CLAIMING AGENCY NUMBER: \*

CLAIMING AGENCY NAME: \*

CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:

AS OF 12/12/18 AT 11:00 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

Viridian

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

12:08 12/11/18

ACTION: S

VENDOR NUMBER= [REDACTED]

OFFSET: 00 OF 00

VENDOR NAME: \*

CLAIMING AGENCY NUMBER: \*

CLAIMING AGENCY NAME: \*

CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:

AS OF 12/11/18 AT 12:11 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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OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

12:08 12/11/18

ACTION: S

VENDOR NUMBER=

OFFSET: 00 OF 00

VENDOR NAME: \*

CLAIMING AGENCY NUMBER: \*

CLAIMING AGENCY NAME: \*

CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:

AS OF 12/11/18 AT 12:11 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER . 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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OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

12:08 12/11/18

ACTION: S

VENDOR NUMBER= [REDACTED]

OFFSET: 00 OF 00

VENDOR NAME: \*

CLAIMING AGENCY NUMBER: \*

CLAIMING AGENCY NAME: \*

CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:

AS OF 12/11/18 AT 12:12 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

12:08 12/11/18

ACTION: S

VENDOR NUMBER= [REDACTED]

OFFSET: 00 OF 00

VENDOR NAME: \*

CLAIMING AGENCY NUMBER: \*

CLAIMING AGENCY NAME: \*

CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:

AS OF 12/11/18 AT 12:12 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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OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

12:08 12/11/18

ACTION: S

VENDOR NUMBER= [REDACTED]

OFFSET: 00 OF 00

VENDOR NAME: \*

CLAIMING AGENCY NUMBER: \*

CLAIMING AGENCY NAME: \*

CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:

AS OF 12/11/18 AT 12:12 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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OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

12:08 12/11/18

ACTION: S

VENDOR NUMBER= [REDACTED]

OFFSET: 00 OF 00

VENDOR NAME: \*

CLAIMING AGENCY NUMBER: \*

CLAIMING AGENCY NAME: \*

CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:

AS OF 12/11/18 AT 12:13 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

12:08 12/11/18

ACTION: S

VENDOR NUMBER= [REDACTED]

OFFSET: 00 OF 00

VENDOR NAME: \*

CLAIMING AGENCY NUMBER: \*

CLAIMING AGENCY NAME: \*

CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:

AS OF 12/11/18 AT 12:19 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

**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: Curran Contracting Company

Taxpayer Identification Number:

Social Security Number: Click here to enter text.

or

Employer Identification Number

Legal Status (check one):

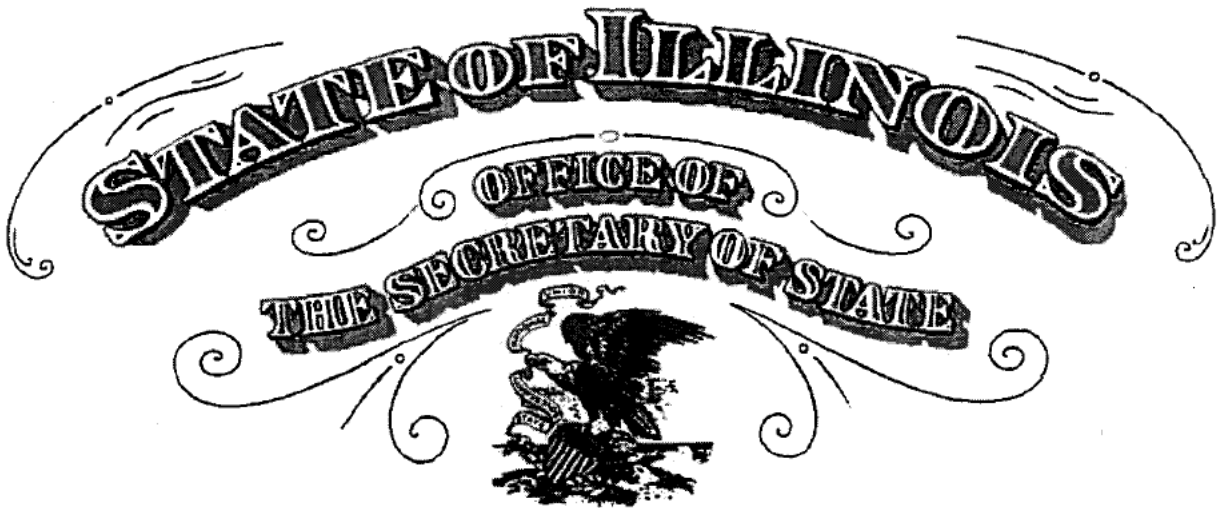
- |   |  |
|---|--|
| <input type="checkbox"/> Individual   | <input type="checkbox"/> Governmental  |
| <input type="checkbox"/> Sole Proprietor  | <input type="checkbox"/> Nonresident alien   |
| <input type="checkbox"/> Partnership  | <input type="checkbox"/> Estate or trust   |
| <input type="checkbox"/> Legal Services Corporation   | <input type="checkbox"/> Pharmacy (Non-Corp.)  |
| <input type="checkbox"/> Tax-exempt   | <input type="checkbox"/> Pharmacy/Funeral Home/Cemetery (Corp.)                              |
| <input type="checkbox"/> Corporation providing or billing<br>medical and/or health care services                | <input type="checkbox"/> Limited Liability Company<br>(select applicable tax classification) |
| <input checked="" type="checkbox"/> Corporation NOT providing or billing<br>medical and/or health care services | <input type="checkbox"/> C = corporation   |

Signature of Authorized Representative

Date: November 30, 2018

File Number

5461-730-5



***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***

CURRAN CONTRACTING COMPANY, A DOMESTIC CORPORATION, INCORPORATED UNDER THE LAWS OF THIS STATE ON APRIL 06, 1987, APPEARS TO HAVE COMPLIED WITH ALL THE PROVISIONS OF THE BUSINESS CORPORATION ACT OF THIS STATE RELATING TO THE PAYMENT OF FRANCHISE TAXES, AND AS OF THIS DATE, IS IN GOOD STANDING AS A DOMESTIC CORPORATION 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 26TH  
day of OCTOBER A.D. 2018 .***

Authentication #: 1829902816 verifiable until 10/26/2019  
Authenticate at: <http://www.cyberdriveillinois.com>

SECRETARY OF STATE

# Certificate of Registration

**STATE BOARD OF ELECTIONS**

Registration No. 11205

**Curran Contracting Company**

286 Memorial Court

Crystal Lake IL 60014

Information for this business last updated on:

Friday, February 16, 2018

Certificate produced on Friday, February 16, 2018 at 1:29 PM



**STATE OF ILLINOIS**  
**FORMS B CERTIFICATIONS AND DISCLOSURES**

IPB Reference #: 22043069

Procurement/Contract #: 1-18-4392

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 #: 20227553

IPG Expiration Date: 02/27/19

**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 500/50-10.51.

☒ 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 #
ISTHA	Orchard Rd Ramps	Open	3,422,875	RR-18-4403
ISTHA	I88	Open	83,562,598	RR-16-4254
ISTHA	Il Rt 47 Interchange	Open	14,058,392.88	I-16-4274
IDOT	IL 47	Open	2,047,474	62C34
IDOT	Annie Glidden Rd	Open	1,112,234	87664
IDOT	DeKalb & Kendall Co End Section Rpl	Open	1,677,677	66H68

**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: Curran Contracting Company

Phone: 815-455-5100

Street Address: 286 Memorial Court

Email: [estimating@currancontracting.com](mailto:estimating@currancontracting.com)

City, State, Zip: Crystal Lake IL 60014

Vendor Contact: Mike Leopardo

Signature

Date: November 30, 2018

Printed Name: Mike Leopardo /

Title: Vice President

## Vendor Registration: View

Help & Tools 

General	Public Profile	Users	Commodity Codes	Contacts & Owners	Comments	Certifications	Site Visits	Registrations
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Curran Contracting Company

System Vendor Number: 20227553

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	2/22/2018
STATUS	Accepted
REVIEWER	<a href="#">Andrew Shackelford</a>
DATE REVIEWED	2/27/2018
PUBLIC REVIEW COMMENTS	
PRIVATE REVIEW COMMENTS	
EXPIRATION DATE	2/27/2019
FLAG FORM	<a href="#">Add Flag</a>

## Settings

SMALL BUSINESS SET-ASIDE PROGRAM (SBSP) REGISTERED	No
REGISTERING AS A	Prime & Subcontractor

## Entity Information

BUSINESS NAME	Curran Contracting Company
CONTACT FOR THIS SUBMISSION	<a href="#">Barb Bensinger (change contact)</a>
PRIMARY CONTACT EMAIL	<a href="mailto:bbensinger@currancontracting.com">bbensinger@currancontracting.com</a>
PHONE	815-455-5100
FAX	815-455-7894
COMPANY EMAIL	<a href="mailto:estimating@currancontracting.com">estimating@currancontracting.com</a>
TAX ID NUMBER	
COMPANY TYPE	Corporation
ADDRESS	286 Memorial Court Crystal Lake, IL 60014 <a href="#">[edit address]</a>



## Vendor Registration: View Form

General	Public Profile	Users	Commodity Codes	Contacts & Owners	Comments	Certifications	Site Visits	Registrations
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Curran Contracting Company

System Vendor Number: 20227553

[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	2/22/2018
STATUS	Accepted
BUSINESS NAME	Curran Contracting Company
POINT OF CONTACT	<a href="#">Barb Bensinger</a>
FLAG FORM	<a href="#">Add Flag</a>

## A. Business Information

1. YOUR BUSINESS IS REGISTERING AS	Prime contractor and subcontractor	ju
A		
2. NAME OF CEO/BUSINESS OWNER	Rick Noe	ju
3. ANNUAL SALES/GROSS RECEIPTS	156,804,823	ju
4. WHEN WAS YOUR BUSINESS ESTABLISHED?	04/01/1979	ju
5. IN WHAT ILLINOIS COUNTY(IES) ARE YOU CONDUCTING BUSINESS?	The business conducts business statewide.	ju
6. CONTACT PERSON FOR THIS VENDOR REGISTRATION	Barb Bensinger	ju
CONTACT PERSON TITLE	Project Manager	
CONTACT PERSON PHONE	8154555100	
CONTACT PERSON EMAIL	bbensinger@currancontracting.com	

## B. Additional Information

1. HOW DID YOU LEARN ABOUT THE ILLINOIS PROCUREMENT GATEWAY?	Chief Procurement Office (CPO)	ju
	State Agency	

## Vendor Registration: View Form

Help & Tools [General](#) [Public Profile](#) [Users](#) [Commodity Codes](#) [Contacts & Owners](#) [Comments](#) [Certifications](#) [Site Visits](#) [Registrations](#)

Curran Contracting Company

System Vendor Number: 20227553

[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	2/22/2018
STATUS	Accepted
BUSINESS NAME	Curran Contracting Company
POINT OF CONTACT	<a href="#">Barb Bensinger</a>
FLAG FORM	<a href="#">Add Flag</a>

## 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).[Customer Support](#)

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## Vendor Registration: View Form

General	Public Profile	Users	Commodity Codes	Contacts & Owners	Comments	Certifications	Site Visits	Registrations
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Curran Contracting Company



System Vendor Number: 20227553

[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	2/22/2018
STATUS	Accepted
BUSINESS NAME	Curran Contracting Company
POINT OF CONTACT	<u>Barb Bensinger</u>
FLAG FORM	<u>Add Flag</u>

## D. Department of Human Rights (DHR)

1. HIGHEST NUMBER OF EMPLOYEES (INCLUDING FULL AND PART TIME EMPLOYEES) AT ANY TIME DURING THE PAST YEAR	221	
2. SELECT THE DHR STATUS OF YOUR BUSINESS	My business had 15 or more employees at any time within the past year.	
	95520-00 2/11/2019	

## 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	
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## 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
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Curran Contracting Company

System Vendor Number: 20227553

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## Vendor Registration

FORM NAME	F - G. Certifications & Board of Elections
DESCRIPTION	Complete section F - G, in order to submit the form.
DATE SUBMITTED	2/22/2018
STATUS	Accepted
BUSINESS NAME	Curran Contracting Company
POINT OF CONTACT	<u>Barb Bensinger</u>
FLAG FORM	<u>Add Flag</u>

## 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. 70

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 70

N/A

3. VENDOR CERTIFIES THAT IT HAS REVIEWED AND WILL COMPLY WITH THE DEPARTMENT OF EMPLOYMENT SECURITY LAW (20 ILCS 1005/1005-47) AS APPLICABLE 70

Yes

4. IF YOU ARE AWARDED A CONTRACT FOR WHICH THERE WAS A CURRENT VENDOR PROVIDING THE SERVICES COVERED BY THAT CONTRACT AND THE EMPLOYEES OF THAT VENDOR WHO PROVIDED THOSE SERVICES WERE COVERED BY A COLLECTIVE BARGAINING AGREEMENT, VENDOR CERTIFIES (I) THAT IT WILL OFFER TO ASSUME THE COLLECTIVE BARGAINING OBLIGATIONS OF THE PRIOR EMPLOYER, INCLUDING ANY EXISTING COLLECTIVE BARGAINING AGREEMENT WITH THE BARGAINING REPRESENTATIVE OF ANY EXISTING COLLECTIVE BARGAINING UNIT OR UNITS PERFORMING SUBSTANTIALLY SIMILAR WORK TO THE SERVICES COVERED BY THAT CONTRACT SUBJECT TO ITS BID OR OFFER; AND (II) THAT IT SHALL OFFER EMPLOYMENT TO ALL EMPLOYEES THAT ARE THEN CURRENTLY EMPLOYED IN ANY EXISTING BARGAINING UNIT WHO PERFORMS SUBSTANTIALLY SIMILAR WORK TO THE WORK THAT WILL BE PERFORMED PURSUANT TO THAT CONTRACT. THIS DOES NOT APPLY TO HEATING, AIR CONDITIONING, PLUMBING AND ELECTRICAL SERVICE CONTRACTS. 30 ILCS 500/25-80 70

Yes

5. 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 70

Yes

6. 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

7. 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

8. 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

9. 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

10. 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

11. 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

12. 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

13. 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

14. 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

15. 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

16. 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

17. 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

18. 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

19. 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

20. 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

21. 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

22. 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 OF ANY CHILD UNDER THE AGE OF 12. 30 ILCS 584

Yes

23. 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

24. VENDOR CERTIFIES THAT IF IT OWNS RESIDENTIAL BUILDINGS, THAT ANY VIOLATION OF THE LEAD POISONING PREVENTION ACT HAS BEEN MITIGATED. 410 ILCS 45

Yes

25. 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

26. 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

27. 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

28. 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

29. 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

30. 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

N/A

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.

11205

Additional Information

STAFF ATTACHED FILE(S)

Attach File

[Refresh List](#) after attaching file(s).



## Vendor Registration: View Form

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Curran Contracting Company

System Vendor Number: 20227553

[Return to Main Form](#)

## Vendor Registration

FORM NAME	H. Iran Disclosure
DESCRIPTION	Complete section H, in order to submit this form.
DATE SUBMITTED	2/22/2018
STATUS	Accepted
BUSINESS NAME	Curran Contracting Company
POINT OF CONTACT	<a href="#">Barb Bensinger</a>
FLAG FORM	<a href="#">Add Flag</a>

## 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).[Customer Support](#)

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## Vendor Registration: View Form

Help & Tools 

General	Public Profile	Users	Commodity Codes	Contacts & Owners	Comments	Certifications	Site Visits	Registrations
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Curran Contracting Company

System Vendor Number: 20227553

[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	2/22/2018
STATUS	Accepted
BUSINESS NAME	Curran Contracting Company
POINT OF CONTACT	<a href="#">Barb Bensinger</a>
FLAG FORM	<a href="#">Add Flag</a>

## I. Financial Disclosures &amp; 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?

Yes

Document

Status

Parent Form

Attached by Barb Bensinger on

[IPG Parent Financial Disclosures and Conflicts of Interest Form 02212018](#)

2/22/2018

(PDF, 464.60 KB)

## C. INSTRUMENT OF OWNERSHIP OR BENEFICIAL INTEREST

Corporate Stock (C-Corporation, S-Corporation, Professional Corporation, Service Corporation)

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.

Attached by Barb Bensinger on

[IPG Percentage of Ownership and Distributive Income Form 02162018](#)

2/22/2018

(PDF)

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?

Not applicable - No individuals disclosed in question 1

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?

Not applicable - No individuals disclosed in question 1

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?

Not applicable - No individuals disclosed in question 1

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?

Not applicable - No individuals disclosed in question 1

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.

Not applicable - No individuals disclosed in question 1

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.

Not applicable - No individuals disclosed in question 1

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?

Not applicable - No individuals disclosed in question 1

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?

Not applicable - No individuals disclosed in question 1

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?

Not applicable - No individuals disclosed in question 1

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?

Not applicable - No individuals disclosed in question 1

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?

Not applicable - No individuals disclosed in question 1

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?

Not applicable - No individuals disclosed in question 1

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?

Not applicable - No individuals disclosed in question 1

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?

Not applicable - No individuals disclosed in question 1

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: CURRAN CONTRACTING COMPANY

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
CURRAN GROUP INC	286 Memorial Court, Crystal Lake, IL 60014	100	Click here to enter text.	100	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.
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.

**ILLINOIS PROCUREMENT GATEWAY  
FINANCIAL DISCLOSURES AND CONFLICTS OF INTEREST FORM  
FOR PARENT ENTITY**

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This Financial Disclosures and Conflicts of Interest Form must be accurately completed and submitted by the Parent Entity with 100% ownership of the Vendor applying for or holding registration within the Illinois Procurement Gateway. If Parent Entity is 100% owned by another entity ("Parent's Parent Entity"), then the Parent's Parent Entity must complete this disclosure form. This disclosure requirement continues for each successive parent until the level where the parent entity does not have 100% ownership. Parent entities with less than 100% ownership do not need to complete this form.

There are seven steps to this form and each must be completed as instructed. The Agency/University will consider this form when evaluating the vendor's bid, offer, or proposal or awarding the contract.

The requirement of disclosure of financial interests and conflicts of interest is a continuing obligation. If circumstances change and the disclosure is no longer accurate, then disclosing entities must provide an updated form.

Vendor Name	Curran Contracting Company
Doing Business As (DBA)	Click here to enter text.
Disclosing Entity	Curran Group, Inc.
Disclosing Entity's Parent Entity	Click here to enter text.
Instrument of Ownership or Beneficial Interest	Corporate Stock (C-Corporation, S-Corporation, Professional Corporation, Service Corporation) <input type="checkbox"/> If you selected Other, please describe: Click here to enter text.



**FINANCIAL DISCLOSURES AND CONFLICTS OF INTEREST FORM  
FOR PARENT ENTITY**

**STEP 1  
SUPPORTING DOCUMENTATION SUBMITTAL**

You must select one of the six options below and select the documentation you are submitting. You must provide the documentation the applicable section requires with this form.

☐ **Option 1 – Publicly Traded Entities**

- 1.A. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership or distributive income share in excess of 5% or an amount greater than 60% (\$106,447.20) of the annual salary of the Governor.

OR

- 1.B. ☐ Attach a copy of the Federal 10-K or provide a web address of an electronic copy of the Federal 10-K, and skip to Step 3.

☐ **Option 2 – Privately Held Entities with more than 200 Shareholders**

- 2.A. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership or distributive income share in excess of 5% or an amount greater than 60% (\$106,447.20) of the annual salary of the Governor.

OR

- 2.B. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership share in excess of 5% and attach the information Federal 10-K reporting companies are required to report under 17 CFR 229.401.

☒ **Option 3 – All other Privately Held Entities, not including Sole Proprietorships**

- 3.A. ☒ Complete Step 2, Option A for each qualifying individual or entity holding any ownership or distributive income share in excess of 5% or an amount greater than 60% (\$106,447.20) of the annual salary of the Governor.

☐ **Option 4 – Foreign Entities**

- 4.A. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership or distributive income share in excess of 5% or an amount greater than 60% (\$106,447.20) of the annual salary of the Governor.

OR

- 4.B. ☐ Attach a copy of the Securities Exchange Commission Form 20-F or 40-F and skip to Step 3.

☐ **Option 5 – Not-for-Profit Entities**

- ☐ Complete Step 2, Option B.

☐ **Option 6 – Sole Proprietorships**

- ☐ Skip to Step 3.

**FINANCIAL DISCLOSURES AND CONFLICTS OF INTEREST FORM  
FOR PARENT ENTITY**

**STEP 2  
DISCLOSURE OF FINANCIAL INTEREST OR BOARD OF DIRECTORS**

Complete either Option A (for all entities other than not-for-profits) or Option B (for not-for-profits). Additional rows may be inserted into the tables or an attachment may be provided if needed.

**OPTION A – Ownership Share and Distributive Income**

**Ownership Share** – If you selected Option 1.A., 2.A., 2.B., 3.A., or 4.A. in Step 1, 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.

☒ Check here if including an attachment with requested information in a format substantially similar to the format below.

TABLE – X			
Name	Address	Percentage of Ownership	\$ Value of Ownership
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.	Click here to enter text.

**Distributive Income** – If you selected Option 1.A., 2.A., 3.A., or 4.A. In Step 1, 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.

☒ Check here if including an attachment with requested information in a format substantially similar to the format below.

TABLE – Y			
Name	Address	% of Distributive Income	\$ Value of Distributive Income
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.	Click here to enter text.

Step 2  
Option A-Distributive Income  
Table X Attachment

Name	Address	% of ownership of Curran Group Inc.
William Curran Sr		45%
Timothy Curran		10%
Catherine Curran		10%
Michael Curran		10%
Sue Rushmore		5%
Cynthia DeTrempe		5%
Patricia Poth		5%
Heather Stone		5%
Erik Curran		5%

Step 2  
Option B-Distributive Income  
Table Y Attachment

Name	Address	% of ownership of Curran Group Inc.
William Curran Sr		45%
Timothy Curran		10%
Catherine Curran		10%
Michael Curran		10%
Sue Rushmore		5%
Cynthia DeTrempe		5%
Patricia Poth		5%
Heather Stone		5%
Erik Curran		5%

**FINANCIAL DISCLOSURES AND CONFLICTS OF INTEREST FORM  
FOR PARENT ENTITY**

Please certify that the following statements are true.

I have disclosed all individuals or entities that hold an ownership interest of greater than 5% or greater than \$106,447.20.

☒ Yes ☐ No

I have disclosed 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 disclosing entity.

☒ Yes ☐ No

**OPTION B – Disclosure of Board of Directors (Not-for-Profits)**

If you selected Option 5 in Step 1, list members of your board of directors. Please include an attachment if necessary.

TABLE – Z	
Name	Address
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.

**STEP 3  
PROHIBITED CONFLICTS OF INTEREST**

Step 3 must be completed for each person disclosed in Step 2, Option A and for sole proprietors identified in Step 1, Option 6 above. Please provide the name of the person for which responses are provided: William Curran Sr, Timothy Curran, Catherine Curran, Michael Curran, Sue Rushmore, Cynthia DeTrempe, Patricia Poth, Heather Stone and Erik Curran

1. Do you hold or are you the spouse or minor child who holds an elective office in the State of Illinois or hold a seat in the General Assembly? ☐ Yes ☒ No
2. Have you, your spouse, or minor child been 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? ☐ Yes ☒ No
3. Are you or are you the spouse or minor child of an officer or employee of the Capital Development Board or the Illinois Toll Highway Authority? ☐ Yes ☒ No

**FINANCIAL DISCLOSURES AND CONFLICTS OF INTEREST FORM  
FOR PARENT ENTITY**

4. Have you, your spouse, or an immediate family member who lives in your residence currently or who lived in your residence within the last 12 months been 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? ☐ Yes ☒ No
5. If you answered yes to any question in 1-4 above, please answer the following: Do you, your spouse, or minor child receive from the vendor more than 7.5% of the vendor's total distributable income or an amount of distributable income in excess of the salary of the Governor (\$177,412.00)? ☐ Yes ☐ No
6. If you answered yes to any question in 1-4 above, please answer the following: Is there a combined interest of self with spouse or minor child more than 15% (\$354,824.00) in the aggregate of the vendor's distributable income or an amount of distributable income in excess of two times the salary of the Governor? ☐ Yes ☐ No

**STEP 4  
POTENTIAL CONFLICTS OF INTEREST RELATING TO PERSONAL RELATIONSHIPS**

Step 4 must be completed for each person disclosed in Step 2, Option A and for sole proprietors identified in Step 1, Option 6 above.

Please provide the name of the person for which responses are provided: : William Curran Sr, Timothy Curran, Catherine Curran, Michael Curran, Sue Rushmore, Cynthia DeTrempe, Patricia Poth, Heather Stone and Erik Curran

1. Do you currently have, or in the previous 3 years have you had State employment, including contractual employment of services? ☐ Yes ☒ No
2. Has your spouse, father, mother, son, or daughter, had State employment, including contractual employment for services, in the previous 2 years? ☐ Yes ☒ No
3. Do you hold currently or have you 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? ☐ Yes ☒ No
4. Do you have a relationship to anyone (spouse, father, mother, son, or daughter) holding elective office currently or in the previous 2 years? ☐ Yes ☒ No
5. Do you hold or have you 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 office? ☐ Yes ☒ No
6. Do you have a relationship to anyone (spouse, father, mother, son, or daughter) holding appointive office currently or in the previous 2 years? ☐ Yes ☒ No
7. Do you currently have or in the previous 3 years had employment as or by any registered lobbyist of the State government? ☐ Yes ☒ No

**FINANCIAL DISCLOSURES AND CONFLICTS OF INTEREST FORM  
FOR PARENT ENTITY**

8. Do you 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? ☐ Yes ☒ No
9. Do you 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? ☐ Yes ☒ No
10. Do you 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? ☐ Yes ☒ No

**STEP 5  
EXPLANATION OF AFFIRMATIVE RESPONSES**

If you answered "Yes" in Step 3 or Step 4, please provide on an additional page a detailed explanation that includes, but is not limited to the name, salary, State agency or university, and position title of each individual.

Click here to enter text.

**STEP 6  
POTENTIAL CONFLICTS OF INTEREST  
RELATING TO DEBARMENT & LEGAL PROCEEDINGS**

This step must be completed for each person disclosed in Step 2, Option A, Step 3, and for each entity and sole proprietor disclosed in Step 1.

Please provide the name of the person or entity for which responses are provided: : William Curran Sr, Timothy Curran, Catherine Curran, Michael Curran, Sue Rushmore, Cynthia DeTrempe, Patricia Poth, Heather Stone, Erik Curran, and Curran Group, Inc.

1. Within the previous ten years, have you had debarment from contracting with any governmental entity? ☐ Yes ☒ No
2. Within the previous ten years, have you had any professional licensure discipline? ☐ Yes ☒ No
3. Within the previous ten years, have you had any bankruptcies? ☐ Yes ☒ No



**FINANCIAL DISCLOSURES AND CONFLICTS OF INTEREST FORM  
FOR PARENT ENTITY**

4. Within the previous ten years, have you had any adverse civil judgments and administrative findings? ☐ Yes ☒ No
5. Within the previous ten years, have you had any criminal felony convictions? ☐ Yes ☒ No

If you answered "Yes", please provide a detailed explanation that includes, but is not limited to the name, State agency or university, and position title of each individual. Click here to enter text.

**STEP 7  
SIGN THE DISCLOSURE**

This disclosure is signed, and made under penalty of perjury for all for-profit entities, by an authorized officer or employee on behalf of the bidder or offeror pursuant to Sections 50-13 and 50-35 of the Illinois Procurement Code. This disclosure information is submitted on behalf of:

Name of Disclosing Entity: Curran Group, Inc.

Signature

Date: February 21, 2018

Printed Name: Jim Lancaster

Title: CFO

Phone Number: 815-455-5100

Email Address: jlancaster@currancontracting.com

IPB Reference Number 22043069

Date Created November 1, 2018

[Print Form](#)SPO Determination  
Reference Number

Date Created

**SPO DETERMINATION FORM****STEP #1 AGENCY PROCUREMENT METHOD REVIEW AND APPROVAL**

Agency Name THA - Toll Highway Authority

Estimated Cost of Procurement 23,905,001

Project Title

THA: I-18-4392 - Interchange Construction, Jane Addams  
Memorial Tollway at Illinois Route 23

Procurement Method IFB

Small Business Set-Aside (Y/N?) No

Brief Description (Include Special Conditions and existing Contract # if any action against an existing contract)

The work under this Contract shall consist of: construction of a new eastbound off ramp from I-90 to IL 23, a new eastbound on ramp from IL 23 to I-90, a new westbound off ramp from I-90 to IL 23, and a new westbound on ramp from IL 23 to I-90; reconstruction and widening of IL 23 and Harmony Rd; reconstruction of the IL 23 and Harmony Road intersection to a roundabout intersection; construction of new toll plazas and buildings on ramps A, C, and D; construction of new lighting, drainage improvements, guardrail, and landscaping; erosion and sediment control; maintenance of traffic; and other miscellaneous work. The work is to be performed on: the Jane Addams Memorial Tollway (I-90) between Mile Post 35.5 and Mile Post 36.5 and along Illinois Route 23 (IL 23) from just north of Harmony Rd to just south of Coon Creek Rd in McHenry County, Illinois.

Critical Contract Dates

February 22, 2019 and October 23, 2021

APO Signature verifying submission

Date December 10, 2018

SPO Signature verifying receipt

Date

SPO Signature denying approval

Date

(APO should attach any additional documentation that may assist the SPO in this determination)

SPO's Comments/Recommendations regarding Approval/Disapproval of Procurement Method

SPO Signature approving method

Date December 10, 2018

**STEP #2 SOLICITATION REVIEW AND APPROVAL**

IPB Reference Number

22043069

**2.1. Agency's Submission of Draft Solicitation Document to SPO**

APO Signature verifying submission

Date December 10, 2018

SPO Signature verifying receipt

Date

SPO Signature denying approval

Date

SPO's Comments/Recommendations regarding Approval/Disapproval of Draft Solicitation

**2.2. Agency's Re-Submission if Necessary**

APO Signature verifying re-submission

Date

SPO Signature verifying receipt

Date

**2.3. SPO's Publishing of Solicitation on Illinois Procurement Bulletin**

SPO Signature approving Draft Solicitation

Date December 10, 2018

Date Published November 1, 2018

Date Opening November 30, 2018

**STEP #3 AWARD REVIEW AND APPROVAL**

IPB Reference Number 22043069

**3.1. Agency's Request to Award**

Award Type	Contract Award Notice	Date Created	December 13, 2018
APO Signature verifying submission		Date	December 13, 2018
SPO Signature verifying receipt		Date	
SPO Signature denying approval		Date	

(APO shall attach additional documentation that assists the SPO in this determination)

SPO's Comments/Recommendations regarding Approval/Disapproval of Request to Award

December 2018 Board Item: Curran Contracting Company  
Award Amount: \$20,122,221.99  
Disclosures Approved: 12/12/18  
Pending Board Approval

**3.2. Agency's Re-Submission if Necessary**

APO Signature verifying re-submission		Date	
SPO Signature verifying receipt		Date	

**3.3. SPO's Approval of Award**

SPO's Signature approving Award		Date	December 14, 2018
Date Published	December 13, 2018	Date Closing	December 27, 2018

**3.4. SPO's Reasons for Contract Award Decision**

The SPO sets forth the reasoning for the contract award decision by checking the appropriate box below.

- ☐ The rationale described by the purchasing agency in the recommendation to award seems reasonable, and serves as the basis for the contract decision.
- ☒ The contract was procured through the Invitation for Bid process, and the contract has been awarded to the lowest priced responsive and responsible bidder.
- The contract is a change order where the circumstances that necessitate the change in performance were not reasonably foreseeable at the time the contract was signed, or the change is germane to the original contract and reasonable in size and scope, or the change is in the best interest of the State. The change order is based on the purchasing agency's justification.
- ☐ The contract is an amendment germane to the original contract, reasonable in size and scope, and in the best interest of the State. The award decision is based on the purchasing agency's justification.
- ☐ The contract is a renewal in accordance with the terms of the existing contract. The award decision is based on justification presented by the purchasing agency's justification.
- ☐ Other (Description here)

## STEP #4 CONTRACT REVIEW AND APPROVAL

IPB Reference Number

22043069

### 4.1. Agency's Provision of Contract to SPO

Contract Number

I-18-4392

APO Signature verifying submission

Date January 17, 2019

SPO Signature verifying receipt

Date

SPO Signature denying approval

Date

SPO's Comments/Recommendations regarding Approval/Disapproval of Contract:

### 4.2. Agency's Re-Submission if Necessary

APO Signature verifying re-submission

Date

SPO Signature verifying receipt

Date

### 4.3. SPO's Approval for Contract Execution

SPO's Signature approving Contract

Date January 17, 2019



**Illinois Department  
of Transportation**

## Certificate of Eligibility

Curran Contracting Company  
286 Memorial Court Crystal Lake, IL 60014

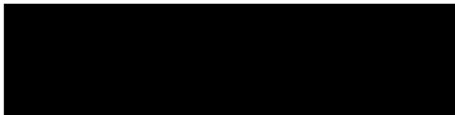
Contractor No 1305

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	\$45,225,000
003	HMA PLANT MIX	Unlimited
012	DRAINAGE	\$2,800,000
017	CONCRETE CONSTRUCTION	\$3,975,000
032	COLD MILL, PLAN. & ROTOMILL	\$9,025,000
08A	AGGREGATE BASES & SURF. (A)	\$6,600,000

THIS CERTIFICATE OF ELIGIBILITY IS VALID FROM 4/5/2018 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 4/6/2018.

  
Engineer of Construction

## PART III: CONTRACT REQUIREMENTS

Contract Bond Agreement

Performance Bond

Payment Bond

Insurance



# AGREEMENT

CONTRACT NO: I-18-4392

THIS AGREEMENT, authorized by the Board of Directors to be entered into in duplicate this day of 20th, December 2018 by and between THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY (hereinafter referred to as the "AUTHORITY"), and Curran Contracting Company,

- \* 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 Crystal Lake, 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-18-4392

(USE INK ONLY)

THIS AGREEMENT, authorized by the Board of Directors to be entered into in duplicate this day of \_\_\_\_\_, 2018 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.

## 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.
9. The Bid.
10. The Instructions 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-18-4392**

### **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 October 23, 2019, 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 October 23, 2021.

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.

**CONTRACT NO: I-18-4392**

**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-18-4392**

### **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-18-4392  
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 **Curran Contracting Company** at:

286 Memorial Court

Crystal Lake, IL 60014

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:

12/13/18

President

Date

MICHAEL PACALA

Printed Name as Signed Above

ATTEST:

(Seal)

Secretary

Barbara A. Bensinger

Printed Name as Signed Above

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

APPROVED:

1/28/19

Robert J. Schillerstrom, Chairman/Elizabeth Gorman, Executive Director

Date

APPROVED:

1-24-19

Michael Colsch, Chief Financial Officer

Date

APPROVED:

1-17-2019

Elizabeth M.S. Oplawski, Acting General Counsel

Date

Robert T. Lane,

Approved as to Form and Constitutionality

1/17/19

Robert Lane, Senior Assistant Attorney General, State of Illinois

Date

Tiffany Schafer,

**CORPORATION SIGNATURE FORM**

At a meeting on December 11, 2018, the Board of Directors  
of Curran Contracting Company adopted the following Resolution:  
(Name of Corporation)

“BE IT RESOLVED that Joseph J. Francis, Barb Bensinger and  
Michael Pachla  
(Name of Individuals)

are hereby authorized, directed and empowered, on behalf of

Curran Contracting Company

(Name of Corporation)

to execute the contract and any and all contract modifications or  
documentation in connection with The Illinois State Toll Highway  
Authority’s Contract No. I-18-4392.”

I, Catherine C. Curran, Secretary of the aforesaid corporation,  
do hereby certify that the foregoing is a true and correct copy of a Resolution  
adopted as above set forth.

(Corporate Seal)

12/13/18

Date

  
Secretary



**UNANIMOUS WRITTEN CONSENT OF THE  
BOARD OF DIRECTORS OF  
CURRAN CONTRACTING COMPAPNY  
(IN LIEW OF SPECIAL MEETING)**

The undersigned, being all of the Directors of **CURRAN CONTRACTING COMPANY**, an Illinois Corporation (the "Corporation"), acting pursuant to the by-laws of the Corporation and Section 7.20 of the Illinois Business Corporation Act, do consent to the Directors, and waive any notice required to be given in connection with such meeting and do approve and adopt the following resolution:

RESOLVED, that Rick Noe (President), Michael Pachla (Vice President), Michael S. Leopardo (Vice President) and Joseph J. Francis (Project Manager) are each individually authorized to execute and bind this Corporation to contracts and agreements related to Contract I-16-4274 with the Illinois State Toll Highway Authority, 2700 Ogden Avenue, Downers Grove, IL 60515, and that Barbara A. Bensinger (Assistant Secretary) is individually authorized to attest to the signature of any officer of the Corporation.

IN WITNESS WHEREOF, the undersigned have executed this Consent and directed that it be placed with the records of the Board of Directors of the Corporation this 11th day of December 2018.



Timothy J. Curran

Michael J. Curran



Catherine C. Curran

Being all of the  
Directors  
of said Corporation.



**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 Curran Contracting Company

Address 286 Memorial Court

City Crystal Lake State IL Zip 60014

Contract Number I-18-4392

Estimated Contract Start Date 02/22/19

Estimated Contract End Date 10/23/19

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-18-4392

PERFORMANCE BOND

Bond No. 30058616

KNOW ALL PERSONS BY THESE PRESENTS, That we, Curran Contracting Company,  
(Name of Principal)

- ☒ a corporation organized and existing under the laws of the State of Illinois 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

(Name of Surety)

a corporation organized and existing under the laws of the State of Illinois 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 Twenty Million One Hundred Twenty-Two Thousand Two Hundred Twenty-One Dollars and Ninety Nine Cents (\$20,122,221.99), 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-18-4392 Interchange Construction Jane Addams Memorial Tollway (I-90) at

(Insert Contract Number and Description)

Illinois Route 23 (IL 23) Mile Post 35.5 to Mile Post 36.5

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 12th day of December, 2018.

Surety Continental Casualty Company

Principal Curran Contracting Company

Address 151 N Franklin Street

Address 286 Memorial Court

Chicago IL 60606

Crystal Lake IL 60014

By

Attorney in Fact

By

(Signature)

(Seal)

MICHAEL PACHLA V.P.  
(Name & Title)

Agent for

Surety Susan Landreth, Willis of Illinois, Inc.

Attest

Asst. Corporate Secretary

Address Willis Tower, 233 South Wacker Drive  
Suite 2000

Chicago, IL 60606

(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)

**NOTARY ACKNOWLEDGMENT OF SURETY:**

State of Connecticut

County of Hartford ss.

On this the 12th day of December, 2018, before me, Danielle D. Johnson, the undersigned officer, personally appeared Joshua Sanford, known to me (or satisfactorily proven) to be the person whose name is subscribed as Attorney-In-Fact for Continental Casualty Company, and acknowledged that s/he executed the same as the act of his/her principal for the purposes therein contained.

In witness whereof I hereunto set my hand.



Signature of Notary Public

Date Commission Expires: January 31, 2023

Danielle D. Johnson

Printed Name of Notary

**DANIELLE D. JOHNSON**

**NOTARY PUBLIC - CT 175556**

MY COMMISSION EXPIRES JAN. 31, 2023

## 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

**Donna M Planeta, Joshua Sanford, Aimee R Perondine, Aiza Anderson, Danielle D Johnson, Michelle Anne McMahon, Noah William Pierce, Saykham Chanthasone, Individually**

of Hartford, CT, 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 -

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 6th day of July, 2018.



Continental Casualty Company  
National Fire Insurance Company of Hartford  
American Casualty Company of Reading, Pennsylvania

Paul T. Bruflat Vice President

State of South Dakota, County of Minnehaha, ss:

On this 6th day of July, 2018, 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.



My Commission Expires June 23, 2021

J. Mohr Notary Public

### CERTIFICATE

I, D. Johnson, 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 19th day of December, 2018.



Continental Casualty Company  
National Fire Insurance Company of Hartford  
American Casualty Company of Reading, Pennsylvania

D. Johnson Assistant Secretary

Form F6853-4/2012

Go to [www.cnasurety.com](http://www.cnasurety.com) > Owner / Oblige Services > Validate Bond Coverage, if you want to verify bond authenticity.

## **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 25<sup>th</sup> 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 25<sup>th</sup> 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 25<sup>th</sup> 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.”



THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

CONTRACT NO. I-18-4392

PAYMENT BOND

Bond No. 30058616

KNOW ALL PERSONS BY THESE PRESENTS, That we, Curran Contracting Company,  
(Name of Principal)

- ☒ a corporation organized and existing under the laws of the State of Illinois 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

(Name of Surety)

a corporation organized and existing under the laws of the State of Illinois 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 Twenty Million One Hundred Twenty-Two Thousand Two Hundred Twenty-One Dollars and Ninety Nine Cents (\$20,122,221.99), 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-18-4392 Interchange Construction Jane Addams Memorial Tollway (I-90) at

(Insert Contract Number and Description)

Illinois Route 23 (IL 23) Mile Post 35.5 to Mile Post 36.5

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 12th day of December, 2018.

Surety Continental Casualty Company

Principal Curran Contracting Company

Address 151 N Franklin Street

Address 286 Memorial Court

Chicago IL 60606

Crystal Lake IL 60014

B

By

in Fact

(Signature)

(Seal)

MICHAEL PACALA V.P.  
(Name & Title)

Agent for  
Surety Susan Landreth, Willis of Illinois, Inc.

Atte

Asst. Corporate Secretary

Address Willis Tower, 233 South Wacker Drive  
Suite 2000

Chicago, IL 60606

(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)

**NOTARY ACKNOWLEDGMENT OF SURETY:**

State of Connecticut

County of Hartford ss.

On this the 12th day of December, 20 18, before me, Danielle D. Johnson, the undersigned officer, personally appeared Joshua Sanford, known to me (or satisfactorily proven) to be the person whose name is subscribed as Attorney-In-Fact for Continental Casualty Company, and acknowledged that s/he executed the same as the act of his/her principal for the purposes therein contained.

In witness whereof I hereunto set my hand.



Signature of Notary Public

Date Commission Expires: January 31, 2023

Danielle D. Johnson

Printed Name of Notary

**DANIELLE D. JOHNSON**  
**NOTARY PUBLIC - CT 175556**  
**MY COMMISSION EXPIRES JAN. 31, 2023**

## 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

**Donna M Planeta, Joshua Sanford, Aimee R Perondine, Aiza Anderson, Danielle D Johnson, Michelle Anne McMahon, Noah William Pierce, Saykham Chanthasone, Individually**

of Hartford, CT, 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 -

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 6th day of July, 2018.

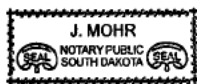


Continental Casualty Company  
National Fire Insurance Company of Hartford  
American Casualty Company of Reading, Pennsylvania

Paul T. Bruflat Vice President

State of South Dakota, County of Minnehaha, ss:

On this 6th day of July, 2018, 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.



My Commission Expires June 23, 2021

J. Mohr Notary Public

### CERTIFICATE

I, D. Johnson, 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 12th day of December, 2018.



Continental Casualty Company  
National Fire Insurance Company of Hartford  
American Casualty Company of Reading, Pennsylvania

D. Johnson Assistant Secretary

Form F6853-4/2012

Go to [www.cnasurety.com](http://www.cnasurety.com) > Owner / Obligee Services > Validate Bond Coverage, if you want to verify bond authenticity.

## 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 25<sup>th</sup> 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 25<sup>th</sup> 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 25<sup>th</sup> 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."



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

1/2/2019

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 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).

<b>PRODUCER</b> The Horton Group 10320 Orland Parkway Orland Park IL 60467	<b>CONTACT NAME:</b> Certificates Team	
	<b>PHONE (A/C, No, Ext):</b> 708-845-3917	<b>FAX (A/C, No):</b> 708-845-4145
<b>E-MAIL ADDRESS:</b> constructioncerts@thehortongroup.com		
<b>INSURER(S) AFFORDING COVERAGE</b>		
<b>INSURED</b> CURRA-3 Curran Contracting Company 286 Memorial Court Crystal Lake IL 60014	<b>INSURER A:</b> Berkley Assurance Company	<b>NAIC #</b> 39462
	<b>INSURER B:</b> Arch Insurance Company	11150
	<b>INSURER C:</b> First Specialty Insurance Corporation	34916
	<b>INSURER D:</b> RSUI Indemnity Company	22314
	<b>INSURER E:</b> Endurance American Specialty Insurance Company	41718
<b>INSURER F:</b>		

**COVERAGES****CERTIFICATE NUMBER:** 1185947519**REVISION NUMBER:**

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 SUBR INSR	WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC	Y	Y	41PKG8953600	10/1/2018	10/1/2019	EACH OCCURRENCE \$ 5,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 5,000,000 GENERAL AGGREGATE \$ 5,000,000 PRODUCTS - COM/OP AGG \$ 5,000,000 \$
B	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	Y	Y	41PKG8953600	10/1/2018	10/1/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 5,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
C	<b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE  DED <input checked="" type="checkbox"/> RETENTION \$ 0	Y	Y	IRE 2001286 00	10/1/2018	10/1/2019	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
B B	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y/N <input checked="" type="checkbox"/> N N/A	Y	Y	41WCI8953400 - AOS 44WCI8953500 - CA KY MN MO OR & TX	10/1/2018 10/1/2018	10/1/2019 10/1/2019	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A D E	Pollution/Professional Excess Liability Excess Liability	Y Y Y	Y Y Y	PCAB5003449-1017 NHA084172 EXC10004219005	10/1/2018 10/1/2018 10/1/2018	10/1/2019 10/1/2019 10/1/2019	Occurrence/Aggregate Limit \$5M / \$5M \$15M / \$15M \$25M / \$25M

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)**

Additional insured on a primary non contributory basis with respect to general liability, auto liability, excess and pollution liability only when required by written contract. Waiver of subrogation in favor of the additional insureds will apply to general liability, auto liability, workers compensation, excess and pollution liability where permitted by law and only when required by written contract. Excess follows form. General Liability Deductible: \$250,000 Each Occurrence

RE: Contract I-18-4392 Interchange Construction Jane Addams Memorial Tollway (I-90) at Illinois Route 23 (IL 23)

Additional insured: the Illinois State Toll Highway Authority, the Illinois Department of Transportation, McHenry County Division of Transportation, City of Marengo, Riley Township, WSP USA, and HTNB, their agents and employees, The Consulting Engineer, the Program Management Office (PMO), Project See Attached...

**CERTIFICATE HOLDER****CANCELLATION**

The Illinois State Toll Highway Authority Attention: Risk Management 2700 Ogden Avenue Downers Grove IL 60515	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	<b>AUTHORIZED REPRESENTATIVE</b> 

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AGENCY CUSTOMER ID: CURRA-3

LOC #: \_\_\_\_\_



## ADDITIONAL REMARKS SCHEDULE

Page 1 of 1

AGENCY The Horton Group		NAMED INSURED Curran Contracting Company 286 Memorial Court Crystal Lake IL 60014
POLICY NUMBER		
CARRIER	NAIC CODE	EFFECTIVE DATE:

### ADDITIONAL REMARKS

**THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,**  
**FORM NUMBER:** 25 **FORM TITLE:** CERTIFICATE OF LIABILITY INSURANCE

Manager, Design Section Engineer, Design Corridor Manager, Construction Manager, and Construction Corridor Manager

Excess policy no. IRE 2001286 00 (\$5M Limit)  
 Excess policy no. NHA084172 (\$15M excess of \$5M)  
 Excess policy no. EXC10004219005 (\$25M Excess of \$20M)



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
All parties where required by written contract	All locations where required by written contract
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.

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 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.

- C. 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.

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  
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

### SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location And Description Of Completed Operations
All parties where required by written contract	All locations where required by written contract
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" 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".

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.

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**PRIMARY AND NONCONTRIBUTORY –  
OTHER INSURANCE CONDITION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART  
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

The following is added to the **Other Insurance** Condition and supersedes any provision to the contrary:

**Primary And Noncontributory Insurance**

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured under your policy provided that:

(1) The additional insured is a Named Insured under such other insurance; and

(2) You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.

## WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART  
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

### SCHEDULE

**Name Of Person Or Organization:**

All parties where required by written contract

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The following is added to Paragraph 8. **Transfer Of Rights Of Recovery Against Others To Us** of Section IV – Conditions:

We waive any right of recovery we may have against the person or organization shown in the Schedule above because of payments we make for injury or damage arising out of your ongoing operations or "your work" done under a contract with that person or organization and included in the "products-completed operations hazard". This waiver applies only to the person or organization shown in the Schedule above.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

## DESIGNATED CONSTRUCTION PROJECT(S) GENERAL AGGREGATE LIMIT

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

### SCHEDULE

**Designated Construction Project(s):**

Applies to all construction projects of the insured unless otherwise excluded

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

- A. For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section I – Coverage A, and for all medical expenses caused by accidents under Section I – Coverage C, which can be attributed only to ongoing operations at a single designated construction project shown in the Schedule above:
1. A separate Designated Construction Project General Aggregate Limit applies to each designated construction project, and that limit is equal to the amount of the General Aggregate Limit shown in the Declarations.
  2. The Designated Construction Project General Aggregate Limit is the most we will pay for the sum of all damages under Coverage A, except damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard", and for medical expenses under Coverage C regardless of the number of:
    - a. Insureds;
    - b. Claims made or "suits" brought; or
    - c. Persons or organizations making claims or bringing "suits".
  3. Any payments made under Coverage A for damages or under Coverage C for medical expenses shall reduce the Designated Construction Project General Aggregate Limit for that designated construction project. Such payments shall not reduce the General Aggregate Limit shown in the Declarations nor shall they reduce any other Designated Construction Project General Aggregate Limit for any other designated construction project shown in the Schedule above.
  4. The limits shown in the Declarations for Each Occurrence, Damage To Premises Rented To You and Medical Expense continue to apply. However, instead of being subject to the General Aggregate Limit shown in the Declarations, such limits will be subject to the applicable Designated Construction Project General Aggregate Limit.

- B.** For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section I – Coverage A, and for all medical expenses caused by accidents under Section I – Coverage C, which cannot be attributed only to ongoing operations at a single designated construction project shown in the Schedule above:
1. Any payments made under Coverage A for damages or under Coverage C for medical expenses shall reduce the amount available under the General Aggregate Limit or the Products-completed Operations Aggregate Limit, whichever is applicable; and
  2. Such payments shall not reduce any Designated Construction Project General Aggregate Limit.
- C.** When coverage for liability arising out of the "products-completed operations hazard" is provided, any payments for damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard" will reduce the Products-completed Operations Aggregate Limit, and not reduce the General Aggregate Limit nor the Designated Construction Project General Aggregate Limit.
- D.** If the applicable designated construction project has been abandoned, delayed, or abandoned and then restarted, or if the authorized contracting parties deviate from plans, blueprints, designs, specifications or timetables, the project will still be deemed to be the same construction project.
- E.** The provisions of Section III – Limits Of Insurance not otherwise modified by this endorsement shall continue to apply as stipulated.



**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**ADDITIONAL INSURED - BLANKET**

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM  
BUSINESS AUTO COVERAGE FORM  
MOTOR CARRIER COVERAGE FORM

Under **Covered Autos Liability Coverage**, the **Who is An Insured** provision is amended to include as an "insured" the person or organization who is required under a written contract to be included as an "insured" under this policy, but only with respect to their legal liability for your acts or omissions or the act or omissions of a person for whom **Covered Autos Liability Coverage** is afforded under this policy.

All other terms and conditions of this policy remain unchanged.

Endorsement Number:

Policy Number: 41PKG8953600

Named Insured:

This endorsement is effective on the inception date of this Policy unless otherwise stated herein:

Endorsement Effective Date: 10/01/2018

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**PRIMARY AND NON-CONTRIBUTING INSURANCE ENDORSEMENT -  
DESIGNATED CONTRACT(S)**

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM  
GARAGE COVERAGE FORM

**SCHEDULE**

**Designated**

**Contract(s):** All parties where required in a written contract.

With respect to the contract(s) designated in the Schedule above, it is agreed that the following subparagraph e. is added to **SECTION IV - BUSINESS AUTO CONDITIONS**, Paragraph B. 5. and **SECTION V - GARAGE CONDITIONS**, Paragraph B. 5.

**5. Other Insurance**

- e. With respect to **SECTION II - LIABILITY COVERAGE**, where you are specifically required by a written contract designated in the Schedule above to provide insurance that is primary and non-contributory, and the written contract designated in the Schedule above so requiring is executed by you before any "accident", this insurance will be primary and the other insurance will not contribute with this insurance, but only to the extent required by that written contract.

All other terms and conditions of this Policy remain unchanged.

Endorsement Number:

Policy Number: 41PKG8953600

Named Insured:

This endorsement is effective on the inception date of this Policy unless otherwise stated herein:

Endorsement Effective Date: 10/01/2018

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**WAIVER OF TRANSFER OF RIGHTS OF RECOVERY  
AGAINST OTHERS TO US (WAIVER OF SUBROGATION)**

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM  
BUSINESS AUTO PHYSICAL DAMAGE COVERAGE FORM  
GARAGE COVERAGE FORM  
MOTOR CARRIER COVERAGE FORM  
TRUCKERS COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

**Named Insured:**

**Endorsement Effective Date:** 10/01/2018

**SCHEDULE**

**Name(s) Of Person(s) Or Organization(s):**

Any person or organization where waiver of our right to recover is permitted by law and is required by written contract provided such contract was executed prior to the loss

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The **Transfer Of Rights Of Recovery Against Others To Us** Condition does not apply to the person(s) or organization(s) shown in the Schedule, but only to the extent that subrogation is waived prior to the "accident" or the "loss" under a contract with that person or organization.

**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**

Any person or organization where waiver of our right to recover is permitted by law and is required by written contract provided such contract was executed prior to the loss

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  
Insured

Effective Policy No. 41WCI8953400    Endorsement No.  
Premium

Insurance Company: Arch Insurance Company

Countersigned by \_\_\_\_\_

**WC 00 03 13**  
(Ed. 4-84)

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:**

The Consulting Engineer, the Program Management Office (PMO), Project Manager, Design Section Engineer, Design Corridor Manager, Construction Manager, and Construction Corridor Manager under Contract I-18-4392 Interchange Construction Jane Addams Memorial Tollway(I-90) at Illinois Route 23 (IL 23)

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.

- 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.

Coverage Section of this Policy.

**M. Information Technology Products** means a computer or telecommunication hardware or software product or other electronic product that is used, created, developed or manufactured by or for you, including software updates, service packs and other maintenance releases for such products.

**N. Information Technology Services** means:

1. Consulting on, design of, development of, analysis of, integration of, interface of, modification of and programming of software, hardware, networks, telecommunication systems and electronic or digital devices performed by you or on your behalf for your clients;
2. installation of, training in the use of, support of, servicing of, maintenance of, repair of your **Information Technology Products**;
3. marketing of, selling of, licensing of and distribution of **Information Technology Products**;
4. storage of, warehousing of, mining of and processing of data by you;
5. managing, operating, administering and hosting **Information Technology Products** for your clients; or
6. activities performed on your website(s);

but shall not mean **Information Technology Products**.

**O. Insured** means:

1. the **Named Insured**; or
2. any fully owned subsidiary corporations or subsidiary limited liability companies of the **Named Insured**, of any tier, in the past, as now constituted or hereafter constituted, subject to the limitations in Paragraph 9. of this Definition for the newly acquired or formed entities described therein; or
3. any present or former partner, director, officer, manager, member, shareholder, principal, trustee, or employee of the **Named Insured** solely while acting on behalf of the **Named Insured**, but this Paragraph 3. shall not make any entity an **Insured** solely because of its participation with the **Named Insured** in a legal entity such as a joint venture or limited liability company; or
4. any **Insured** with regard to its participation in a legal entity, including a joint venture or limited liability company, but solely for the **Named Insured's** legal liability arising out of the performance of **Professional Services, Contractor Activities, Media Activities or Information Technology Services** under the respective legal entity, and such legal entity itself, or any other entity other than an **Insured** that is part of the legal entity, are not **Insureds**; or
5. with regard to Coverage C only, any client of the **Named Insured**, or other entity or person, that the **Named Insured** is obligated to name as an additional insured on this Policy pursuant to a written contract, agreement, or permit, executed prior to when the **Pollution Claim** was first made, and solely as respects **Pollution Conditions** resulting from the **Named Insured's** performance of **Contractor Activities**; or
6. any entity which is specifically identified as an **Insured** in the Declarations or by endorsement to this Policy; or



**J. Authorization Clause**

By acceptance of this Policy, the first **Named Insured** shall be the sole agent of and shall act on behalf of the **Insureds** for all purposes as to the Policy, including but not limited to the payment or return of premium, receipt and acceptance of any endorsement issued to form a part of this Policy, providing and receiving notice of cancellation, termination, or nonrenewal, the giving of notices and reporting of **First Party Claims, Claims** and circumstances, for completing applications and the making of any statements or representations, for making any change to the Policy, and for the exercising or declining to exercise any right under this Policy, including the purchase of an Optional Extended Reporting Period.

**K. Severability of Policy Provisions**

If any material provision or clause of this Policy is declared illegal or unenforceable by any court of competent jurisdiction and cannot be modified to be enforceable, that provision will immediately become null and void, leaving the remainder of this Policy in full force and effect.

**L. Severability of Insureds (Coverages B, C, D and E)**

Except with respect to the Limits of Liability and Self-Insured Retentions, the Authorization Clause of this Conditions Section and as otherwise provided in this Policy, this insurance applies as if each **Insured** were the only **Insured** and separately to each **Insured** against whom a **Claim** is made.

**M. Other Insurance**

This Policy is excess over the Self-Insured Retention and any other valid and collectible liability insurance available to you, whether such other insurance is stated to be primary, pro-rata, contributory, excess, contingent, self-insured or otherwise, unless such other insurance is written specifically excess of this Policy by reference in such other policy to the Policy number in this Policy's Declarations. When any other insurance has a duty to defend a **Claim**, we will have no duty to defend the **Claim**; if no such other insurance defends the **Claim**, we will have the right but not the duty to defend the **Claim**.

Under Coverage C only, when you are required by written contract, written agreement, or permit, executed prior to when the **Pollution Claim** was first made, to include any person or entity as an additional **Insured**, such coverage will be provided on a primary and non-contributory basis to the extent so required.

**N. Choice of Law**

All matters arising from or related to this Policy, including without limitation questions related to the validity, interpretation, performance, and enforcement of this Policy, all forms of contractual, tort and statutory claims, and all remedies and entitlement to costs or attorneys' fees in a dispute over any of the foregoing, shall be determined in accordance with the law and practice of the State of New York (notwithstanding New York's conflicts of law rules).

**O. Jurisdiction and Venue**

It is agreed that, in the event of any dispute arising from or related to this Policy, including without limitation questions related to the validity, interpretation, performance, and enforcement of this Policy, and all forms of contractual, tort and statutory claims, you and we will submit to the jurisdiction of any court (State or Federal) in New York and will comply with all the requirements necessary to give such court jurisdiction. Nothing in this clause constitutes or should be understood to constitute a waiver of your or our right to remove an action to the United States District Court, regardless of the jurisdiction in which an action is commenced.

applicable Self-Insured Retention and shall be paid by us in addition to the Limit of Liability.

## **XI. CONDITIONS**

### **A. Territory**

The coverage afforded by this Policy applies worldwide.

### **B. Audit and Inspection**

Upon reasonable prior notice, we shall be permitted to audit your final books and records at any time during the **Policy Period**, the Automatic Extended Reporting Period, the Optional Extended Reporting Period, if applicable, and within three years after the final termination of this Policy, as far as they relate to the subject matter of this Policy. We shall also be permitted to inspect, sample, and/or monitor your operations on a continuing basis. Neither our right to make inspections, sample, and/or monitor, nor the actual undertaking thereof, nor any report thereon shall constitute an undertaking, on behalf of us or others, to determine or warrant that your operations are safe, healthful, conform to acceptable practice, or are in compliance with any law, rule, or regulation.

### **C. Subrogation**

In the event of any payment under this Policy, we shall be subrogated to all of your rights of recovery thereof. You shall execute and deliver all requested instruments and papers in furtherance of such rights to us and do whatever else is reasonably necessary to secure such rights. You shall do nothing to waive or prejudice such rights. We shall have priority in any recovery, and any amounts recovered in excess of our total payment and the cost to us of recovery shall be paid to you. However, we waive our rights of subrogation under this Policy against your clients or their designees (except for a **Responsible Entity**) to the extent such a waiver is required by a written contract with you executed prior to the **Claim**.

For Coverage A only, we will not subrogate against a **Responsible Entity** in excess of its collectible insurance, provided it has maintained **Recoverable Insurance**, regardless of whether or not such **Recoverable Insurance** is exhausted or reduced.

### **D. Changes**

None of the provisions of this Policy will be waived, changed, or modified except by written endorsement issued by us to form a part of this Policy. Notice to any of our agents or knowledge possessed by any such agent or any other person will not act as a waiver or change in any part of this Policy and will not prevent us from asserting any rights under the provisions of this Policy.

### **E. Action Against Us**

Only you can make claims against us under Coverages A and F, and the Supplemental Coverages, of this Policy.

No action shall be taken against us with respect to Coverage A unless, as a condition precedent thereto, you shall have fully complied with all the terms of this Policy, and until the amount the **Responsible Entity** is legally obligated to pay shall have been finally determined either by judgment after actual contested trial or arbitration, or other method of dispute resolution for which we have given prior written approval.

No action shall be taken against us with respect to Coverage B, C, D or E unless, as a condition precedent thereto, you shall have fully complied with all the terms of this Policy, and until the amount you are legally obligated to pay shall have been finally determined either by judgment after actual contested trial or arbitration, or other method of dispute resolution for which we have given prior written approval.

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):**

ALL PARTIES WHERE REQUIRED BY A WRITTEN CONTRACT

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.



## EVIDENCE OF PROPERTY INSURANCE

DATE (MM/DD/YYYY)

1/2/2019

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.

<b>AGENCY</b> The Horton Group 10320 Orland Parkway Orland Park, IL 60467		<b>PHONE</b> (A/C, No, Ext): 708-845-3917		<b>COMPANY</b> Travelers Property & Casualty Company of America 280 E. 96th St., Suite 300 Indianapolis IN 46240	
<b>FAX</b> (A/C, No): 708-845-4145		<b>E-MAIL ADDRESS:</b>			
<b>CODE:</b>		<b>SUB CODE:</b>			
<b>AGENCY CUSTOMER ID #:</b> CURRCON-01					
<b>INSURED</b> Curran Contracting Company 286 Memorial Court Crystal Lake, IL 60014		<b>LOAN NUMBER</b>		<b>POLICY NUMBER</b> QT-660-8M291451-TIL-18	
		<b>EFFECTIVE DATE</b> 08/01/2018		<b>EXPIRATION DATE</b> 04/30/2019	
				<input type="checkbox"/> CONTINUED UNTIL TERMINATED IF CHECKED	
<b>THIS REPLACES PRIOR EVIDENCE DATED:</b>					

### PROPERTY INFORMATION

**LOCATION/DESCRIPTION**  
Contract I-18-4392 Interchange Construction Jane Addams Memorial Tollway (I-90) at Illinois Route 23 (IL 23)

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

COVERAGE / PERILS / FORMS	AMOUNT OF INSURANCE	DEDUCTIBLE
Builder's Risk	20,122,221.99	25,000
Temporary Storage Locations	250,000	25,000
Transit	250,000	25,000



### REMARKS (Including Special Conditions)

ADDITIONAL NAMED INSURED: ILLINOIS STATE TOLL HIGHWAY AUTHORITY

### 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

<b>NAME AND ADDRESS</b>  Illinois State Toll Highway Authority Attn: Risk Management 2700 Ogden Avenue Downers Grove IL 60515	<input type="checkbox"/>	<b>MORTGAGEE</b>	<input type="checkbox"/>	<b>ADDITIONAL INSURED</b>
	<input type="checkbox"/>	<b>LOSS PAYEE</b>	<input checked="" type="checkbox"/>	<b>NAMED INSURED</b>
	<b>LOAN #</b>			
	<b>AUTHORIZED REPRESENTATIVE</b>  			

# HORTON

January 2nd, 2019

Illinois State Toll Highway Authority  
2700 Ogden Avenue  
Downers Grove, IL 60515

Re: Curran Contracting Company - I-18-4392 Interchange Construction Jane Addams  
Memorial Tollway (I-90) at Illinois Route 23 (IL 23)

Dear Sirs:

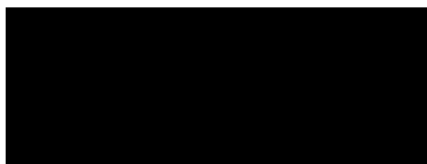
Please allow this letter to serve as certification of coverage attesting that:

- All provisions of the accepted certificate of insurance and policy binders have been obtained
- All endorsements indicated and attached have been secured from the insurance carrier

Please note our office is the binding agent for all policies listed except the excess liability and pollution/professional liability policies listed on our certificate. For those policies we are the broker for the insurance carrier.

If you have any questions regarding this information please feel free to contact our office.

Sincerely,



**Kevin Palmer**

Corporate Attorney, Privacy Officer, Vice President and Secretary Corporate Resources

The Horton Group  
10320 Orland Parkway / Orland Park, IL 60467  
Phone: 708.845.3378 / Fax: 708-845-4378  
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