Illinois Department of Transportation

Local Public Agency Formal Contract Proposal

PROPOSAL SUBMITTED BY		
Contractor's Name		
Street		P.O. Box
City	State	Zip Code

STATE OF ILLINOIS

COUNTY OF Cook/Lake

Village of Buffalo Grove

(Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF

STREET NAME OR ROUTE NO. 2020 Saxon/Downing Water & Street Improvements

SECTION NO. N/A

TYPES OF FUNDS General (Local)

☒ SPECIFICATIONS (required) ☒ PLANS (required)

For Municipal Projects

Submitted/Approved/Passed

☐ Mayor ☐ President of Board of Trustees ☐ Municipal Official

Date

~~**Department of Transportation**~~

~~☐ Released for bid based on limited review~~

~~Regional Engineer~~

~~Date~~

~~**For County and Road District Projects**~~

~~Submitted/Approved~~

~~Highway Commissioner~~

~~Date~~

~~Submitted/Approved~~

~~County Engineer/Superintendent of Highways~~

~~Date~~

BRIAN J. WESOLOWSKI
062-066656
LICENSED PROFESSIONAL ENGINEER
STATE OF ILLINOIS

2-13-20

Exp. 11-30-21

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

NOTICE TO BIDDERS

County Cook/Lake
Local Public Agency V. of Buffalo Grove
Section Number N/A
Route Various

Sealed proposals for the improvement described below will be received at the office of Village of Buffalo Grove,
Attention: Village Clerk, 50 Raupp Boulevard, Buffalo Grove, Illinois 60089 (Address) until 9:00 AM (Time) on February 27, 2020 (Date)

Sealed proposals will be opened and read publicly at the office of Village of Buffalo Grove,
Council Chambers, 50 Raupp Boulevard, Buffalo Grove, Illinois 60089 (Address) at 9:00 AM (Time) on February 27, 2020 (Date)

DESCRIPTION OF WORK

Name 2020 Saxon/Downing Water and Street Improvements Length: 3678.00 feet (0.70 miles)
Location Anthony Ct, Saxon Ct, Downing Rd, Selwyn Ln, and Charles Ct, in the Village of Buffalo Grove
Proposed Improvement Water Main Replacement; Service Line Installation; HMA Pavement Removal and Replacement; Landscape Restoration; and other associated improvements.

1. Plans and proposal forms will be available in the office of www.vbg.org/bids
   Office of the Purchasing Manager - (847) 459-2500 (Address)
2. ☒ Prequalification
   If checked, the 2 low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57), in duplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. ~~One original shall be filed with the Awarding Authority and one original with the IDOT District Office~~.
3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.
4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:
   a. BLR 12200: Local Public Agency Formal Contract Proposal
   b. BLR 12200a Schedule of Prices
   c. BLR 12230: Proposal Bid Bond (if applicable)
   d. ~~BLR 12325: Apprenticeship or Training Program Certification (**do not use for federally funded projects**)~~
   e. BLR 12326: Affidavit of Illinois Business Office
5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.
6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.
7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.
8. Each proposal should be submitted in an opaque envelops and shall be marked to clearly indicate its contents. When sent by mail, the sealed proposed shall be addressed to the Village of Buffalo Grove at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.
9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

10. All bidders are prohibited from making any contact with the Village President, Trustees, or any other official or employee of the Village (collectively, 'Municipal Personnel') with regard to the Project, other than in the manner and to the person(s) designated herein. The Buffalo Grove Village Manager reserves the right to disqualify any bidder that is found to have contacted Municipal Personnel in any manner with regard to the Project. Additionally, if the Buffalo Grove Village Manager determines that the contact with Municipal Personnel was in violation of any provision of 720 ILCS 5/33E, the matter will be turned over to the State's Attorney for review and prosecution.
11. All prime contractors shall be IDOT prequalified contractors with a value equal to or greater for the type of work they are to perform as part of the Contract. Furthermore, all bidders are required to register with the Village of Buffalo Grove at:

    https://vrapp.vendorregistry.com/Vendor/Register/Index/buffalo-grove-village-of-il-vendor-registration
    OR
    www.vbg.org/bids

All communication during the bid process shall be directed to:

Gewalt Hamilton Associates, Inc.
Attn: Brian Wesolowski, PE
625 Forest Edge Drive
Vernon Hills, Illinois 60061
(847) 821-6235
bwesolowski@gha-engineers.com

PROPOSAL

County Cook/Lake
Local Public Agency V. of Buffalo Grove
Section Number N/A
Route Various

1. Proposal of _____

for the improvement of the above section by the construction of Water Main Replacement; Service Line Installation; HMA Pavement Removal and Replacement; Landscape Restoration; and other associated improvements for

a total distance of 3678.00 feet, of which a distance of 3678.00 feet, (0.697 miles) are to be improved.

2. The plans for the proposed work are those prepared by Gewalt Hamilton Associates, Inc.
~~and approved by the Department of Transportation on~~ _____
3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.
4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.
5. The undersigned agrees to complete the work ~~within~~ _____ ~~working days or~~ by 08/14/2020 unless additional time is granted in accordance with the specifications.
6. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to:

_____ Treasurer of Buffalo Grove

The amount of the check is Bid Bond (10% of Total Bid) (_____).

7. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond or check shall be forfeited to the Awarding Authority.
8. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
9. A bid will be declared unacceptable if neither a unit price nor a total price is shown.
10. The undersigned submits herewith the schedule of prices on BLR 12200a covering the work to be performed under this contract.

SCHEDULE OF PRICES

Base Bid Scope of Work:

For the complete scope of work and information covering these items, see the plans and specifications.

2020 SAXON/DOWNING WATER & STREET IMPROVEMENTS

The following Unit Prices will be used for basis of payment and shall be the bidder's proposal for completing the entire improvements herein.

BASE BID

ITEM NO	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	VALUE
1	TREE TRUNK PROTECTION	155.0	EA	$	$
2	TREE ROOT PRUNING	105.0	EA	$	$
3	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	220.0	CY	$	$
4	TRENCH BACFILL , COARSE AGGREGATE, CA-11 (SPECIAL)	4,755.0	CY	$	$
5	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	640.0	SY	$	$
6	GENERAL LANDSCAPE RESTORATION (SPECIAL)	3,475.0	SY	$	$
7	MOWING	4.8	EA	$	$
8	SUPPLEMENTAL WATERING	16.0	UN	$	$
9	TEMPORARY EROSION CONTROL SEEDING	3,475.0	SY	$	$
10	(TEMPORARY) MULCH METHOD 3	3,475.0	SY	$	$
11	INLET FILTERS	23.0	EA	$	$
12	AGGREGATE SUBGRADE IMPROVEMENT	220.0	CY	$	$
13	AGGREGATE BASE COURSE, TYPE B VARIES (SPECIAL)	4,255.0	TN	$	$
14	PREPARATION OF BASE	12,360.0	SY	$	$
15	BITUMINOUS MATERIALS (TACK COAT)	835.0	LB	$	$
16	HOT-MIX ASPHALT REMOVAL - BUTT JOINT	30.0	SY	$	$
17	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	55.0	TN	$	$
18	HOT-MIX ASPHALT BINDER COURSE (SPECIAL)	1,780.0	TN	$	$
19	HOT-MIX ASPHALT SURFACE COURSE (SPECIAL)	1,545.0	TN	$	$
20	BITUMINOUS MATERIALS (TACK COAT)	2,800.0	LB	$	$
21	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 8"	20.0	SY	$	$
22	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	270.0	SY	$	$
23	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	4,255.0	SF	$	$
24	DETECTABLE WARNINGS	60.0	SF	$	$
25	DETECTABLE WARNINGS (FURNISHED BY OTHERS)	20.0	SF	$	$
26	PAVEMENT REMOVAL	12,360.0	SY	$	$
27	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	1,230.0	SY	$	$
28	DRIVEWAY PAVEMENT REMOVAL	270.0	SY	$	$
29	COMBINATION CURB AND GUTTER REMOVAL	1,245.0	FT	$	$
30	SIDEWALK REMOVAL	4,270.0	SF	$	$
31	CLASS B PATCHES, TYPE IV, 10 INCH	115.0	SY	$	$
32	CLASS D PATCHES, TYPE IV, 5 INCH	435.0	SY	$	$
33	TIE BARS 3/4"	60.0	EA	$	$
34	WATER MAIN 6"	25.0	FT	$	$
35	WATER MAIN 8"	4,480.0	FT	$	$
36	WATER MAIN 10"	20.0	FT	$	$

ITEM NO	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	VALUE
37	WATER MAIN 12"	195.0	FT	$	$
38	WATER VALVES 8"	8.0	EA	$	$
39	WATER VALVES 10"	2.0	EA	$	$
40	FIRE HYDRANTS TO BE REMOVED	11.0	EA	$	$
41	FIRE HYDRANT EXTENSION	20.0	FT	$	$
42	PIPE UNDERDRAINS, 4" (SPECIAL)	1,400.0	FT	$	$
43	VALVE VAULT, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	10.0	EA	$	$
44	FRAMES AND LIDS, TYPE 1, CLOSED LID	1.0	EA	$	$
45	REMOVING INLETS	5.0	EA	$	$
46	CONCRETE CURB, TYPE B (SPECIAL)	270.0	FT	$	$
47	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (MODIFIED) (SPECIAL)	940.0	FT	$	$
48	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	20.0	FT	$	$
49	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL)	20.0	FT	$	$
50	NON-SPECIAL WASTE DISPOSAL	100.0	CY	$	$
51	SPECIAL WASTE GROUNDWATER DISPOSAL	2,500.0	GAL	$	$
52	SOIL DISPOSAL ANALYSIS	1.0	EA	$	$
53	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	1.0	LS	$	$
54	ON-SITE MONITORING OF REGULATED SUBSTANCES	2.0	CAL DA	$	$
55	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	1.0	LS	$	$
56	MOBILIZATION	1.0	LS	$	$
57	CHANGEABLE MESSAGE SIGN	28.0	CAL DA	$	$
58	STORM SEWER CONNECTION (SPECIAL)	16.0	EA	$	$
59	SANITARY SEWER CONNECTION (SPECIAL)	2.0	EA	$	$
60	VALVE VAULTS TO BE ABANDONED	5.0	EA	$	$
61	FIRE HYDRANT ASSEMBLY, COMPLETE	17.0	EA	$	$
62	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	5.0	EA	$	$
63	SANITARY MANHOLES TO BE ADJUSTED	2.0	EA	$	$
64	VALVE VAULTS TO BE REMOVED	2.0	EA	$	$
65	VALVE BOX	2.0	EA	$	$
66	VALVE BOXES TO BE REMOVED	1.0	EA	$	$
67	PAINT PAVEMENT MARKING - LINE 6"	160.0	FT	$	$
68	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	1.0	LS	$	$
69	DETOUR SIGNING	1.0	LS	$	$
70	CUT AND CAP EXISTING WATER MAIN	5.0	EA	$	$
71	CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE) - 6"	1.0	EA	$	$
72	CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE) - 8"	1.0	EA	$	$
73	CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE) - 10"	2.0	EA	$	$
74	CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE) - 12"	1.0	EA	$	$
75	INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	4.0	EA	$	$
76	DRAINAGE STRUCTURES TO BE ADJUSTED	3.0	EA	$	$
77	TEMPORARY INFORMATION SIGNING	156.0	SF	$	$
78	PRESSURE CONNECTION 8" x 6"	1.0	EA	$	$
79	PRESSURE CONNECTION 8" x 8"	1.0	EA	$	$
80	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	175.0	FT	$	$

ITEM NO	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	VALUE
81	SANITARY SEWER 6"	35.0	FT	$	$
82	EXPLORATION EXCAVATION (SPECIAL)	31.0	EA	$	$
83	FURNISH AND INSTALL EXTERNAL CHIMNEY SEAL (SPECIAL)	5.0	EA	$	$
84	ADJUSTING SANITARY/STORM SERVICES, 8-INCH DIAMETER OR LESS (SPECIAL)	450.0	FT	$	$
85	SANITARY/STORM SEWER TO BE REMOVED, 18-INCH DIAMETER OR LESS (SPECIAL)	210.0	FT	$	$
86	BUFFALO BOX FRAME & LID (SPECIAL)	22.0	EA	$	$
87	WATER SERVICE, TYPE K COPPER, 1" (SPECIAL)	3,930.0	FT	$	$
88	WATER SERVICE, CONNECT EXISTING, COMPLETE (SPECIAL)	118.0	EA	$	$
89	WATER SERVICE, TAP, 1" COMPLETE (SPECIAL)	118.0	EA	$	$
90	ABANDON EXISTING WATER MAIN (SPECIAL)	38.0	CY	$	$
91	TEMPORARY PAVEMENT	25.0	TN	$	$
92	CLASS D PATCHES, TYPE IV, 5 INCH (SPECIAL)	155.0	SY	$	$
93	CLASS D PATCHES, TYPE II, 12 INCH (SPECIAL)	10.0	SY	$	$
94	REMOVE AND STACK BRICK PAVER DRIVEWAY PAVEMENT (SPECIAL)	80.0	SF	$	$

PROPOSAL OF UNIT PRICE BASE BID TOTAL: $ _____

Written Amount for Proposal of Unit Price Base Bid Total:

ITEM NO	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	VALUE

ALTERNATE 01

ITEM NO	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	VALUE
ALT 1	TREE TRUNK PROTECTION	10.0	EA	$	$
ALT 2	TRENCH BACFILL , COARSE AGGREGATE, CA-11 (SPECIAL)	390.0	CY	$	$
ALT 3	GENERAL LANDSCAPE RESTORATION (SPECIAL)	285.0	SY	$	$
ALT 4	MOWING	0.2	EA	$	$
ALT 5	SUPPLEMENTAL WATERING	0.5	UN	$	$
ALT 6	TEMPORARY EROSION CONTROL SEEDING	285.0	SY	$	$
ALT 7	(TEMPORARY) MULCH METHOD 3	285.0	SY	$	$
ALT 8	INLET FILTERS	4.0	EA	$	$
ALT 9	AGGREGATE BASE COURSE, TYPE B VARIES (SPECIAL)	185.0	TN	$	$
ALT 10	COMBINATION CURB AND GUTTER REMOVAL	170.0	FT	$	$
ALT 11	STORM SEWERS, RUBBER GASKET, CLASS B, TYPE 2 24"	25.0	FT	$	$
ALT 12	WATER MAIN 8"	210.0	FT	$	$
ALT 13	WATER MAIN 8" (DIRECTIONAL DRILLED)	355.0	FT	$	$
ALT 14	WATER VALVES 8"	3.0	EA	$	$
ALT 15	WATER VALVES 10"	1.0	EA	$	$
ALT 16	VALVE VAULT, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	4.0	EA	$	$
ALT 17	CONCRETE CURB, TYPE B (SPECIAL)	30.0	FT	$	$
ALT 18	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (MODIFIED) (SPECIAL)	140.0	FT	$	$
ALT 19	MOBILIZATION	1.0	LS	$	$
ALT 20	STORM SEWER CONNECTION (SPECIAL)	2.0	EA	$	$
ALT 21	CLEARING AND GRUBBING	1.0	LS	$	$
ALT 22	VALVE VAULTS TO BE ABANDONED	1.0	EA	$	$
ALT 23	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	1.0	LS	$	$
ALT 24	CUT AND CAP EXISTING WATER MAIN	4.0	EA	$	$
ALT 25	CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE) - 8"	4.0	EA	$	$
ALT 26	PRESSURE CONNECT 8" x 8"	1.0	EA	$	$
ALT 27	EXPLORATION EXCAVATION (SPECIAL)	6.0	EA	$	$
ALT 28	SANITARY/STORM SEWER TO BE REMOVED, GREATER THAN 18-INCH DIAMETER (SPECIAL)	25.0	FT	$	$
ALT 29	ABANDON EXISTING WATER MAIN (SPECIAL)	6.0	CY	$	$
ALT 30	CLASS D PATCHES, TYPE IV, 5 INCH (SPECIAL)	415.0	SY	$	$
ALT 31	REMOVE AND REPLACE WOOD FENCE	60.0	FT	$	$

PROPOSAL OF UNIT PRICE ALTERNATE 01 BID TOTAL: $ _____

Written Amount for Proposal of Unit Price Alternate 01 Bid Total:

CONTRACTOR CERTIFICATIONS

County Cook/Lake
Local Public Agency V. of Buffalo Grove
Section Number N/A
Route Various

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of tax. Making a false statement voids the contract and allows the Village of Buffalo Grove to recover all amounts paid to the individual or entity under the contract in a civil action.

2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department or the Village of Buffalo Grove by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

   A violation of Section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

   A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.

4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative Code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be cancelled.

5. **Conflict of Interest.** The Village of Buffalo Grove Municipal Code requires the following verification relative to conflict of interest and compliance with general ethics requirements of the Village:

   The undersigned supplier herby represents and warrants to the Village of Buffalo Grove as a term and condition of acceptance of the this (bid or purchase order) that none of the following Village Officials are either an office or director of supplier or owns five percent (5%) or more of the Supplier: the Village President, the members of the Village Board of Trustees, the Village Clerk, the Village Treasurer, the members of the Planning & Zoning Commission, the Village Manager and his Assistant or Assistants, or the heads of the various departments of the Village of Buffalo Grove.

   If the foregoing representation and warranty is inaccurate, state the name of the Village official who either is an officer or director of your business entity or owns five percent (5%) or more thereof:

   (Official)_____

County Cook/Lake
Local Public Agency V. of Buffalo Grove
Section Number N/A
Route Various

SIGNATURES

(If an individual)

Signature of Bidder _____
Printed Name _____

Business Address _____

(If a partnership)

Firm Name _____

Signed By _____
Printed Name _____

Business Address _____

Inset Names and Addressed of All Partners _____

(If a corporation)

Corporate Name _____

Signed By _____
Printed Name _____
President

Business Address _____

Insert Names of Officers
President _____
Secretary _____
Treasurer _____

Attest: _____
Secretary

Illinois Department of Transportation

VoBG-2020-06

Local Agency Proposal Bid Bond

Route Various
County Cook/Lake
Local Agency V. of Buffalo Grove
Section N/A

RETURN WITH BID

PAPER BID BOND

WE _____ as PRINCIPAL,

and _____ as SURETY,

are held jointly, severally and firmly bound unto the above Local Agency (hereafter referred to as "LA") in the penal sum of 10% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this _____ day of _____

Principal

_____ (Company Name)

By: _____ (Signature and Title)

_____ (Company Name)

By: _____ (Signature and Title)

(If PRINCIPAL is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

Surety

_____ (Name of Surety)

By: _____ (Signature of Attorney-in-Fact)

STATE OF ILLINOIS,
COUNTY OF _____

I. _____, a Notary Public in and for said county,
do hereby certify that _____
(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____

My commission expires _____

_____ (Notary Public)

ELECTRONIC BID BOND

☐ **Electronic bid bond is allowed (box must be checked by LA if electronic bid bond is allowed)**

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

Electronic Bid Bond ID Code

_____ (Company/Bidder Name)

_____ (Signature and Title)

_____ Date

BLR 12230 (Rev. 7/05

Affidavit of Illinois Business Office

County Cook/Lake
Local Public Agency V. of Buffalo Grove
Section Number N/A
Route Various

State of _____)
) ss.
County of _____)

I, _____ (Name of Affiant) of _____ (City of Affiant) , _____ (State of Affiant ,

being first duly sworn upon oath, states as follows:

1. That I am the _____ (officer or position) of _____ (bidder) .
2. That I have personal knowledge of the facts herein stated.
3. That, if selected under this proposal, _____ (bidder) , will maintain a business office in the State of Illinois which will be located in _____ County, Illinois.
4. That this business office will serve as the primary place of employment for any persons employed in the construction contemplated by this proposal.
5. That this Affidavit is given as a requirement of state law as provided in Section 30-22(8) of the Illinois Procurement Code.

_____
(Signature)

_____
(Print Name of Affiant)

This instrument was acknowledged before me on day of _____ , _____ .

(SEAL)

_____
(Signature of Notary Public)

Illinois Department of Transportation

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

VoBG-2020-06

Affidavit of Availability
For the Letting of 2/27/2020

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE.**

	1	2	3	4	Awards Pending	
Contract Number						
Contract With						
Estimated Completion Date						
Total Contract Price						Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
				Total Value of All Work		

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

						Accumulated Totals
Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases & Surfaces						
Highway, R.R. and Waterway Structures						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning & Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
						$ 0.00
Totals						

Disclosure of this information is **REQUIRED** to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted					

I, being duly sworn, do hereby declare that this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Subscribed and sworn to before me

this _____ day of _____ , _____ Type or Print Name _____

Officer or Director Title

_____ Signed _____

Notary Public

My commission expires _____

Company _____

(Notary Seal)

Address _____

_____

VILLAGE OF BUFFALO GROVE PUBLIC CONTRACT STATEMENTS

The Village of Buffalo Grove is required to obtain certain information in the administration and awarding of public contracts. The following Public Contract Statements shall be executed andnotarized.

PUBLIC CONTRACT STATEMENTS

CERTIFICATION OF CONTRACTOR/CONSULTANT

In order to comply with 720 Illinois Compiled Statutes 5/33 E-1 et seq., the Village of Buffalo Grove requires the following certification be acknowledged:

The below-signed Contractor/Consultant hereby certifies that it is not barred from Bidding or supplying any goods,services or construction let by the Village of Buffalo Grove with or without Bid, due to any violation of either Section 5/33 E-3 or 5/33 E-4 of Article 33E, Public Contracts, of the Chapter 720 of the Illinois Compiled Statutes, as amended. This act relatesto interference with public contracting, Bid rigging and rotating, kickbacks, and Biding.

CERTIFICATION RELATIVE TO 65 ILCS 5/11-42.1.1

In order to comply with 65 Illinois Complied Statutes 5/11-42.1.1, the Village of Buffalo Grove requires the following certification:

The undersigned Contractor/Consultant does hereby swear and affirm that it is not delinquent in the payment of anytax administered by the Illinois Department of Revenue unless it is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of the tax. The undersigned further understands that making a false statement herein: (1) is a Class A Misdemeanor, and (2) voids the contract and allows the Village to recover all amounts paid to it under thecontract.

CONFLICT OF INTEREST

The Village of Buffalo Grove Municipal Code requires the following verification relative to conflict of interest and compliance with general ethics requirements of the Village:

The undersigned Contractor/Consultant hereby represents and warrants to the Village of Buffalo Grove as a term and conditionof acceptance of this (Proposal or purchase order) that none of the following Village Officials is either an officer or Manager of Firm or owns five percent (5%) or more of the Supplier: the Village President, the members of the Village Board of Trustees, the Village Clerk, the Village Treasurer, the members of the Zoning Board of Appeals and the Plan Commission, the Village Manager and his Assistant or Assistants, or the heads of the various departments within the Village.

If the foregoing representation and warranty is inaccurate, state the name of the Village official who either is an officer or Manager of your business entity or owns five percent (5%) or morethereof:

(Official) _____

_____

Print Name ofContractor/Consultant

_____

Signature

_____

Title

Subscribed and Sworn to before methis_____day of_____, 2019.

_____

Notary Public Notary Expiration Date_____

Description of Work
2020 Saxon/Downing Water & Street Improvements
Village of Buffalo Grove

The following is a list of streets including limits, lengths, area, and a brief description of work:

Street	From/To	Length	Area
Downing Road	University Drive to Buffalo Grove Road	1,600 FT (0.303 miles)	4,266 SY
Eton Court	Downing Road to Selwyn Lane	300 FT (0.057 miles)	880 SY
Selwyn Lane	Eton Court to University Drive	1425 FT (0.270 miles)	3,730 SY
Charles Court	Cambridge Drive to East End	300 FT (0.057 miles)	800 SY
Charles Court	Cambridge Drive to West End	450 FT (0.085 miles)	1150 SY
Saxon Place	Dundee Road to South End	375 FT (0.071 miles)	1075 SY
Anthony Court (Alternate 01)	North End to Cambridge on the Lakes	250 FT (0.047 miles)	0 SY
Buffalo Grove Road	Downing Road to 200' North	200 FT (0.038 miles)	0 SY
	Totals:	3,678 FT (0.697 miles)	12,725 SY

Water Main Replacement. The above street segments will include water main replacement, service line installation, pavement removal, curb and gutter patching at various locations, sidewalk removal and replacement at various locations, storm and sanitary sewer spot repairs, hot-mix asphalt pavement patching, hot-mix-asphalt pavement installation, landscape restoration and other associated improvements.

Illinois Department of Transportation

Check Sheet for Recurring Special Provisions

The Following Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Recurring Special Provisions

Check Sheet #			Page No.
1	☐	Additional State Requirements for Federal-Aid Construction Contracts	83
2	☐	Subletting of Contracts (Federal-Aid Contracts)	86
3	☐	EEO	87
4	☐	Specific EEO Responsibilities Non Federal-Aid Contracts	97
5	☐	Required Provisions - State Contracts	102
6	☐	Asbestos Bearing Pad Removal	108
7	☐	Asbestos Waterproofing Membrane and Asbestos HMA Surface Removal	109
8	☐	Temporary Stream Crossings and In-Stream Work Pads	110
9	☐	Construction Layout Stakes Except for Bridges	111
10	☐	Construction Layout Stakes	114
11	☐	Use of Geotextile Fabric for Railroad Crossing	117
12	☐	Subsealing of Concrete Pavements	119
13	☐	Hot-Mix Asphalt Surface Correction	123
14	☐	Pavement and Shoulder Resurfacing	125
15	☐	Patching with Hot-Mix Asphalt Overlay Removal	126
16	☐	Polymer Concrete	128
17	☐	PVC Pipeliner	130
18	☐	Bicycle Racks	131
19	☐	Temporary Portable Bridge Traffic Signals	133
20	☐	Work Zone Public Information Signs	135
21	☐	Nighttime Inspection of Roadway Lighting	136
22	☐	English Substitution of Metric Bolts	137
23	☐	Calcium Chloride Accelerator for Portland Cement Concrete	138
24	☐	Quality Control of Concrete Mixtures at the Plant	139
25	☐	Quality Control/Quality Assurance of Concrete Mixtures	147
26	☐	Digital Terrain Modeling for Earthwork Calculations	163
27	☐	Reserved	165
28	☐	Preventive Maintenance - Bituminous Surface Treatment (A-1)	166
29	☐	Reserved	172
30	☐	Reserved	173
31	☐	Reserved	174
32	☐	Temporary Raised Pavement Markers	175
33	☐	Restoring Bridge Approach Pavements Using High-Density Foam	176
34	☐	Portland Cement Concrete Inlay or Overlay	179
35	☐	Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	183
36	☐	Longitudinal Joint and Crack Patching	186

The Following Local Roads And Streets Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Local Roads And Streets Recurring Special Provisions

Check Sheet #			Page No.
LRS 1	☐	**Reserved**	189
LRS 2	☐	Furnished Excavation	190
LRS 3	☒	Work Zone Traffic Control Surveillance	191
LRS 4	☒	Flaggers in Work Zones	192
LRS 5	☒	Contract Claims	193
LRS 6	☒	Bidding Requirements and Conditions for Contract Proposals	194
LRS 7	☐	Bidding Requirements and Conditions for Material Proposals	200
LRS 8		**Reserved**	206
LRS 9	☐	Bituminous Surface Treatments	207
LRS 10		**Reserved**	208
LRS 11	☒	Employment Practices	209
LRS 12	☒	Wages of Employees on Public Works	211
LRS 13	☒	Selection of Labor	213
LRS 14	☐	Paving Brick and Concrete Paver Pavements and Sidewalks	214
LRS 15	☒	Partial Payments	217
LRS 16	☐	Protests on Local Lettings	218
LRS 17	☐	Substance Abuse Prevention Program	219
LRS 18	☐	Multigrade Cold Mix Asphalt	220

BDE SPECIAL PROVISIONS
For the April 24, 2020 and June 12, 2020 Lettings

The following special provisions indicated by a “check mark” are applicable to this contract and will be included by the Project Coordination and Implementation Section of the BD&E. An * indicates a new or revised special provision for the letting.

	File Name	#		Special Provision Title	Effective	Revised
*	80099	1	☐	Accessible Pedestrian Signals (APS)	April 1, 2003	April 1, 2020
	80274	2	☐	Aggregate Subgrade Improvement	April 1, 2012	April 1, 2016
	80192	3	☐	Automated Flagger Assistance Device	Jan. 1, 2008	
	80173	4	☐	Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
	80426	5	☐	Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	
	80241	6	☐	Bridge Demolition Debris	July 1, 2009	
	5026I	7	☐	Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	5048I	8	☐	Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	5049I	9	☐	Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	5053I	10	☐	Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	April 1, 2010
	80425	11	☐	Cape Seal	Jan. 1, 2020	
	80384	12	☑	Compensable Delay Costs	June 2, 2017	April 1, 2019
	80198	13	☐	Completion Date (via calendar days)	April 1, 2008	
	80199	14	☐	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80293	15	☐	Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	April 1, 2012	July 1, 2016
	80311	16	☐	Concrete End Sections for Pipe Culverts	Jan. 1, 2013	April 1, 2016
	80277	17	☐	Concrete Mix Design – Department Provided	Jan. 1, 2012	April 1, 2016
	80261	18	☑	Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
	80387	19	☐	Contrast Preformed Plastic Pavement Marking	Nov. 1, 2017	
	80029	20	☐	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	March 2, 2019
	80402	21	☑	Disposal Fees	Nov. 1, 2018	
	80378	22	☐	Dowel Bar Inserter	Jan. 1, 2017	Jan. 1, 2018
	80405	23	☐	Elastomeric Bearings	Jan. 1, 2019	
	80421	24	☐	Electric Service Installation	Jan. 1, 2020	
	80415	25	☑	Emulsified Asphalts	Aug. 1, 2019	
	80423	26	☐	Engineer’s Field Office and Laboratory	Jan. 1, 2020	
	80388	27	☑	Equipment Parking and Storage	Nov. 1, 2017	
	80229	28	☐	Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
	80417	29	☐	Geotechnical Fabric for Pipe Underdrains and French Drains	Nov. 1, 2019	
	80420	30	☐	Geotextile Retaining Walls	Nov. 1, 2019	
	80304	31	☐	Grooving for Recessed Pavement Markings	Nov. 1, 2012	Nov. 1, 2017
	80422	32	☐	High Tension Cable Median Barrier Reflectors	Jan. 1, 2020	
	80416	33	☐	Hot-Mix Asphalt – Binder and Surface Course	July 2, 2019	Nov. 1, 2019
	80398	34	☐	Hot-Mix Asphalt – Longitudinal Joint Sealant	Aug. 1, 2018	Nov. 1, 2019
*	80406	35	☐	Hot-Mix Asphalt – Mixture Design Verification and Production (Modified for I-FIT Data Collection)	Jan. 1, 2019	Jan. 2, 2020
	80347	36	☐	Hot-Mix Asphalt – Pay for Performance Using Percent Within Limits – Jobsite Sampling	Nov. 1, 2014	July 2, 2019
	80383	37	☐	Hot-Mix Asphalt – Quality Control for Performance	April 1, 2017	July 2, 2019
	80411	38	☐	Luminaires, LED	April 1, 2019	
	80393	39	☐	Manholes, Valve Vaults, and Flat Slab Tops	Jan. 1, 2018	March 1, 2019
	80045	40	☐	Material Transfer Device	June 15, 1999	Aug. 1, 2014
	80418	41	☐	Mechanically Stabilized Earth Retaining Walls	Nov. 1, 2019	
	80424	42	☐	Micro-Surfacing and Slurry Sealing	Jan. 1, 2020	
*	80428	43	☑	Mobilization	April 1, 2020	
	80165	44	☐	Moisture Cured Urethane Paint System	Nov. 1, 2006	Jan. 1, 2010
	80412	45	☐	Obstruction Warning Luminaires, LED	Aug. 1, 2019	
	80349	46	☐	Pavement Marking Blackout Tape	Nov. 1, 2014	April 1, 2016

	80371	47	☐	Pavement Marking Removal	July 1, 2016	
	80389	48	☑	Portland Cement Concrete	Nov. 1, 2017	
	80359	49	☐	Portland Cement Concrete Bridge Deck Curing	April 1, 2015	Nov. 1, 2019
	80300	50	☐	Preformed Plastic Pavement Marking Type D - Inlaid	April 1, 2012	April 1, 2016
	3426I	51	☐	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2006
	80157	52	☐	Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	
*	80306	53	☐	Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Nov. 1, 2012	Jan. 2, 2020
	80407	54	☑	Removal and Disposal of Regulated Substances	Jan. 1, 2019	Jan. 1, 2020
*	80419	55	☐	Silt Fence, Inlet Filters, Ground Stabilization and Riprap Filter Fabric	Nov. 1, 2019	April 1, 2020
	80395	56	☐	Sloped Metal End Section for Pipe Culverts	Jan. 1, 2018	
	80340	57	☐	Speed Display Trailer	April 2, 2014	Jan. 1, 2017
	80127	58	☐	Steel Cost Adjustment	April 2, 2004	Aug. 1, 2017
	80408	59	☐	Steel Plate Beam Guardrail Manufacturing	Jan. 1, 2019	
	80413	60	☐	Structural Timber	Aug. 1, 2019	
	80397	61	☐	Subcontractor and DBE Payment Reporting	April 2, 2018	
	80391	62	☑	Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
	80317	63	☐	Surface Testing of Hot-Mix Asphalt Overlays	Jan. 1, 2013	Aug. 1, 2019
	80298	64	☐	Temporary Pavement Marking	April 1, 2012	April 1, 2017
	80403	65	☐	Traffic Barrier Terminal, Type 1 Special	Nov. 1, 2018	
	80409	66	☑	Traffic Control Devices - Cones	Jan. 1, 2019	
	80410	67	☐	Traffic Spotters	Jan. 1, 2019	
	20338	68	☐	Training Special Provisions	Oct. 15, 1975	
	80318	69	☐	Traversable Pipe Grate for Concrete End Sections	Jan. 1, 2013	Jan. 1, 2018
*	80429	70	☐	Ultra-Thin Bonded Wearing Course	April 1, 2020	
	80288	71	☐	Warm Mix Asphalt	Jan. 1, 2012	April 1, 2016
	80302	72	☐	Weekly DBE Trucking Reports	June 2, 2012	April 2, 2015
*	80414	73	☐	Wood Fence Sight Screen	Aug. 1, 2019	April 1, 2020
*	80427	74	☑	Work Zone Traffic Control Devices	Mar. 2, 2020	
	80071	75	☐	Working Days	Jan. 1, 2002	

The following special provisions are in the 2020 Supplemental Specifications and Recurring Special Provisions.

File Name	Special Provision Title	New Location(s)	Effective	Revised
80404	Coarse Aggregate Quality for Micro-Surfacing and Cape Seals	Article 1004.01(b)	Jan. 1, 2019	
80392	Lights on Barricades	Articles 701.16, 701.17(c)(2) & 603.07	Jan. 1, 2018	
80336	Longitudinal Joint and Crack Patching	Check Sheet #36	April 1, 2014	April 1, 2016
80400	Mast Arm Assembly and Pole	Article 1077.03(b)	Aug. 1, 2018	
80394	Metal Flared End Section for Pipe Culverts	Articles 542.07(c) and 542.11	Jan. 1, 2018	April 1, 2018
80390	Payments to Subcontractors	Article 109.11	Nov. 2, 2017	

The following special provisions have been deleted from use.

File Name	Special Provision Title	Effective	Revised
80328	Progress Payments	Nov. 2, 2013	

The following special provisions require additional information from the designer. The additional information needs to be submitted as a separate document. The Project Coordination and Implementation section will then include the information in the applicable special provision.

- Bridge Demolition Debris
- Building Removal - Case I
- Building Removal – Case II
- Building Removal - Case III
- Building Removal-Case IV
- Completion Date
- Completion Date Plus Working Days
- DBE Participation
- Material Transfer Device
- Railroad Protective Liability Insurance
- Training Special Provisions
- Working Days

COMPENSABLE DELAY COSTS (BDE)

Effective: June 2, 2017
Revised: April 1, 2019

Revise Article 107.40(b) of the Standard Specifications to read:

"(b) Compensation. Compensation will not be allowed for delays, inconveniences, or damages sustained by the Contractor from conflicts with facilities not meeting the above definition; or if a conflict with a utility in an unanticipated location does not cause a shutdown of the work or a documentable reduction in the rate of progress exceeding the limits set herein. The provisions of Article 104.03 notwithstanding, compensation for delays caused by a utility in an unanticipated location will be paid according to the provisions of this Article governing minor and major delays or reduced rate of production which are defined as follows.

(1) Minor Delay. A minor delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two hours, but not to exceed two weeks.

(2) Major Delay. A major delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two weeks.

(3) Reduced Rate of Production Delay. A reduced rate of production delay occurs when the rate of production on the work in conflict with the utility in an unanticipated location decreases by more than 25 percent and lasts longer than seven calendar days."

Revise Article 107.40(c) of the Standard Specifications to read:

"(c) Payment. Payment for Minor, Major, and Reduced Rate of Production Delays will be made as follows.

(1) Minor Delay. Labor idled which cannot be used on other work will be paid for according to Article 109.04(b)(1) and (2) for the time between start of the delay and the minimum remaining hours in the work shift required by the prevailing practice in the area.

Equipment idled which cannot be used on other work, and which is authorized to standby on the project site by the Engineer, will be paid for according to Article 109.04(b)(4).

(2) Major Delay. Labor will be the same as for a minor delay.

Equipment will be the same as for a minor delay, except Contractor-owned equipment will be limited to two weeks plus the cost of move-out to either the

Contractor's yard or another job and the cost to re-mobilize, whichever is less. Rental equipment may be paid for longer than two weeks provided the Contractor presents adequate support to the Department (including lease agreement) to show retaining equipment on the job is the most economical course to follow and in the public interest.

(3) Reduced Rate of Production Delay. The Contractor will be compensated for the reduced productivity for labor and equipment time in excess of the 25 percent threshold for that portion of the delay in excess of seven calendar days. Determination of compensation will be in accordance with Article 104.02, except labor and material additives will not be permitted.

Payment for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be determined according to Article 109.13."

Revise Article 108.04(b) of the Standard Specifications to read:

"(b) No working day will be charged under the following conditions.

(1) When adverse weather prevents work on the controlling item.

(2) When job conditions due to recent weather prevent work on the controlling item.

(3) When conduct or lack of conduct by the Department or its consultants, representatives, officers, agents, or employees; delay by the Department in making the site available; or delay in furnishing any items required to be furnished to the Contractor by the Department prevents work on the controlling item.

(4) When delays caused by utility or railroad adjustments prevent work on the controlling item.

(5) When strikes, lock-outs, extraordinary delays in transportation, or inability to procure critical materials prevent work on the controlling item, as long as these delays are not due to any fault of the Contractor.

(6) When any condition over which the Contractor has no control prevents work on the controlling item."

Revise Article 109.09(f) of the Standard Specifications to read:

"(f) Basis of Payment. After resolution of a claim in favor of the Contractor, any adjustment in time required for the work will be made according to Section 108. Any adjustment in the costs to be paid will be made for direct labor, direct materials, direct equipment, direct jobsite overhead, direct offsite overhead, and other direct costs allowed by the resolution. Adjustments in costs will not be made for interest charges, loss of anticipated profit, undocumented loss of efficiency, home office overhead and unabsorbed overhead

other than as allowed by Article 109.13, lost opportunity, preparation of claim expenses and other consequential indirect costs regardless of method of calculation.

The above Basis of Payment is an essential element of the contract and the claim cost recovery of the Contractor shall be so limited."

Add the following to Section 109 of the Standard Specifications.

"**109.13 Payment for Contract Delay.** Compensation for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be allowed when such costs result from a delay meeting the criteria in the following table.

Contract Type	Cause of Delay	Length of Delay
Working Days	Article 108.04(b)(3) or Article 108.04(b)(4)	No working days have been charged for two consecutive weeks.
Completion Date	Article 108.08(b)(1) or Article 108.08(b)(7)	The Contractor has been granted a minimum two week extension of contract time, according to Article 108.08.

Payment for each of the various costs will be according to the following.

(a) Escalated Material and/or Labor Costs. When the delay causes work, which would have otherwise been completed, to be done after material and/or labor costs have increased, such increases will be paid. Payment for escalated material costs will be limited to the increased costs substantiated by documentation furnished by the Contractor. Payment for escalated labor costs will be limited to those items in Article 109.04(b)(1) and (2), except the 35 percent and 10 percent additives will not be permitted.

(b) Extended Project Overhead. For the duration of the delay, payment for extended project overhead will be paid as follows.

(1) Direct Jobsite and Offsite Overhead. Payment for documented direct jobsite overhead and documented direct offsite overhead, including onsite supervisory and administrative personnel, will be allowed according to the following table.

Original Contract Amount	Supervisory and Administrative Personnel
Up to $5,000,000	One Project Superintendent
Over $ 5,000,000 - up to $25,000,000	One Project Manager, One Project Superintendent or Engineer, and One Clerk
Over $25,000,000 - up to $50,000,000	One Project Manager, One Project Superintendent, One Engineer, and

	One Clerk
Over $50,000,000	One Project Manager, Two Project Superintendents, One Engineer, and One Clerk

(2) Home Office and Unabsorbed Overhead. Payment for home office and unabsorbed overhead will be calculated as 8 percent of the total delay cost.

(c) Extended Traffic Control. Traffic control required for an extended period of time due to the delay will be paid for according to Article 109.04.

When an extended traffic control adjustment is paid under this provision, an adjusted unit price as provided for in Article 701.20(a) for increase or decrease in the value of work by more than ten percent will not be paid.

Upon payment for a contract delay under this provision, the Contractor shall assign subrogation rights to the Department for the Department's efforts of recovery from any other party for monies paid by the Department as a result of any claim under this provision. The Contractor shall fully cooperate with the Department in its efforts to recover from another party any money paid to the Contractor for delay damages under this provision."

80384

CONSTRUCTION AIR QUALITY – DIESEL RETROFIT (BDE)

Effective: June 1, 2010
Revised: November 1, 2014

The reduction of emissions of particulate matter (PM) for off-road equipment shall be accomplished by installing retrofit emission control devices. The term "equipment" refers to diesel fuel powered devices rated at 50 hp and above, to be used on the jobsite in excess of seven calendar days over the course of the construction period on the jobsite (including rental equipment).

Contractor and subcontractor diesel powered off-road equipment assigned to the contract shall be retrofitted using the phased in approach shown below. Equipment that is of a model year older than the year given for that equipment's respective horsepower range shall be retrofitted:

Effective Dates	Horsepower Range	Model Year
June 1, 2010 [1/]	600-749	2002
	750 and up	2006
June 1, 2011 [2/]	100-299	2003
	300-599	2001
	600-749	2002
	750 and up	2006
June 1, 2012 [2/]	50-99	2004
	100-299	2003
	300-599	2001
	600-749	2002
	750 and up	2006

1/ Effective dates apply to Contractor diesel powered off-road equipment assigned to the contract.

2/ Effective dates apply to Contractor and subcontractor diesel powered off-road equipment assigned to the contract.

The retrofit emission control devices shall achieve a minimum PM emission reduction of 50 percent and shall be:

a) Included on the U.S. Environmental Protection Agency (USEPA) *Verified Retrofit Technology List* (http://www.epa.gov/cleandiesel/verification/verif-list.htm), or verified by the California Air Resources Board (CARB) (http://www.arb.ca.gov/diesel/verdev/vt/cvt.htm); or

b) Retrofitted with a non-verified diesel retrofit emission control device if verified retrofit emission control devices are not available for equipment proposed to be used on the project, and if the Contractor has obtained a performance certification from the retrofit

device manufacturer that the emission control device provides a minimum PM emission reduction of 50 percent.

Note: Large cranes (Crawler mounted cranes) which are responsible for critical lift operations are exempt from installing retrofit emission control devices if such devices adversely affect equipment operation.

Diesel powered off-road equipment with engine ratings of 50 hp and above, which are unable to be retrofitted with verified emission control devices or if performance certifications are not available which will achieve a minimum 50 percent PM reduction, may be granted a waiver by the Department if documentation is provided showing good faith efforts were made by the Contractor to retrofit the equipment.

Construction shall not proceed until the Contractor submits a certified list of the diesel powered off-road equipment that will be used, and as necessary, retrofitted with emission control devices. The list(s) shall include (1) the equipment number, type, make, Contractor/rental company name; and (2) the emission control devices make, model, USEPA or CARB verification number, or performance certification from the retrofit device manufacturer. Equipment reported as fitted with emissions control devices shall be made available to the Engineer for visual inspection of the device installation, prior to being used on the jobsite.

The Contractor shall submit an updated list of retrofitted off-road construction equipment as retrofitted equipment changes or comes on to the jobsite. The addition or deletion of any diesel powered equipment shall be included on the updated list.

If any diesel powered off-road equipment is found to be in non-compliance with any portion of this special provision, the Engineer will issue the Contractor a diesel retrofit deficiency deduction.

Any costs associated with retrofitting any diesel powered off-road equipment with emission control devices shall be considered as included in the contract unit prices bid for the various items of work involved and no additional compensation will be allowed. The Contractor's compliance with this notice and any associated regulations shall not be grounds for a claim.

Diesel Retrofit Deficiency Deduction

When the Engineer determines that a diesel retrofit deficiency exists, a daily monetary deduction will be imposed for each calendar day or fraction thereof the deficiency continues to exist. The calendar day(s) will begin when the time period for correction is exceeded and end with the Engineer's written acceptance of the correction. The daily monetary deduction will be $1,000.00 for each deficiency identified.

The deficiency will be based on lack of diesel retrofit emissions control.

If a Contractor accumulates three diesel retrofit deficiency deductions for the same piece of equipment in a contract period, the Contractor will be shutdown until the deficiency is corrected.

Such a shutdown will not be grounds for any extension of the contract time, waiver of penalties, or be grounds for any claim.

80261

DISPOSAL FEES (BDE)

Effective: November 1, 2018

Replace Articles 109.04(b)(5) – 109.04(b)(8) of the Standard Specifications with the following:

"(5) Disposal Fees. When the extra work performed includes paying for disposal fees at a clean construction and demolition debris facility, an uncontaminated soil fill operation or a landfill, the Contractor shall receive, as administrative costs, an amount equal to five percent of the first $10,000 and one percent of any amount over $10,000 of the total approved costs of such fees.

(6) Miscellaneous. No additional allowance will be made for general superintendence, the use of small tools, or other costs for which no specific allowance is herein provided.

(7) Statements. No payment will be made for work performed on a force account basis until the Contractor has furnished the Engineer with itemized statements of the cost of such force account work. Statements shall be accompanied and supported by invoices for all materials used and transportation charges. However, if materials used on the force account work are not specifically purchased for such work but are taken from the Contractor's stock, then in lieu of the invoices, the Contractor shall furnish an affidavit certifying that such materials were taken from his/her stock, that the quantity claimed was actually used, and that the price and transportation claimed represent the actual cost to the Contractor.

Itemized statements at the cost of force account work shall be detailed as follows.

a. Name, classification, date, daily hours, total hours, rate, and extension for each laborer and foreman. Payrolls shall be submitted to substantiate actual wages paid if so requested by the Engineer.

b. Designation, dates, daily hours, total hours, rental rate, and extension for each unit of machinery and equipment.

c. Quantities of materials, prices and extensions.

d. Transportation of materials.

e. Cost of property damage, liability and workmen's compensation insurance premiums, unemployment insurance contributions, and social security tax.

(8) Work Performed by an Approved Subcontractor. When extra work is performed by an approved subcontractor, the Contractor shall receive, as administrative costs, an amount equal to five percent of the total approved costs of such work with the minimum payment being $100.

(9) All statements of the cost of force account work shall be furnished to the Engineer not later than 60 days after receipt of the Central Bureau of Construction form “Extra Work Daily Report”. If the statement is not received within the specified time frame, all demands for payment for the extra work are waived and the Department is released from any and all such demands. It is the responsibility of the Contractor to ensure that all statements are received within the specified time regardless of the manner or method of delivery.”

80402

EMULSIFIED ASPHALTS (BDE)

Effective: August 1, 2019

Revise Article 1032.06 of the Standard Specifications to read:

"**1032.06 Emulsified Asphalts.** Emulsified asphalts will be accepted according to the current Bureau of Materials Policy Memorandum, "Emulsified Asphalt Acceptance Procedure". These materials shall be homogeneous and shall show no separation of asphalt after thorough mixing, within 30 days after delivery, provided separation has not been caused by freezing. They shall coat the aggregate being used in the work to the satisfaction of the Engineer and shall be according to the following requirements.

(a) Anionic Emulsified Asphalt. Anionic emulsified asphalts RS-1, RS-2, HFRS-2, SS-1h, and SS-1 shall be according to AASHTO M 140, except as follows.

(1) The cement mixing test will be waived when the emulsion is being used as a tack coat.

(2) The Solubility in Trichloroethylene test according to AASHTO T 44 may be run in lieu of Ash Content and shall meet a minimum of 97.5 percent.

(b) Cationic Emulsified Asphalt. Cationic emulsified asphalts CRS-1, CRS-2, CSS-1h, and CSS-1 shall be according to AASHTO M 208, except as follows.

(1) The cement mixing test will be waived when the emulsion is being used as a tack coat.

(2) The Solubility in Trichloroethylene test according to AASHTO T 44 may be run in lieu of Ash Content and shall meet a minimum of 97.5 percent.

(c) High Float Emulsion. High float emulsions HFE-90, HFE-150, and HFE-300 are medium setting and shall be according to the following table.

Test	HFE-90	HFE-150	HFE-300
Viscosity, Saybolt Furol, at 122 °F (50 °C), (AASHTO T 59), SFS [1/]	50 min.	50 min.	50 min.
Sieve Test, No. 20 (850 µm), retained on sieve, (AASHTO T 59), %	0.10 max.	0.10 max.	0.10 max.
Storage Stability Test, 1 day, (AASHTO T 59), %	1 max.	1 max.	1 max.
Coating Test (All Grades), (AASHTO T 59), 3 minutes	stone coated thoroughly		
Distillation Test, (AASHTO T 59): Residue from distillation test to 500 °F (260 °C), %	65 min.	65 min.	65 min.
Oil distillate by volume, %	7 max.	7 max.	7 max.

Characteristics of residue from distillation test to 500 °F (260 °C): Penetration at 77 °F (25 °C), (AASHTO T 49), 100 g, 5 sec, dmm	90-150	150-300	300 min.
Float Test at 140 °F (60 °C), (AASHTO T 50), sec.	1200 min.	1200 min.	1200 min.

1/ The emulsion shall be pumpable.

(d) Penetrating Emulsified Prime. Penetrating Emulsified Prime (PEP) shall be according to AASHTO T 59, except as follows.

Test	Result
Viscosity, Saybolt Furol, at 77 °F (25 °C), SFS	75 max.
Sieve test, retained on No. 20 (850 µm) sieve, %	0.10 max.
Distillation to 500 °F (260 °C) residue, %	38 min.
Oil distillate by volume, %	4 max.

The PEP shall be tested according to the current Bureau of Materials Illinois Laboratory Test Procedure (ILTP), "Sand Penetration Test of Penetrating Emulsified Prime (PEP)". The time of penetration shall be equal to or less than that of MC-30. The depth of penetration shall be equal to or greater than that of MC-30.

(e) Delete this subparagraph.

(f) Polymer Modified Emulsified Asphalt. Polymer modified emulsified asphalts, e.g. SS-1hP, CSS-1hP, CRS-2P (formerly CRSP), CQS-1hP (formerly CSS-1h Latex Modified) and HFRS-2P (formerly HFP) shall be according to AASHTO M 316, except as follows.

(1) The cement mixing test will be waived when the polymer modified emulsion is being used as a tack coat.

(2) CQS-1hP (formerly CSS-1h Latex Modified) emulsion for micro-surfacing treatments shall use latex as the modifier.

(3) Upon examination of the storage stability test cylinder after standing undisturbed for 24 hours, the surface shall show minimal to no white, milky colored substance and shall be a homogenous brown color throughout.

(4) The distillation for all polymer modified emulsions shall be performed according to AASHTO T 59, except the temperature shall be 374 ± 9 °F (190 ± 5 °C) to be held for a period of 15 minutes and measured using an ASTM 16F (16C) thermometer.

(5) The specified temperature for the Elastic Recovery test for all polymer modified emulsions shall be 50.0 ± 1.0 °F (10.0 ± 0.5 °C).

(6) The Solubility in Trichloroethylene test according to AASHTO T 44 may be run in lieu of Ash Content and shall meet a minimum of 97.5 percent.

(g) Non-Tracking Emulsified Asphalt. Non-tracking emulsified asphalt NTEA (formerly SS-1vh) shall be according to the following.

Test	Requirement
Saybolt Viscosity at 77 °F (25 °C), (AASHTO T 59), SFS	20-100
Storage Stability Test, 24 hr, (AASHTO T 59), %	1 max.
Residue by Distillation, 500 ± 10 °F (260 ± 5 °C), or Residue by Evaporation, 325 ± 5 °F (163 ± 3 °C), (AASHTO T 59), %	50 min.
Sieve Test, No. 20 (850 µm), (AASHTO T 59), %	0.3 max.
Tests on Residue from Evaporation	
Penetration at 77 °F (25 °C), 100 g, 5 sec, (AASHTO T 49), dmm	40 max.
Softening Point, (AASHTO T 53), °F (°C)	135 (57) min.
Ash Content, (AASHTO T 111), % 1/	1 max.

1/ The Solubility in Trichloroethylene test according to AASHTO T 44 may be run in lieu of Ash Content and shall meet a minimum of 97.5 percent

The different grades are, in general, used for the following.

Grade	Use
SS-1, SS-1h, RS-1, RS-2, CSS-1, CRS-1, CRS-2, CSS-1h, HFE-90, SS-1hP, CSS-1hP, NTEA (formerly SS-1vh)	Tack Coat
PEP	Prime Coat
RS-2, HFE-90, HFE-150, HFE-300, CRS-2P (formerly CRSP), HFRS-2P (formerly HFP), CRS-2, HFRS-2	Bituminous Surface Treatment
CQS-1hP (formerly CSS-1h Latex Modified)	Micro-Surfacing Slurry Sealing Cape Seal”

EQUIPMENT PARKING AND STORAGE (BDE)

Effective: November 1, 2017

Replace the first paragraph of Article 701.11 of the Standard Specifications with the following.

"**701.11 Equipment Parking and Storage.** During working hours, all vehicles and/or nonoperating equipment which are parked, two hours or less, shall be parked at least 8 ft (2.5 m) from the open traffic lane. For other periods of time during working and for all nonworking hours, all vehicles, materials, and equipment shall be parked or stored as follows.

(a) When the project has adequate right-of-way, vehicles, materials, and equipment shall be located a minimum of 30 ft (9 m) from the pavement.

(b) When adequate right-of-way does not exist, vehicles, materials, and equipment shall be located a minimum of 15 ft (4.5 m) from the edge of any pavement open to traffic.

(c) Behind temporary concrete barrier, vehicles, materials, and equipment shall be located a minimum of 24 in. (600 mm) behind free standing barrier or a minimum of 6 in. (150 mm) behind barrier that is either pinned or restrained according to Article 704.04. The 24 in. or 6 in. measurement shall be from the base of the non-traffic side of the barrier.

(d) Behind other man-made or natural barriers meeting the approval of the Engineer."

80388

MOBILIZATION (BDE)

Effective: April 1, 2020

Replace Articles 671.02(a), (b), and (c) of the Standard Specifications with the following:

"(a) Upon execution of the contract, 90 percent of the pay item will be paid.

(b) When 90 percent of the adjusted contract value is earned, the remaining ten percent of the pay item will be paid along with any amount bid in excess of six percent of the original contract amount."

80428

PORTLAND CEMENT CONCRETE (BDE)

Effective: November 1, 2017

Revise the Air Content % of Class PP Concrete in Table 1 Classes of Concrete and Mix Design Criteria in Article 1020.04 of the Standard Specifications to read:

"TABLE 1. CLASSES OF CONCRETE AND MIX DESIGN CRITERIA		
Class of Conc.	Use	Air Content %
PP	Pavement Patching Bridge Deck Patching (10)	
	PP-1	4.0 - 8.0"
	PP-2	
	PP-3	
	PP-4	
	PP-5	

Revise Note (4) at the end of Table 1 Classes of Concrete and Mix Design Criteria in Article 1020.04 of the Standard Specifications to read:

"(4) For all classes of concrete, the maximum slump may be increased to 7 in (175 mm) when a high range water-reducing admixture is used. For Class SC, the maximum slump may be increased to 8 in. (200 mm). For Class PS, the maximum slump may be increased to 8 1/2 in. (215 mm) if the high range water-reducing admixture is the polycarboxylate type."

80389

REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES (BDE)

Effective: January 1, 2019
Revised: January 1, 2020

Revise Section 669 of the Standard Specifications to read:

"**SECTION 669. REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES**

669.01 Description. This work shall consist of the transportation and proper disposal of regulated substances. This work shall also consist of the removal, transportation, and proper disposal of underground storage tanks (UST), their contents and associated underground piping to the point where the piping is above the ground, including determining the content types and estimated quantities.

669.02 Equipment. The Contractor shall notify the Engineer of the delivery of all excavation, storage, and transportation equipment to a work area location. The equipment shall comply with OSHA and American Petroleum Institute (API) guidelines and shall be furnished in a clean condition. Clean condition means the equipment does not contain any residual material classified as a non-special waste, non-hazardous special waste, or hazardous waste. Residual materials include, but are not limited to, petroleum products, chemical products, sludges, or any other material present in or on equipment.

Before beginning any associated soil or groundwater management activity, the Contractor shall provide the Engineer with the opportunity to visually inspect and approve the equipment. If the equipment contains any contaminated residual material, decontamination shall be performed on the equipment as appropriate to the regulated substance and degree of contamination present according to OSHA and API guidelines. All cleaning fluids used shall be treated as the contaminant unless laboratory testing proves otherwise.

669.03 Pre-Construction Submittals and Qualifications. Prior to beginning this work, or working in areas with regulated substances, the Contractor shall submit a "Regulated Substances Pre-Construction Plan (RSPCP)" to the Engineer for review and approval using form BDE 2730. The form shall be signed by an Illinois licensed Professional Engineer or Professional Geologist.

As part of the RSPCP, the Contractor(s) or firm(s) performing the work shall meet the following qualifications.

(a) Regulated Substances Monitoring. Qualification for environmental observation and field screening of regulated substances work and environmental observation of UST removal shall require either pre-qualification in Hazardous Waste by the Department or demonstration of acceptable project experience in remediation and operations for contaminated sites in accordance with applicable Federal, State, or local regulatory requirements using BDE 2730.

Qualification for each individual performing regulated substances monitoring shall require a minimum of one-year of experience in similar activities as those required for the project.

(b) Underground Storage Tank Removal. Qualification for underground storage tank (UST) removal work shall require licensing and certification with the Office of the State Fire Marshall (OSFM) and possession of all permits required to perform the work. A copy of the permit shall be provided to the Engineer prior to tank removal.

The qualified Contractor(s) or firm(s) shall also document it does not have any current or former ties with any of the properties contained within, adjoining, or potentially affecting the work.

The Engineer will require up to 21 calendar days for review of the RSPCP. The review may involve rejection or revision and resubmittal; in which case, an additional 21 days will be required for each subsequent review. Work shall not commence until the RSPCP has been approved by the Engineer. After approval, the RSPCP shall be revised as necessary to reflect changed conditions in the field and documented using BDE 2730A "Regulated Substances Pre-Construction Plan (RSPCP) Addendum" and submitted to the Engineer for approval.

CONSTRUCTION REQUIREMENTS

669.04 Regulated Substances Monitoring. Regulated substances monitoring includes environmental observation and field screening during regulated substances management activities at the contract specific work areas. As part of the regulated substances monitoring, the monitoring personnel shall perform and document the applicable duties listed on form BDE 2732 "Regulated Substances Monitoring Daily Record (RSMDR)".

(a) Environmental Observation. Prior to beginning excavation, the Contractor shall mark the limits of the contract specific work areas. Once work begins, the monitoring personnel shall be present on-site continuously during the excavation and loading of material.

(b) Field Screening. Field screening shall be performed during the excavation and loading of material from the contract specific work areas, except for material classified according to Article 669.05(b)(1) or 669.05(c) where field screening is not required.

Field screening shall be performed with either a photoionization detector (PID) (minimum 10.6eV lamp) or a flame ionization detector (FID), and other equipment as appropriate, to monitor for potential contaminants associated with regulated substances. The PID or FID shall be calibrated on-site, and background level readings taken and recorded daily, and as field and weather conditions change. Field screen readings on the PID or FID in excess of background levels indicates the potential presence of regulated substances requiring handling as a non-special waste, special waste, or hazardous waste. PID or FID readings may be used as the basis of increasing the limits of removal with the approval of the Engineer but shall in no case be used to decrease the limits.

669.05 Regulated Substances Management and Disposal. The management and disposal of soil and/or groundwater containing regulated substances shall be according to the following:

(a) Soil Analytical Results Exceed Most Stringent MAC. When the soil analytical results indicate detected levels exceed the most stringent maximum allowable concentration (MAC) for chemical constituents in soil established pursuant to Subpart F of 35 Ill. Adm. Code 1100.605, the soil shall be managed as follows:

(1) When analytical results indicate inorganic chemical constituents exceed the most stringent MAC, but still considered within area background levels by the Engineer, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable. If the soils cannot be utilized within the right-of-way, they shall be managed and disposed of at a landfill as a non-special waste.

(2) When analytical results indicate inorganic chemical constituents exceed the most stringent MAC but do not exceed the MAC for a Metropolitan Statistical Area (MSA) County identified in 35 Ill. Admin. Code 742 Appendix A. Table G, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable, or managed and disposed of at a clean construction and demolition debris (CCDD) facility or an uncontaminated soil fill operation (USFO) within an MSA County provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.

(3) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for an MSA County excluding Chicago, or the MAC within the Chicago corporate limits, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable, or managed and disposed of off-site at a CCDD facility or an USFO within an MSA County excluding Chicago or within the Chicago corporate limits provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.

(4) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for an MSA County excluding Chicago, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable, or managed and disposed of off-site at a CCDD facility or an USFO within an MSA County excluding Chicago provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.

(5) When the Engineer determines soil cannot be managed according to Articles 669.05(a)(1) through (a)(4) above and the materials do not contain special waste or hazardous waste, as determined by the Engineer, the soil shall be managed and disposed of at a landfill as a non-special waste.

(6) When analytical results indicate soil is hazardous by characteristic or listing pursuant to 35 Ill. Admin. Code 721, contains radiological constituents, or the Engineer otherwise determines the soil cannot be managed according to Articles 669.05(a)(1)

through (a)(5) above, the soil shall be managed and disposed of off-site as a special waste or hazardous waste as applicable.

(b) Soil Analytical Results Do Not Exceed Most Stringent MAC. When the soil analytical results indicate that detected levels do not exceed the most stringent MAC, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable, or managed and disposed of off-site according to Article 202.03. However, the excavated soil cannot be taken to a CCDD facility or an USFO for any of the following reasons.

(1) The pH of the soil is less than 6.25 or greater than 9.0.

(2) The soil exhibited PID or FID readings in excess of background levels.

(c) Soil Analytical Results Exceed Most Stringent MAC but Do Not Exceed Tiered Approach to Corrective Action Objectives (TACO) Residential. When the soil analytical results indicate that detected levels exceed the most stringent MAC but do not exceed TACO Tier 1 Soil Remediation Objectives for Residential Properties pursuant to 35 Ill. Admin. Code 742 Appendix B Table A, the excavated soil can be utilized within the right-of-way as embankment or fill, when suitable, or managed and disposed of off-site according to Article 202.03. However, the excavated soil cannot be taken to a CCDD facility or an USFO.

(d) Groundwater. When groundwater analytical results indicate the detected levels are above Appendix B, Table E of 35 Ill. Admin. Code 742, the most stringent Tier 1 Groundwater Remediation Objectives for Groundwater Component of the Groundwater Ingestion Route for Class 1 groundwater, the groundwater shall be managed off-site as a special waste or hazardous waste as applicable. Special waste groundwater shall be containerized and trucked to an off-site treatment facility, or may be discharged to a sanitary sewer or combined sewer when permitted by the local sewer authority. Groundwater discharged to a sanitary sewer or combined sewer shall be pre-treated to remove particulates and measured with a calibrated flow meter to comply with applicable discharge limits. A copy of the permit shall be provided to the Engineer prior to discharging groundwater to the sanitary sewer or combined sewer.

Groundwater encountered within trenches may be managed within the trench and allowed to infiltrate back into the ground. If the groundwater cannot be managed within the trench, it may be discharged to a sanitary sewer or combined sewer when permitted by the local sewer authority, or it shall be containerized and trucked to an off-site treatment facility as a special waste or hazardous waste. The Contractor is prohibited from discharging groundwater within the trench through a storm sewer. The Contractor shall install backfill plugs within the area of groundwater contamination.

One backfill plug shall be placed down gradient to the area of groundwater contamination. Backfill plugs shall be installed at intervals not to exceed 50 ft (15 m). Backfill plugs are to be 4 ft (1.2 m) long, measured parallel to the trench, full trench width and depth. Backfill plugs shall not have any fine aggregate bedding or backfill, but shall be entirely cohesive

soil or any class of concrete. The Contractor shall provide test data that the material has a permeability of less than 10^{-7} cm/sec according to ASTM D 5084, Method A or per another test method approved by the Engineer.

The Contractor shall use due care when transferring contaminated material from the area of origin to the transporter. Should releases of contaminated material to the environment occur (i.e., spillage onto the ground, etc.), the Contractor shall clean-up spilled material and place in the appropriate storage containers as previously specified. Clean-up shall include, but not be limited to, sampling beneath the material staging area to determine complete removal of the spilled material.

The Contractor shall provide engineered barriers, when required, and shall include materials sufficient to completely line excavation surfaces, including sloped surfaces, bottoms, and sidewall faces, within the areas designated for protection.

The Contractor shall obtain all documentation including any permits and/or licenses required to transport the material containing regulated substances to the disposal facility. The Contractor shall coordinate with the Engineer on the completion of all documentation. The Contractor shall make all arrangements for collection and analysis of landfill acceptance testing. The Contractor shall coordinate waste disposal approvals with the disposal facility.

The Contractor shall provide the Engineer with all transport-related documentation within two days of transport or receipt of said document(s). For management of special or hazardous waste, the Contractor shall provide the Engineer with documentation that the Contractor is operating with a valid Illinois special waste transporter permit at least two weeks before transporting the first load of contaminated material.

Transportation and disposal of material classified according to Article 669.05(a)(5) or 669.05(a)(6) shall be completed each day so that none of the material remains on-site by the close of business, except when temporary staging has been approved.

Any waste generated as a special or hazardous waste from a non-fixed facility shall be manifested off-site using the Department's county generator number provided by the Bureau of Design and Environment. An authorized representative of the Department shall sign all manifests for the disposal of the contaminated material and confirm the Contractor's transported volume. Any waste generated as a non-special waste may be managed off-site without a manifest, a special waste transporter, or a generator number.

The Contractor shall select a landfill permitted for disposal of the contaminant within the State of Illinois. The Department will review and approve or reject the facility proposed by the Contractor to use as a landfill. The Contractor shall verify whether the selected disposal facility is compliant with those applicable standards as mandated by their permit and whether the disposal facility is presently, has previously been, or has never been, on the United States Environmental Protection Agency (U.S. EPA) National Priorities List or the Resource Conservation and Recovery Act (RCRA) List of Violating Facilities. The use of a Contractor selected landfill shall in no manner delay the construction schedule or alter the Contractor's responsibilities as set forth.

669.06 Non-Special Waste Certification. An authorized representative of the Department shall sign and date all non-special waste certifications. The Contractor shall be responsible for providing the Engineer with the required information that will allow the Engineer to certify the waste is not a special waste.

(a) Definition. A waste is considered a non-special waste as long as it is not:

(1) a potentially infectious medical waste;

(2) a hazardous waste as defined in 35 Ill. Admin. Code 721;

(3) an industrial process waste or pollution control waste that contains liquids, as determined using the paint filter test set forth in subdivision (3)(A) of subsection (m) of 35 Ill. Admin. Code 811.107;

(4) a regulated asbestos-containing waste material, as defined under the National Emission Standards for Hazardous Air Pollutants in 40 CFR Part 61.141;

(5) a material containing polychlorinated biphenyls (PCB's) regulated pursuant to 40 CFR Part 761;

(6) a material subject to the waste analysis and recordkeeping requirements of 35 Ill. Admin. Code 728.107 under land disposal restrictions of 35 Ill. Admin. Code 728;

(7) a waste material generated by processing recyclable metals by shredding and required to be managed as a special waste under Section 22.29 of the Environmental Protection Act; or

(8) an empty portable device or container in which a special or hazardous waste has been stored, transported, treated, disposed of, or otherwise handled.

(b) Certification Information. All information used to determine the waste is not a special waste shall be attached to the certification. The information shall include but not be limited to:

(1) the means by which the generator has determined the waste is not a hazardous waste;

(2) the means by which the generator has determined the waste is not a liquid;

(3) if the waste undergoes testing, the analytic results obtained from testing, signed and dated by the person responsible for completing the analysis;

(4) if the waste does not undergo testing, an explanation as to why no testing is needed;

(5) a description of the process generating the waste; and

(6) relevant material safety data sheets.

669.07 Temporary Staging. Soil classified according to Articles 669.05(a)(2), (b)(1), or (c) may be temporarily staged at the Contractor's option. Soil classified according to Articles 669.05(a)(1), (a)(3), (a)(4), (a)(5), (a)(6), or (b)(2) shall be managed and disposed of without temporary staging to the greatest extent practicable. If circumstances beyond the Contractor's control require temporary staging of these latter materials, the Contractor shall request approval from the Engineer in writing.

Temporary staging shall be accomplished within the right-of-way and the Contractor's means and methods shall be described in the approved or amended RSPCP. Staging areas shall not be located within 200 feet (61 m) of a public or private water supply well; nor within 100 feet (30 m) of sensitive environmental receptor areas, including wetlands, rivers, streams, lakes, or designated habitat zones.

The method of staging shall consist of containerization or stockpiling as applicable for the type, classification, and physical state (i.e., liquid, solid, semisolid) of the material. Materials of different classifications shall be staged separately with no mixing or co-mingling.

When containers are used, the containers and their contents shall remain intact and inaccessible to unauthorized persons until the manner of disposal is determined. The Contractor shall be responsible for all activities associated with the storage containers including, but not limited to, the procurement, transport, and labeling of the containers. The Contractor shall not use a storage container if visual inspection of the container reveals the presence of free liquids or other substances that could cause the waste to be reclassified as a hazardous or special waste.

When stockpiles are used, they shall be covered with a minimum 20-mil plastic sheeting or tarps secured using weights or tie-downs. Perimeter berms or diversionary trenches shall be provided to contain and collect for disposal any water that drains from the soil. Stockpiles shall be managed to prevent or reduce potential dust generation.

When staging non-special waste, special waste, or hazardous waste, the following additional requirements shall apply:

(a) Non-Special Waste. When stockpiling soil classified according to Article 669.05(a)(1) or 669.05(a)(5), an impermeable surface barrier between the materials and the ground surface shall be installed. The impermeable barrier shall consist of a minimum 20-mil plastic liner material and the surface of the stockpile area shall be clean and free of debris prior to placement of the liner. Measures shall also be taken to limit or discourage access to the staging area.

(b) Special Waste and Hazardous Waste. Soil classified according to Article 669.05(a)(6) shall not be stockpiled but shall be containerized immediately upon generation in containers, tanks or containment buildings as defined by RCRA, Toxic Substances Control

Act (TSCA), and other applicable State or local regulations and requirements, including 35 Ill. Admin. Code Part 722, Standards Applicable to Generators of Hazardous Waste.

The staging area(s) shall be enclosed (by a fence or other structure) to restrict direct access to the area, and all required regulatory identification signs applicable to a staging area containing special waste or hazardous waste shall be deployed.

Storage containers shall be placed on an all-weather gravel-packed, asphalt, or concrete surface. Containers shall be in good condition and free of leaks, large dents, or severe rusting, which may compromise containment integrity. Containers must be constructed of, or lined with, materials that will not react or be otherwise incompatible with the hazardous or special waste contents. Containers used to store liquids shall not be filled more than 80 percent of the rated capacity. Incompatible wastes shall not be placed in the same container or comingled.

All containers shall be legibly labeled and marked using pre-printed labels and permanent marker in accordance with applicable regulations, clearly showing the date of waste generation, location and/or area of waste generation, and type of waste. The Contractor shall place these identifying markings on an exterior side surface of the container.

Storage containers shall be kept closed, and storage pads covered, except when access is needed by authorized personnel.

Special waste and hazardous waste shall be transported and disposed within 90 days from the date of generation.

669.08 Underground Storage Tank Removal. For the purposes of this section, an underground storage tank (UST) includes the underground storage tank, piping, electrical controls, pump island, vent pipes and appurtenances.

Prior to removing an UST, the Engineer shall determine whether the Department is considered an "owner" or "operator" of the UST as defined by the UST regulations (41 Ill. Adm. Code Part 176). Ownership of the UST refers to the Department's owning title to the UST during storage, use or dispensing of regulated substances. The Department may be considered an "operator" of the UST if it has control of, or has responsibility for, the daily operation of the UST. The Department may however voluntarily undertake actions to remove an UST from the ground without being deemed an "operator" of the UST.

In the event the Department is deemed not to be the "owner" or "operator" of the UST, the OSFM removal permit shall reflect who was the past "owner" or "operator" of the UST. If the "owner" or "operator" cannot be determined from past UST registration documents from OSFM, then the OSFM removal permit will state the "owner" or "operator" of the UST is the Department. The Department’s Office of Chief Counsel (OCC) will review all UST removal permits prior to submitting any removal permit to the OSFM. If the Department is not the “owner” or “operator” of the UST then it will not register the UST or pay any registration fee.

The Contractor shall be responsible for obtaining permits required for removing the UST, notification to the OSFM, using an OSFM certified tank contractor, removal and disposal of the UST and its contents, and preparation and submittal of the OSFM Site Assessment Report in accordance with 41 Ill. Admin. Code Part 176.330.

The Contractor shall contact the Engineer and the OSFM's office at least 72 hours prior to removal to confirm the OSFM inspector's presence during the UST removal. Removal, transport, and disposal of the UST shall be according to the applicable portions of the latest revision of the "American Petroleum Institute (API) Recommended Practice 1604".

The Contractor shall collect and analyze tank content (sludge) for disposal purposes. The Contractor shall remove as much of the regulated substance from the UST system as necessary to prevent further release into the environment. All contents within the tank shall be removed, transported and disposed of, or recycled. The tank shall be removed and rendered empty according to IEPA definition.

The Contractor shall collect soil samples from the bottom and sidewalls of the excavated area in accordance with 35 Ill. Admin. Code Part 734.210(h) after the required backfill has been removed during the initial response action, to determine the level of contamination remaining in the ground, regardless if a release is confirmed or not by the OSFM on-site inspector.

In the event the UST is designated a leaking underground storage tank (LUST) by the OSFM's inspector, or confirmation by analytical results, the Contractor shall notify the Engineer and the District Environmental Studies Unit (DESU). Upon confirmation of a release of contaminants and notifications to the Engineer and DESU, the Contractor shall report the release to the Illinois Emergency Management Agency (IEMA) (e.g., by telephone or electronic mail) and provide them with whatever information is available ("owner" or "operator" shall be stated as the past registered "owner" or "operator", or the IDOT District in which the tank is located and the DESU Manager).

The Contractor shall perform the following initial response actions if a release is indicated by the OSFM inspector:

(a) Take immediate action to prevent any further release of the regulated substance to the environment, which may include removing, at the Engineer's discretion, and disposing of up to 4 ft (1.2 m) of the contaminated material, as measured from the outside dimension of the tank;

(b) Identify and mitigate fire, explosion and vapor hazards;

(c) Visually inspect any above ground releases or exposed below ground releases and prevent further migration of the released substance into surrounding soils and groundwater; and

(d) Continue to monitor and mitigate any additional fire and safety hazards posed by vapors and free product that have migrated from the tank excavation zone and entered into subsurface structures (such as sewers or basements).

The tank excavation shall be backfilled according to applicable portions of Sections 205, 208, and 550 with a material that will compact and develop stability. All uncontaminated concrete and soil removed during tank extraction may be used to backfill the excavation, at the discretion of the Engineer.

After backfilling the excavation, the site shall be graded and cleaned.

669.09 Regulated Substances Final Construction Report. Not later than 90 days after completing this work, the Contractor shall submit a "Regulated Substances Final Construction Report (RSFCR)" to the Engineer using form BDE 2733 and required attachments. The form shall be signed by an Illinois licensed Professional Engineer or Professional Geologist.

669.10 Method of Measurement. Non-special waste, special waste, and hazardous waste soil will be measured for payment according to Article 202.07(b) when performing earth excavation, Article 502.12(b) when excavating for structures, or by computing the volume of the trench using the maximum trench width permitted and the actual depth of the trench.

Groundwater containerized and transported off-site for management, storage, and disposal will be measured for payment in gallons (liters).

Backfill plugs will be measured in cubic yards (cubic meters) in place, except the quantity for which payment will be made shall not exceed the volume of the trench, as computed by using the maximum width of trench permitted by the Specifications and the actual depth of the trench, with a deduction for the volume of the pipe.

Engineered Barriers will be measured for payment in square yards (square meters).

669.11 Basis of Payment. The work of preparing, submitting and administering a Regulated Substances Pre-Construction Plan will be paid for at the contract lump sum price for REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN.

Regulated substances monitoring, including completion of form BDE 2732 for each day of work, will be paid for at the contract unit price per calendar day, or fraction thereof to the nearest 0.5 calendar day, for REGULATED SUBSTANCES MONITORING.

The installation of engineered barriers will be paid for at the contract unit price per square yard (square meter) for ENGINEERED BARRIER.

The work of UST removal, soil excavation, soil and content sampling, the management of excavated soil and UST content, and UST disposal, will be paid for at the contract unit price per each for UNDERGROUND STORAGE TANK REMOVAL.

The transportation and disposal of soil and other materials from an excavation determined to be contaminated will be paid for at the contract unit price per cubic yard (cubic meter) for

NON-SPECIAL WASTE DISPOSAL, SPECIAL WASTE DISPOSAL, or HAZARDOUS WASTE DISPOSAL.

The transportation and disposal of groundwater from an excavation determined to be contaminated will be paid for at the contract unit price per gallon (liter) for SPECIAL WASTE GROUNDWATER DISPOSAL or HAZARDOUS WASTE GROUNDWATER DISPOSAL. When groundwater is discharged to a sanitary or combined sewer by permit, the cost will be paid for according to Article 109.05.

Backfill plugs will be paid for at the contract unit price per cubic yard (cubic meter) for BACKFILL PLUGS.

Payment for temporary staging of soil classified according to Articles 669.05(a)(1), (a)(3), (a)(4), (a)(5), (a)(6), or (b)(2) will be paid for according to Article 109.04. The Department will not be responsible for any additional costs incurred, if mismanagement of the staging area, storage containers, or their contents by the Contractor results in excess cost expenditure for disposal or other material management requirements.

Payment for accumulated stormwater removal and disposal will be according to Article 109.04. Payment will only be allowed if appropriate stormwater and erosion control methods were used.

Payment for decontamination, labor, material, and equipment for monitoring areas beyond the specified areas, with the Engineer's prior written approval, will be according to Article 109.04.

When the waste material for disposal requires sampling for landfill disposal acceptance, the samples shall be analyzed for TCLP VOCs, SVOCs, RCRA metals, pH, ignitability, and paint filter test. The analysis will be paid for at the contract unit price per each for SOIL DISPOSAL ANALYSIS using EPA Methods 1311 (extraction), 8260B for VOCs, 8270C for SVOCs, 6010B and 7470A for RCRA metals, 9045C for pH, 1030 for ignitability, and 9095A for paint filter.

The work of preparing, submitting and administering a Regulated Substances Final Construction Report will be paid for at the contract lump sum price REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT."

80407

SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)

Effective: November 2, 2017
Revised: April 1, 2019

Replace the second paragraph of Article 109.12 of the Standard Specifications with the following:

"This mobilization payment shall be made at least seven days prior to the subcontractor starting work. The amount paid shall be at the following percentage of the amount of the subcontract reported on form BC 260A submitted for the approval of the subcontractor's work.

Value of Subcontract Reported on Form BC 260A	Mobilization Percentage
Less than $10,000	25%
$10,000 to less than $20,000	20%
$20,000 to less than $40,000	18%
$40,000 to less than $60,000	16%
$60,000 to less than $80,000	14%
$80,000 to less than $100,000	12%
$100,000 to less than $250,000	10%
$250,000 to less than $500,000	9%
$500,000 to $750,000	8%
Over $750,000	7%"

80391

TRAFFIC CONTROL DEVICES - CONES (BDE)

Effective: January 1, 2019

Revise Article 701.15(a) of the Standard Specifications to read:

"(a) Cones. Cones are used to channelize traffic. Cones used to channelize traffic at night shall be reflectorized; however, cones shall not be used in nighttime lane closure tapers or nighttime lane shifts."

Revise Article 1106.02(b) of the Standard Specifications to read:

"(b) Cones. Cones shall be predominantly orange. Cones used at night that are 28 to 36 in. (700 to 900 mm) in height shall have two white circumferential stripes. If non-reflective spaces are left between the stripes, the spaces shall be no more than 2 in. (50mm) in width. Cones used at night that are taller than 36 in. (900 mm) shall have a minimum of two white and two fluorescent orange alternating, circumferential stripes with the top stripe being fluorescent orange. If non-reflective spaces are left between the stripes, the spaces shall be no more than 3 in. (75 mm) in width.

The minimum weights for the various cone heights shall be 4 lb for 18 in. (2 kg for 450 mm), 7 lb for 28 in. (3 kg for 700 mm), and 10 lb for 36 in. (5 kg for 900 mm) with a minimum of 60 percent of the total weight in the base. Cones taller than 36 in. shall be weighted per the manufacturer's specifications such that they are not moved by wind or passing traffic."

80409

WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

Effective: March 2, 2020

Add the following to Article 701.03 of the Standard Specifications:

"(q) Temporary Sign Supports .....1106.02"

Revise the third paragraph of Article 701.14 of the Standard Specifications to read:

"For temporary sign supports, the Contractor shall provide a FHWA eligibility letter for each device used on the contract. The letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device. The signs shall be supported within 20 degrees of vertical. Weights used to stabilize signs shall be attached to the sign support per the manufacturer's specifications."

Revise the first paragraph of Article 701.15 of the Standard Specifications to read:

"**701.15 Traffic Control Devices.** For devices that must meet crashworthiness standards, the Contractor shall provide a manufacturer's self-certification or a FHWA eligibility letter for each Category 1 device and a FHWA eligibility letter for each Category 2 and Category 3 device used on the contract. The self-certification or letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device."

Revise the first six paragraphs of Article 1106.02 of the Standard Specifications to read:

"**1106.02 Devices.** Work zone traffic control devices and combinations of devices shall meet crashworthiness standards for their respective categories. The categories are as follows.

Category 1 includes small, lightweight, channelizing and delineating devices that have been in common use for many years and are known to be crashworthy by crash testing of similar devices or years of demonstrable safe performance. These include cones, tubular markers, plastic drums, and delineators, with no attachments (e.g. lights). Category 1 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 1 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2024.

Category 2 includes devices that are not expected to produce significant vehicular velocity change but may otherwise be hazardous. These include vertical panels with lights, barricades, temporary sign supports, and Category 1 devices with attachments (e.g. drums with lights). Category 2 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 2 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2024.

Category 3 includes devices that are expected to cause significant velocity changes or other potentially harmful reactions to impacting vehicles. These include crash cushions (impact

attenuators), truck mounted attenuators, and other devices not meeting the definitions of Category 1 or 2. Category 3 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 3 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2029. Category 3 devices shall be crash tested for Test Level 3 or the test level specified.

Category 4 includes portable or trailer-mounted devices such as arrow boards, changeable message signs, temporary traffic signals, and area lighting supports. It is preferable for Category 4 devices manufactured after December 31, 2019 to be MASH-16 compliant; however, there are currently no crash tested devices in this category, so it remains exempt from the NCHRP 350 or MASH compliance requirement.

For each type of device, when no more than one MASH-16 compliant is available, an NCHRP 350 or MASH-2009 compliant device may be used, even if manufactured after December 31, 2019."

Revise Articles 1106.02(g), 1106.02(k), and 1106.02(l) to read:

"(g) Truck Mounted/Trailer Mounted Attenuators. The attenuator shall be approved for use at Test Level 3. Test Level 2 may be used for normal posted speeds less than or equal to 45 mph.

(k) Temporary Water Filled Barrier. The water filled barrier shall be a lightweight plastic shell designed to accept water ballast and be on the Department's qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings.

(l) Movable Traffic Barrier. The movable traffic barrier shall be on the Department's qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings. The barrier shall be capable of being moved on and off the roadway on a daily basis."

80427

Illinois Department of Transportation

Special Provisions

Local Public Agency	County	Section Number
Village of Buffalo Grove	Cook/Lake	N/A

The following Special Provision supplement the "Standard Specifications for Road and Bridge Construction", adopted April 1, 2016, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures of Materials" in effect on the date of invitation of bids, and the Supplemental Specification and Recurring Special Provisions indicated on the Check Sheet included here in which apply to and govern the construction of the above named section, and in case of conflict with any parts, or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

2020 Saxon/Downing Water & Street Improvements

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General Conditions

1. Scope of Work

The provisions of Article 104.02 of the Standard Specifications are hereby amended as follows: "The Village of Buffalo Grove (Village) expressly reserves the right to remove from or add to the project any portions thereof included in the 2020 Saxon/Downing Water & Street Improvements. Such reductions, if any, shall be made in writing by the Village prior to execution of the Contract Documents. Any reduction in the scope of work required by the Village prior to the execution of the Contract Documents shall not result in an adjustment to the contract or to the price originally bid."

2. Definition of Village of Buffalo Grove

All references in the contract relating to the Department, Awarding Authority, Village of Buffalo Grove, Village, etc. shall mean the Village of Buffalo Grove.

3. Clean Construction and Demolition Debris (CCDD) Material Disposal

Work under this item shall be performed in compliance with the Illinois Environmental Protection Agency (IEPA) guidelines in effect at the time of construction.

The Contractor will be required to make all arrangements for coordination and submission of the necessary documents with their chosen CCDD or other suitable disposal facility. Written confirmation of preliminary approval must be provided from the disposal facility and confirmed by the Owner as acceptable.

All surplus, clean material generated from the Contractor's activities must be disposed of at an IEPA permitted CCDD or otherwise acceptable facility. The Contractor is responsible for providing documentation to the Village for each load hauled off-site showing the quantity of material and the location the material was disposed of.

Disposal of clean material not in compliance with these requirements will constitute breach of contract. If the Contractor fails to provide adequate documentation supporting the legal disposal of clean material according to this special provision, the Contractor shall be fined $1,000 per load of material and will assume all liability associated with material disposed of not in compliance with this special provision.

No extra compensation will be allowed to the Contractor for any expenses incurred complying with these requirements including but not limited to: delays, inconvenience, or interruptions in the work resulting from compliance with these requirements. All costs associated with material disposal shall be included into the appropriate unit bid prices for the work.

4. JULIE Notification

The Contractor shall call the Joint Utility Locating Information for Excavators (JULIE) (1-800-892-0123 or 811), a minimum of forty-eight (48) hours in advance of work being done in the area in accordance with Article 107.39 of the Standard Specifications.

For utilities which are not members, excluding homeowners, the Contractor shall contact the owners directly. The Contractor will be required to cooperate with all utility companies and municipal agencies involved in connection with the removal, temporary relocation, reconstruction or abandonment by these agencies of any and all services.

No additional compensation will be allowed the Contractor for any expense incurred by complying with these requirements, or because of delays, inconvenience or interruptions in his work resulting from the failure of the municipal agencies or utility company to remove, relocate, reconstruct or abandon their services.

5. Prequalification of Bidders

Bidders shall be prequalified with the Illinois Department of Transportation in accordance with Article 102.01 of the Standard Specifications and is required by all bidders.

All bidders are required to fully register with the Village of Buffalo Grove, including IRS Form W-9, at:

https://vrapp.vendorregistry.com/Vendor/Register/Index/buffalo-grove-village-of-il-vendor-registration

OR

www.vbg.org/bids
Select the link 'Register My Business'

Please contact Vendor Registry at (844) 802-9202 for assistance in the registration process.

The Village of Buffalo Grove reserves the right to reject any or all proposals if the bidder does not comply with the requirements as stated herein.

6. Completion Date

The Contractor shall commence the work to be performed under this contract, 10 days following the execution of the contract. The work shall be prosecuted in such a manner and with such a supply of materials, equipment and labor as considered necessary to ensure its completion according to the time specified in the contract. The Contractor shall substantially complete all work in the contract by Friday, August 14, 2020, including landscape restoration, as defined in Article 108.04 of the Standard Specifications.

Following substantial completion, the Contractor shall provide the Engineer written notice in accordance with Article 105.13 of the Standard Specifications. The Contractor will have fourteen (14) calendar days to correct any deficiencies following the scheduled final inspection and punch list submittal by the Engineer.

In case of failure to complete the work on time and/or the deficient punch list items, the provisions of Article 108.09 of the Standard Specifications shall apply, except regardless of the contract amount, the daily charge shall be $2,000 per calendar day overrun. Landscape restoration planting times shall follow Article 250.07 of the Standard Specifications.

The estimated Village Board award date for this project is Monday, March 16, 2020 with an anticipated commencement date of Monday, April 6, 2020.

7. Contract Sequencing

The Contractor shall notify the Engineer at least 72 hours in advance of beginning work and 48 hours prior to construction commencement on each subsequent street. Construction operations shall be conducted in a manner such that streets will remain open to all traffic. At no time shall residents or business owners be kept out of their driveway over a weekend or holiday as defined in article 107.09 of the Standard Specifications.

Work shall be scheduled so that it is continuous on the various roadways. The Contractor and approved Subcontractor(s) shall, at all times, employ and provide sufficient labor, tools, equipment, and other incidental items for prosecuting the work to full completion in the manner and time required by the contract.

The Village of Buffalo Grove will be concluding the construction of the 2019 University Drive Street and Utility Improvement Project on University Drive from Buffalo Grove Road to Cambridge Drive in the Spring of 2020. In accordance with Article 105.08 of the Standard Specifications, each Contractor shall cooperate and not interfere with or hinder the progress of completion of the work being performed by other Contractors. The Engineer will provide progress updates on adjacent projects as applicable. The Contractor shall be advised that no construction traffic will be allowed on University Drive the day of asphalt surface placement, and seven (7) calendar days thereafter.

8. Construction Work Periods

Construction operations shall be completed in accordance with Article 107.09 of the Standard Specifications. All work shall be confined to the period beginning at 7:00 AM and ending at 6:00 PM on weekdays. No work shall be done on Sundays or legal holiday periods as defined in article 107.09 of the Standard Specifications.

No work shall be permitted on Saturday's unless prior written approval is granted by the Village. All requests to work on a Saturday shall be submitted by 4:00 PM, the Wednesday prior to the date requested. If work is allowed, it shall be confined to the period beginning at 8:30 AM to 6:00 PM. The completion date shall be reduced by one (1) full calendar day for each Saturday the Contractor elects to work, regardless if the Saturday worked is a full or partial working day.

Any work outside the allowed time periods in accordance with the Village Ordinance, including but not limited to, material deliveries, mobilization of equipment, warming up machinery, or truck staging, a penalty of $1,000 per occurrence may be imposed.

9. Pre-Construction Meeting

Prior to commencing any construction operations, there shall be a pre-construction meeting. The Village or Engineer will set the time and date of the meeting following Contract award.

The following shall be submitted by the Contractor for review at the pre-construction meeting:

A Progress Schedule in accordance with Article 108.02.

The 24-hour emergency phone number and contact information of the assigned Contractor's superintendent, or otherwise.

The name and 24-hour emergency phone number of the person in the direct employ of the Contractor who is responsible for administrating the Traffic Control and Protection on the Contract

A list of subcontractors with contact information, including but not limited to name, phone number, and email address, and include quantity and type of work to be sublet for each respective subcontractor in accordance with Article 108.01 of the Standard Specifications.

A list of proposed sources of material.

Hot-mix asphalt and concrete mix designs, and respective quality control plans.*

Any applicable shop drawing submittals.*

*Shop drawings and mix designs for concrete and bituminous items to be installed on the project shall be submitted to the Village no less than ten (10) calendar days from the effective notice to proceed dated letter or the scheduled date of the pre-construction meeting, whichever occurs earlier. A monetary penalty of $500 may be imposed for each required submittal thereafter.

10. Sub-Contracting

Add the following to the end of ARTICLE 108.01 SUBCONTRACTING.

"The apparent low Bidder on a "Request for Approval of a Subcontractor" (BC 260a) form shall submit to the office of Engineer within ten (10) calendar days after the receipt of bids, a list of the names of Bidder's proposed subcontractors along with a description of the work to be performed by each. The Village will then review and reserves the right to reject the use of any subcontractor on the project due to past performance or the apparent inability to properly perform the item of work."

11. Authority of the Engineer

Revise ARTICLE 105.01 AUTHORITY OF ENGINEER to read:

"All work shall be done in accordance with the requirements of the Contract, the Engineer shall have the right, but not the obligation, to observe all work. The Engineer shall decide all questions that arise as to the interpretation of the Plans and Specifications and as to disputes and mutual rights between Contractors under the Specifications. The Engineer shall advise the Village of Buffalo Grove as to the quality and acceptability of materials furnished and work performed, rate of progress of the work, and acceptable fulfillment of the Contract. The Engineer will determine the amount of materials furnished and work performed. The Engineer's advice and determinations shall be conditions precedent to the right of the Contractor to receive money due the Contractor under the Contract."

"The Engineer will notify the Contractor in writing if the work is to be suspended by the Village of Buffalo Grove wholly or in part due to the failure of the Contractor to carry out provisions of the contract; for failure to carry out orders; for such periods due to unsuitable weather; for conditions considered unsuitable for the prosecution of the work or for any other condition or reason deemed to be in the public interest."

"In case of failure on the part of the Contractor to execute work as directed by the Engineer, the Village of Buffalo Grove may, at the expiration of a period of 48 hours after giving notice in writing to the Contractor, proceed to execute such work as may be deemed necessary, and the cost thereof shall be deducted from compensation due or which may become due to the Contractor under the contract."

The Engineer shall not assume any of the responsibilities of the Contractor's superintendent or of subcontractors; shall not expedite the work for the Contractor; and shall not advise on, or issue directions concerning aspects of construction means, methods, techniques, sequences or procedures, or safety precautions in connection with the work.

12. Maintenance of Roadways and Erosion Control

Beginning on the date that the Contractor begins work on this project, he shall assume responsibility for normal maintenance of all existing roadways and trenches within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the Engineer, but shall not include snow removal operations. Traffic control and protection for maintenance of roadways will be provided by the Contractor as required by the contract documents.

The Contractor shall be required to control dust or air-borne dirt resulting from construction operations by utilizing a mechanical street sweeper on all pavement within or adjacent to the project work zone throughout the duration of the project. The resulting debris shall be disposed of off-site in accordance with Article 202.03 of the Standard Specifications. Individual fire hydrant use shall not be permitted to control dust at specific locations. The Contractor shall provide dust control operations daily or as directed by the Engineer.

The cost of this work shall be included in the unit prices bid and no additional compensation shall be allowed to control dust as specified herein.

No excavations shall be left open during non-work hours unless approved by the Village and adequately protected from the public.

The Contractor will be required over the course of construction to clean inlet filter baskets weekly or prior to a forecasted rain event. Many of the homes in the Village have lower garages and are susceptible to damage when streets flood. The Contractor shall be held liable for any damage to private structures if it is determined that the damage was due to the Contractor's neglect as specified herein. In the event water is not properly running through inlet filter baskets caused by debris, the Village crews may respond to resident calls about street flooding. Any Village expense occurred in labor or materials responding to these calls will be back charged to the Contractor and deducted from a future pay request.

The Contractor will be required to perform erosion control best management practices as listed on the plans, specifications, and details during construction. Discharge of sediment-laden water or construction debris into the storm sewer system or waterways will not be permitted and subjected to a monetary penalty as noted in the monetary penalties general condition. In addition, the Contractor will be responsible for cleaning all storm sewer systems and waterways to their preconstruction condition to the satisfaction of the Engineer. In the event of an illicit discharge, regardless of blame, the Contractor shall concentrate their work efforts on remedying the situation to correct the deficiency.

The work zone shall be maintained in accordance with Section 701 of the Standard Specifications. Negligence by the Contractor to follow these minimum guidelines that result in or cause damage to Village equipment during snow fall removal or any other similar Village operation will be the direct responsibility of the Contractor to repair. The repair will be completed by the Village and the cost of the repair will be deducted off the next pay request due to the Contractor.

All operations by the Contractor such as flushing, dewatering, leaking water trucks or equipment, repairs to broken water services or water main, or similar that cause freezing of water on the pavement or sidewalk shall be maintained by salting, sanding or removal of the condition by the Contractor to the satisfaction of the Engineer.

If items of work have not been provided for in the contract, or otherwise specified for payment, such items, including the accompanying traffic control and protection required by the Engineer, will be paid for in accordance with Article 109.04 of the Standard Specifications.

13. Construction Staging and Maintenance of Base Course

All pavement removal, curb installation, and hot-mix asphalt binder installation shall be completed in accordance with Section(s) 202, 406, 423, 440, and 606 of the Standard Specifications and as specified herein.

Pavement removal and hot-mix asphalt binder course placement shall be staged in a manner to minimize the exposure of vehicular traffic over the existing base course following pavement removal.

No pavement removal operations shall commence if rain is in the forecast within the following five working days. If the Contractor does not follow this requirement, any disking, drying or undercut operations required by the Engineer to provide a sufficient subbase prior to paving shall be completed by the Contractor at no additional cost to the Village.

Roadways excavated to subgrade and/or subbase material shall have the hot-mix asphalt binder course installed within seven (7) calendar days from the first day of pavement removal on that respective street segment.

There shall be no placement of hot-mix asphalt permitted on scheduled days of refuse pickup. The Contractor shall be responsible for determining the current refuse schedule and incorporating it into their progress schedule accordingly.

No resident shall be without driveway access and no sidewalk shall be barricaded or closed for more than seven (7) calendar days unless specifically listed otherwise in the plans or herein.

Prior to driveway access impediment due to proposed curb and gutter or driveway pavement operations, the Contractor shall be required to deliver resident notification letters approved by the Engineer to each respective residence or business owner notifying them of the day and time they will not be able to get in and out of their driveway. After the new concrete curb has set, the Contractor shall install all required forms for installation of the driveway pavement for inspection by the Engineer. The Contractor is required to install curb and driveway pavement within two (2) calendar days of each other. Example: If the curb is poured on Monday the driveways will be required to be poured on the same day after the curb is set or on Tuesday. If the curb in front of the resident is not being replaced the Contractor shall frame and pour the driveway on the same day. The driveways shall be properly barricaded until the concrete is sufficiently cured. If, at the discretion of the Engineer, the driveway requires that the old aggregate base course be removed and replaced, it shall be completed prior to pouring the new concrete combination curb & gutter or not until after it has been allowed to cure for a minimum of three (3) calendar days, or after the concrete has reached 2,500 psi as verified by cylinder breaks. Any additional cylinders cast and testing costs associated with this verification shall be included in the cost of the contract. Proposed portland cement concrete sidewalk shall follow the same timeframe as noted above.

If the Contractor does not install proposed concrete curb and driveway in the time frame specified herein, a monetary penalty of $250 per calendar day will be imposed for each day, and each occurrence the work is not completed.

The Contractor will be required to furnish and install a temporary ramp immediately following pavement removal operations. Each ramp shall be installed the full driveway width of material determined by the Contractor. Each temporary ramp shall be removed prior to paving operations, the respreading of stone on the base or paving over hot-mix asphalt ramps will not be allowed. If the Contractor fails to install or maintain a temporary ramp in a timely manner, a monetary penalty of $250 per calendar day will be imposed.

The Contractor shall make themselves aware of the surroundings and of private property. The Village will not tolerate entering private property or driving equipment/vehicles on a driveway within the public right of way to remain for any reason during construction unless prior approval has been granted by the property Village. The Contractor will incur a monetary penalty of $500 per occurrence as determined by the Engineer for violation of this requirement.

14. Period of Establishment

This work shall include all labor, material, and equipment necessary to furnish and install pulverized topsoil, seed, fertilizer nutrients and Mulch Method 3A in accordance with Sections 211, 250, 251, and 252 of the Standard Specifications and as specified herein.

Pulverized topsoil shall be placed to a maximum depth of four (4) inches and not be placed until the area has been shaped, trimmed, and finished to the lines and grades as directed by the Engineer. All irregularities, depressions, or high points in the surface shall be filled or smoothed out before topsoil is placed. The surface of the topsoil shall be blended to match the existing terrain and adjacent roadway, and be free from clods, stones, sticks, and debris.

The Contractor shall furnish and place the IDOT class of seed specified, and be produced and tested in the current year, be of good quality, and free of weeds. Fertilizer nutrients shall be applied at a 1:1 ratio in accordance with Article 250.04 of the Standard Specifications. Within 24 hours of seed placement, mulch shall be placed by method 3A in accordance with Article 251.03(d) of the Standard Specifications.

It is recommended that the Contractor shall water the area every other day at a rate of three (3) gallons per square yard, however, it is the sole and exclusive responsibility of the Contractor to make required adjustments to the watering rate or schedule.

To be acceptable for final payment, the landscaped areas shall undergo a 30-day period of establishment beginning on the last day that seed is sowed. During this period, the Contractor shall be responsible for, at no additional cost to the Village, watering, removing weeds and maintaining the seeded areas and repairing any damage to the seeded areas due to but not limited to, errant vehicles, severe weather or all other causes. At the end of the 30-day period of establishment, the Village or Engineer will inspect the landscaped area and if deemed unsatisfactory, the Contractor shall be required to provide means and methods necessary to establish a live, healthy turf area. Should the seed not germinate because of prevailing cool weather, the period of establishment may be adjusted as determined by the Engineer. It shall be the sole and exclusive responsibility of the Contractor, not the Engineer, for maintaining and monitoring the landscape restoration during the period of establishment. If the placed landscape restoration has not been approved by the Village or Engineer sixty (60) calendar days following installation, the Contractor will incur a monetary penalty of $250 per calendar day.

Upon project completion and expiration of the second period of establishment noted above any additional failure by the contractor to achieve a healthy growth of vegetation as defined will be considered failure to complete the project on time and the liquidated damages will be applied accordingly.

Planting times shall be April 1 to June 15 and August 1 to November 1.

The Contractor shall provide the Engineer with proper documentation on the landscaping materials supplied to the project such as topsoil source, topsoil certification, fertilizer bags, seed tags, and seed bags.

Upon placement of topsoil, seed, fertilizer nutrients, and mulch, 75 percent of each respective pay item will be paid. Upon final acceptance of the topsoil, seed, fertilizer nutrients, and mulch placed, the remaining 25 percent of each respective pay item will be paid.

The Village may postpone permanent seeding operations if deemed necessary. In such an event, the completion date may be extended accordingly.

15. Protection of Mailboxes

The Contractor shall take all necessary precautions when working near mailboxes within or adjacent to the project limits. If at the Contractors discretion, a mailbox will interfere with construction operations, a temporary mailbox shall be located per the United States Postal Service requirements and the permanent mailbox reinstalled following said operation. At no time shall a resident be without a mailbox or not receive mail due to a mailbox being removed, replaced or damaged. The Contractor shall replace, at no additional cost to the Village, any mailbox or post which has been damaged by the Contractor's operations due to neglect, misconduct or poor workmanship. The cost of all materials required and all labor necessary to comply with the above Provisions will not be paid for separately, but shall be considered as included in the unit prices bid and no additional compensation will be allowed.

The Contractor shall refer to the mailbox installation detail included in appendix A for installation requirements.

The Contractor must maintain access for both residents and mail carriers to all mailboxes throughout the duration of the project.

16. Saw Cutting

The Contractor shall be required to perform a perpendicularly straight joint by full-depth machine sawing of all proposed items to be removed prior to removal operations to prevent damage or spalling to existing hardscape to remain. Simple or partial depth scoring shall not be permitted. Saw cut locations may or may not be shown on the plans, however, shall be required in the field. All sawcut slurry, regardless of the amount, shall be promptly removed to prevent tracking. Any slurry tracked or left on surfaces to remain shall be thoroughly cleaned or replaced, at the direction of the Village or Engineer, by the Contractor at no additional cost to the Village.

The Contractor shall replace, at no additional cost to the Village, any hardscape, outside of the limit of improvements, damaged by the Contractor's operations due to neglect, misconduct, or poor workmanship.

17. Use of Fire Hydrants

The indiscriminate use of fire hydrants is strictly prohibited. The Contractor can obtain non-potable water in bulk at no charge at the Buffalo Grove Public Works Department, 51 Raupp Blvd. The Contractor shall provide a water truck or containment and driver to obtain and

transport the water. All water obtained from the Village shall be used for this project only. If deemed necessary, the Village reserves the right to restrict or refuse the use of Village water. The Contractor will be responsible for executing the required paperwork and follow all requirements of the Village. If it is determined that the Contractor or its subcontractors operate or use a Village fire hydrant, a monetary penalty of $1,000 per occurrence that will be imposed.

18. Existing Hardscape

Any damage to existing hardscape from tracked equipment or due to the Contractor's negligence, workmanship, or neglect shall be replaced at the Contractor's expense. It is recommended rubber tired or rubber tracked equipment is used. Any unwarranted disturbance to the existing hardscape to remain will warrant repairs made joint to joint and in conformance with the bid documents with limits specified in the Maintenance Letter of Credit general condition. The Engineer and Village shall determine the limit of removal and replacement operations, and all work shall be completed to the satisfaction of the Engineer.

19. Tree Protection and Preservation

This work shall consist of pruning existing trees, shrubs, or bushes in accordance with Section 201 of the Standard Specifications, except as modified herein.

Breaking off branches of plant material to remain during clearing or construction operations will not be allowed. Preceding any existing tree pruning or trimming operations, the Contractor shall demonstrate that there is no other practical method to complete the work and request permission from the Engineer. All pruning shall be done according to the current ANSI A300 (Part 1) – Pruning Standard.

All branches and foliage pruned or trimmed shall be disposed of off-site in accordance with Article 202.03 of the Standard Specifications.

All existing trees larger than 6" in diameter and not specifically designated for removal, which are removed or damaged due to the Contractor's neglect, shall be inspected by the Village Forester or his designated representative. For each infraction that causes damage to a tree, a monetary penalty of $1,000 may be imposed and the replacement of the damaged tree required, depending on the extent of injury caused to each tree. No replacement tree shall have a diameter of less than 3" or more than 6", unless authorized by the Village of Buffalo Grove. All new plantings shall be completed in accordance with Section 253 of the Standard Specifications.

20. Indemnification

To the fullest extent permitted by law, the Contractor agrees to defend, pay on behalf of, indemnify, and hold harmless the Village, its elected and appointed officials, agents, employees and volunteers and others working on behalf of the Village against any and all claims, demands, suits or loss, including all costs connected therewith, and for any damages which may be asserted, claimed or recovered against or from the Village, its elected and appointed officials, agents, employees and volunteers and others working on behalf of the Village, by reason of personal injury, including bodily injury and death, and/or property damage, whether damage to property of the Village or of a third party, including loss of use thereof, which arises out of or is in any way connected or associated with the Contract and the Work.

For this project, the Village also hired a Consultant, Gewalt Hamilton Associates. The Contractor shall indemnify the Consultant in the same manner as the Village, as stated above.

21. Insurance Requirements

12.04.080 - Insurance.

A. Required Coverages and Limits. Unless otherwise provided by franchise, license, or similar agreement, each Contractor occupying right-of-way or constructing any facility in the right-of-way shall secure and maintain the following liability insurance policies insuring the Contractor as named insured and naming the Village, and its elected and appointed officers, officials, agents, and employees and Gewalt Hamilton Associates, Inc. and employees as additional insureds on the policies listed in subsection (A)(1) and (A)(2) of this section:

    1. Commercial general liability insurance, including premises-operations, explosion, collapse, and underground hazard (commonly referred to as "X," "C," and "U" coverages) and products-completed operations coverage with limits not less than:

    a. Five million dollars for bodily injury or death to each person,

    b. Five million dollars for property damage resulting from any one accident, and

c. Five million dollars for all other types of liability;

2. Automobile liability for owned, non-owned and hired vehicles with a combined single limit of one million dollars for personal injury and property damage for each accident;

3. Worker's compensation with statutory limits; and

4. Employer's liability insurance with limits of not less than one million dollars per employee and per accident.

If the Contractor is not providing such insurance to protect the contractors and subcontractors performing the work, then such contractors and subcontractors shall comply with this section.

B. Excess or Umbrella Policies. The coverages required by this section may be in any combination of primary, excess, and umbrella policies. Any excess or umbrella policy must provide excess coverage over underlying insurance on a following-form basis such that when any loss covered by the primary policy exceeds the limits under the primary policy, the excess or umbrella policy becomes effective to cover such loss.

C. Copies Required. The Contractor shall provide copies of any of the policies including all endorsements or certificates required by this section to the Village within ten calendar days following receipt of a written request therefor from the Village.

D. Maintenance and Renewal of Required Coverages. The insurance policies required by this section shall contain the following endorsement:

"It is hereby understood and agreed that this policy may not be canceled nor the intention not to renew be stated until thirty (30) calendar days after receipt by the Village, by registered mail or certified mail, return receipt requested, of a written notice addressed to the Village Manager of such intent to cancel or not to renew."

Within ten (10) calendar days after receipt by the Village of said notice, and in no event later than ten (10) calendar days prior to said cancellation, the Contractor shall obtain and furnish to the Village evidence of replacement insurance policies meeting the requirements of this section.

E. Self-Insurance. A Contractor may self-insure all or a portion of the insurance coverage and limit requirements required by subsection A of this section. A Contractor that self-insures is not required, to the extent of such self-insurance, to comply with the requirement for the naming of additional insureds under subsection A of this section, or the requirements of subsections B through D of this section. A Contractor that elects to self-insure shall provide to the Village evidence sufficient to demonstrate its financial ability to self-insure the insurance coverage and limit requirements required under subsection A of this section, such as evidence that the Contractor is a "private self-insurer" under the Workers Compensation Act.

F. Effect of Insurance and Self-Insurance on Contractor's Liability. The legal liability of the Contractor to the Village and any person for any of the matters that are the subject of the insurance policies or self-insurance required by this section shall not be limited by such insurance policies or self-insurance or by the recovery of any amounts thereunder.

G. Insurance Companies. All insurance provided pursuant to this section shall be effected under valid and enforceable policies, issued by insurers legally able to conduct business with the licensee in the State of Illinois. All insurance carriers and surplus line carriers shall be rated "A-" or better and of a class size "X" or higher by A.M. Best Company.

H. Verification of Coverage. Contractor shall furnish the Village with certificates of insurance naming the Village, its officials, agents, employees, and volunteers as additional insured's and with original endorsements, affecting coverage required herein. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements are to be received and approved by the Village before any work commences. The Village reserves the right to request full certified copies of the insurance policies and endorsements.

I. Subcontractors. Contractor shall include all subcontractors as insured's under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverage's for subcontractors shall be subject to all of the requirements stated herein.

J. Assumption of Liability. The contractor assumes liability for all injury to or death of any person or persons including employees of the contractor, any subcontractor, any supplier or any other person and assumes liability for all damage to property sustained by any person or persons occasioned by or in any way arising out of any work performed pursuant to the Contract.

K. Workers' Compensation and Employers' Liability Coverage. The insurer shall agree to waive all rights of subrogation against the Village of Buffalo Grove, its officials, employees, agents and volunteers for losses arising from work performed by Contractor for the municipality.

L. Failure to Comply. In the event the Contractor fails to obtain or maintain any insurance coverage's required under this contract, The Village may purchase such insurance coverage's and charge the expense thereof to the Contractor.

Nothing contained herein is intended to constitute, nor shall it constitute a waiver of the rights, defenses and/or other immunities provided or available to the Village under law including, but not limited to, the Local Governmental and Governmental Employees Tort Immunity Act.

22. Accidents

In the event of any accident of any kind that involves the general public or property of the Village or a third party, the Contractor shall immediately notify the Village by phone as well as provide Notice of the same. The Notice shall include a full accounting of all details of the accident. The Contractor shall furnish the Village with copies of all reports of such accidents at the same time that the reports are forwarded to any other interested parties.

23. No Assignment

If the Contractor sublets or assigns any part of the Work then the Contractor shall not under any circumstances be relieved of its liabilities hereunder. All transactions of the Village shall be with the Contractor. Subcontractors shall be recognized only in the capacity of employees or workmen and shall be subject to the same requirements as to character and competence. The Contractor shall not assign, transfer, convey, sell or otherwise dispose of the whole or any part of this Contract to any person, firm or corporation without written consent of the Village or authorized representative.

24. Default

The following shall constitute a default an "Event of Default" by the Contractor under this Contract:

A. If the Contractor shall fail to strictly observe or perform one or more of the terms, conditions, covenants and agreements of this Contract;

B. If there shall be placed on any property owned by the Village any mechanics', materialmens' or suppliers' lien;

C. If there shall be instituted any proceeding against the Contractor seeking liquidation, dissolution or similar relief and the same shall not be dismissed within forty-five (45) calendar days;

D. If there shall be appointed any trustee, receiver or liquidator of the Contractor and such appointment shall not have been vacated within forty-five (45) calendar days; and

E. If the Contractor fails to maintain or obtain any and all permits, licenses and the like, if any, required by the Village, State or Federal governments for the Work.

Upon any Event of Default the Village shall have the option of (**i**) terminating the Contract; (**ii**) pursuing any remedy available to it at law or in equity; or (**iii**) pursuing both simultaneously. In addition, upon an Event of Default, the Village may withhold payments due to the Contractor until it has hired a replacement of the Contractor and deducted all costs of hiring a replacement.

25. Delays

The Contractor shall not be liable in damages for delays in performance when such delay is the result of fire, flood, strike, acts of God, or by any other circumstances which are beyond the control of the Contractor; provided, however, under such circumstances the Village may, at its option, cancel the Contract.

26. Compliance With Laws

The Contractor shall comply with all applicable laws, regulations and rules promulgated by any federal, state, local, or other governmental authority or regulatory body pertaining to all aspects of the Work, now in effect, or which may become in effect during the performance of the Work. The scope of the laws, regulations, and rules referred to in this paragraph includes, but is in no way limited to, the Illinois Human Rights Act, Illinois Equal Pay Act of 2003, Occupational Safety & Health Act along with the standards and regulations promulgated pursuant thereto (including but not limited to those safety requirements involving work on elevated platforms), all forms of traffic regulations, public utility, Interstate and Intrastate Commerce Commission regulations, Workers' Compensation Laws, Public Construction Bond Act, Public Works Preference Act, Employment of Illinois Workers on Public Works Act, USA Security Act, federal Social Security Act (and any of its titles), and any other law, rule or regulation of the Illinois Department of Labor, Department of Transportation, Illinois Environmental Protection Act, Illinois Department of Natural Resources, Illinois Department of Human Rights, Human Rights Commission, EEOC, and the Village of Buffalo Grove. Notwithstanding the following, the Contractor shall particularly note that:

A. NO DISCRIMINATION – The Contractor shall comply with the provisions of the Illinois Public Works Employment Discrimination Act and the Illinois Human Rights Act/Equal Opportunity Clause which, pursuant to Illinois law, are deemed to be part of this Contract.

B. FREEDOM OF INFORMATION - The Contractor agrees to furnish all documentation related to the Contract, the Work and any documentation related to the Village required under an Illinois Freedom of Information Act (ILCS 140/1 et. seq.) ("FOIA") request within five (5) calendar days after the Village issues Notice of such request to the Contractor. The Contractor agrees to defend, indemnify and hold harmless the Village, and agrees to pay all reasonable costs connected therewith (including, but not limited to attorney's and witness fees, filing fees and any other expenses) for the Village to defend any and all causes, actions, causes of action, disputes, prosecutions, or conflicts arising from Contractor's actual or alleged violation of FOIA or the Contractor's failure to furnish all documentation related to a FOIA request within five (5) calendar days after Notice from the Village for the same. Furthermore, should the Contractor request that the Village utilize a lawful exemption under FOIA in relation to any FOIA request thereby denying that request, Contractor agrees to pay all costs connected therewith (such as attorneys' and witness fees, filing fees and any other expenses) to defend the denial of the request. This defense shall include, but not be limited to, any challenged or appealed denials of FOIA requests to either the Illinois Attorney General or a court of competent jurisdiction.

C. ILLINOIS WORKERS ON PUBLIC WORKS ACT - To the extent applicable, the Contractor shall comply with the Illinois Workers on Public Works Act, 30 ILCS 570/1 et seq., and shall provide to the Village any supporting documentation necessary to show such compliance.

D. NOT A BLOCKED PERSON - The Contractor affirms and covenants that neither the Contractor nor any individual employed by the Contractor for this Work or under this Contract is a person forbidden from doing business with a unit of local government under Executive Order No. 13224 (Sept 23, 2001), 66 Fed.Reg. 49,079 (Sept 23, 2001) or is a person registered on the Specially Designated Nationals and Blocked Persons List. The Contractor shall indemnify the Village from all costs associated with failure to comply with this paragraph.

E. SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS ACT - The Contractor knows, understands and acknowledges its obligations under the Substance Abuse Prevention on Public Works Act (820 ILCS 265/1 et seq.), and shall comply and require all subcontractors and lower tiered contractors to comply with the requirements and provisions thereof.

27. No Waiver of Rights

A waiver by the Village of any Event of Default or any term of provision of this Contract shall not be a waiver of the same Event of Default, another Event of Default or any other term or provision of this Contract.

28. Termination of the Contract

Voluntary Termination. Notwithstanding any other provision hereof, the Village may terminate this Contract during the Initial Term with or without cause, at any time upon thirty (30) calendar days prior written notice to the Contractor.

Termination for Breach. Either party may terminate this Contract upon written notice to the other party following material breach of a material provision of this Contract by the other party if the breaching party does not cure such breach within fifteen (15) calendar days of receipt of written notice of such breach from the non-breaching party.

29. Controlling Law and Venue

This Contract is entered into in the State of Illinois, for work to be performed in the State of Illinois and shall be governed by and construed in accordance with the laws of the State of Illinois. Any legal matters or dispute shall be resolved in the Circuit Court of Cook County and the Parties hereby submit to the jurisdiction of such Circuit Court. This Contract shall be construed without regard to any presumption or other rule requiring construction against the Party causing the Contract to be drafted.

30. Miscellaneous

A. AMENDMENT – This Contract may be amended only in writing executed by both Parties.

B. NO RECORDING – This Contract, or a memorandum thereof, may not be recorded in any form by either Party. If either Party records this Contract, or a memorandum thereof, they shall immediately file a release of the same.

C. SECTION HEADINGS – The headings in the Contract are intended for convenience only and shall not be taken into consideration in any construction or interpretation of the Contract.

D. NO THIRD PARTY BENEFICIARIES – This Contract does not confer any rights or benefits on any third party.

E. BINDING EFFECT – This Contract shall be binding and inure to the benefit of the Parties hereto, their respective legal representatives, heirs and successors-in-interest.

F. ENTIRE AGREEMENT – This Contract supersedes all prior agreements and understandings and constitutes the entire understanding between the Parties relating to the subject matter hereof.

G. SEVERABILITY - If any term, condition or provision of the Contract is adjudicated invalid or unenforceable, the remainder of the Contract shall not be affected and shall remain in full force and effect, to the fullest extent permitted by law.

H. TORT IMMUNITY DEFENSES - Nothing contained in this Contract is intended to constitute nor shall constitute a waiver of the rights, defenses, and immunities provided or available to the Village under the Local Governmental and Governmental Employees Tort Immunity Act, 745 ILCS 10 *et seq*.

31. Certified Payroll Reports

The Village of Buffalo Grove requests that the Contractor submit all certified payroll reports, including subcontractors, and EEO reporting be sent electronically in separate files for each respective Contractor/subcontractor with the weeks ending date in the file name to kjohnson@vbg.org (i.e. Contractor Name_Week Ending.pdf) as shown in the sample letter in Appendix A.

The Contractor is responsible for providing all records in accordance with the Illinois Department of Labor's (IDOL) requirements pertaining to the Prevailing Wage Act on the standard IDOL form. Only the last four (4) digits of the employee's social security number will be required; the remaining digits shall be "X" or redacted. To complete the certified payroll request for release of payment, the Contractor must supply a signed and notarized written statement that all necessary documentation has been turned over for the pay period pertaining to that payment requested.

Under P.A. 98-0328, the public body must retain copies of the certified payroll for 5 years rather than 3 years as was the case previously. The Illinois Department of Labor (IDOL) has created model certified payroll forms which can be found at the IDOL website www.illinois.gov/idol. the new form consists of three pages identified as the "certified transcript of payroll affidavit" and "certified transcript of payroll instructions". The new forms on the IDOL website can be filled in online and then printed out. under P.A. 98-0482, contractors and subcontractors will have to provide additional information with respect to working hours, wage rates, overtime rates and fringe benefits. The IDOL's model certified payroll forms are the most current forms for compliance with P.A. 98-0482 and should be used in public works contracts.

32. Monetary Penalties

All work shall be completed in accordance with the Contract Documents in a reasonable and timely manner. For each occurrence that work is not completed in a reasonable and timely manner, a monetary penalty will be deducted from the final pay application. The Contractor shall make themselves and all subcontractors aware of the following deficiency and deductions:

Description	Penalty	Per Occurrence
Failure to Sweep Roadway	$250	Calendar Day
Failure to Maintain Trench	$250	Calendar Day
Failure to Adhere to Period of Establishment Requirements	$250	Calendar Day
Distributing Unapproved Resident Notices	$100	Household
Failure to Distribute Notices in a Timely Manner	$100	Household
Failure to Distribute Notice to Resident	$100	Household
Failure to Provide Access in a Timely Manner	$250	Household Per Day
Failure to Provide Weekly Update to Engineer/Maintain Schedule	$1,000	Per Occurrence
Failure to Attend a Scheduled Weekly Meeting	$1,000	Per Occurrence
Failure to Respond in a Timely Manner to a Resident	$250	Calendar Day
Failure to Ramp Roadway or Driveway	$250	Household/Roadway Per Day
Use of Fire Hydrant or Valve	$1,000	Each
Failure to Provide Maintenance of Roadway in a Timely Manner as Determined by the Engineer	$1,000	Calendar Day
Entering Private Property	$500	Per Occurrence
Failure to Provide Portable Facilities	$100	Calendar Day
Illicit Discharge of Silt or Construction Debris	$1,000	Per Occurrence
Failure to Submit Shop Drawings on Time	$500	Per Occurrence
Failure to Maintain Erosion and/or Sediment Control Devices	$1,000	Per Occurrence
Working Outside Allowable Work Hours	$1,000	Per Occurrence

At the discretion of the Engineer and without notice, the Contractor shall have deducted the monetary penalty amount as listed above for each occurrence on the final pay application.

33. Weekly Progress Meeting and Schedule Updates

The Contractor will be required to provide weekly schedule updates with the anticipated schedule for the following week by 3:00PM every Thursday starting ten (10) calendar days after contract execution and continuing until the project is formally accepted by the Village. The Contractor will be required to submit an initial weekly schedule update with the anticipated schedule the Thursday prior to construction commencement; if the Contractor fails to submit this initial notice, no work shall be permitted to begin. The weekly progress update shall be emailed to the Resident Engineer and Village project representative. The Contractor shall make every effort to maintain the schedule within one (1) calendar day of delay, excluding weather or unforeseen circumstances. Failure to maintain the schedule may result in a monetary penalty of $1,000 per calendar day if it is determined that substantial effort to maintain the schedule is not made.

If, at the discretion of the Village or Engineer, a mandatory weekly progress meeting may be scheduled to coordinate anticipated work. This meeting will be held on Thursday following receipt of the weekly progress update. If the Contractor fails to attend a mandatory weekly meeting requested by the Village or Engineer a monetary penalty of $1,000 per occurrence will be imposed.

34. Public Notification

The Contractor shall be required to provide and distribute letters to residents or business owners anytime access will be affected to a home or utility service is interrupted. Letters shall be typed on standard 8.5" x 11" paper and an envelope may or may not be used. All letters, including those written and distributed by a subcontractor, shall be printed on the General Contractor's letterhead and shall include the name, address, and telephone number of the General Contractor's person in charge.

Letters shall be taped to a non-painted surface using painters tape or approved equal, and will be placed in as many locations as needed to ensure they will be visible to residents. Distributing letters via mailbox is discouraged, however, must be compliant with all United States Postal Service federal regulations. Notification letters shall include, but is not limited to, the following information:

- Exact day and time work is to begin that will affect access (weather permitting).
- How the resident will know they may resume normal access to their property.
- The anticipated length of the closure (no more than one week will be permitted).
- Specific location where parking is permitted, both overnight and during the working day (as signed and normally permitted during daytime).
- The Village of Buffalo Grove Police Department has been notified that overnight parking will be permitted. (It shall be the responsibility of the Contractor to confirm this with the Village.)
- The Contractor will go door-to-door the moment prior to work is to begin to ensure all accommodations are made.
- General Contractor's person in charge name and contact information for additional information or specific requests.
- If applicable, provide Resident flushing procedures (following reconnection of the water service, resident to flush inside of the house via the bath or utility sink for ten minutes prior to consumption).

Notification letters shall be distributed a minimum of 24 hours prior to access being affected or otherwise. If this requirements is not met, work shall not commence. All letters must be approved by the Village or Engineer prior to and for each individual distribution. Additional letters may be required when weather or other unforeseen circumstances change the schedule. When requested, the Contractor is required to return or provide correspondence from a resident within 24 hours.

Under special circumstances, the Village, may choose to write a notification letter and the Contractor shall still be responsible for delivering the letter as specified herein. An example of a resident notification letter can be found in Appendix A.

The Contractor must comply with all of the above-mentioned statements otherwise a monetary penalty of $100 per household, per calendar day shall be imposed.

35. Maintenance Letter of Credit

The Contractor will be required to post a Letter of Credit for a period of One Year (1-yr) from date of final acceptance by the Village. Final acceptance will be the date the Final Payment is made to the Contractor. The Letter of Credit shall be in a form acceptable to the Village in the amount of 10% (ten percent) of the awarded contract value. Unless under emergency situations the Village will offer the Contractor the ability to fix or repair any item prior to drawing from the Letter of Credit. If the Contractor elects to perform the repairs themselves all work must be complete within 14 calendar days of notice from the Village or the Village reserves the right to perform the repairs themselves.

The Letter of Credit shall cover all necessary repairs or replacements as deemed necessary by the Village due to poor workmanship, failed materials, any settlement, excessively spalled, chert popped or cracked concrete, storm, sanitary and water main failures, restoration establishment, and other items as completed by the Contractor under the Contract.

All required pavement repairs shall be from curb line to the nearest cold joint. Pavement repairs shall have all joints routed and filled with crack seal material including along the edge of pavement 30 calendar days after installation.

If the Contractor elects to not perform the repairs or does not perform them in the time allotted the Village will perform the work and collect from the Letter of Credit any damages incurred by the Village to perform the repairs.

36. Water and Sewer Services

The Village of Buffalo Grove will not locate private water and sewer service lines as part of the JULIE notification system. The property owner is the owner of these services from the building to the main and are exempt from the JULIE system.

The Contractor is fully responsible for protecting all utilities near or in their excavation area and shall make themselves fully aware of the exact location of each utility; marked or not marked. The Contractor may elect to locate any and all utilities marked or unmarked, at their expense. Repeated damage to service lines will need to be repaired from the main to the right-of-way as directed by the Engineer. The Contractor shall be responsible for repairs to all damaged utilities incurred as determined by the Village and/or Engineer.

All repairs to damaged water and sewer service lines shall be completed with material equal to, including size, of the existing service. Connections of dissimilar materials shall be made with stainless steel non-shear mission couplings or appropriate flare couplings for water services. All fittings for copper water service lines shall be of the "flare" type regardless of temporary or permanent use. Any damage to existing water service lines during construction shall be repaired with the existing main under pressure. The Contractor shall have a crimping tool and e-z out or freeze kit on-site to make repairs as required. Repair of service lines in this manner shall only be performed on lines that will be abandoned as part of this project, if applicable.

The Contractor shall refer to the Village of Buffalo Grove Materials List in Appendix A for all material requirements. This work shall not be paid for separately and no additional cost incurred will be the responsibility of the Village.

37. Earth Excavation

All earth excavation required to complete this project to the proposed lines, grades, and cross sections shall be in accordance with Section 202 of the Standard Specifications. Earth excavation will not be paid for separately but shall be included in the cost of the item requiring the excavation. All surplus excavated material shall be disposed of off-site in accordance with Article 202.03 of the Standard Specifications.

38. Retainage and Waivers

The Village of Buffalo Grove has the option to retain from the amount due to the Contractor a maximum of (ten) 10% from each pay request. The Contractor may request the retainage be reduced and provide reasoning for such reduction in writing to the Village. The Village has the option to accept or deny the request and shall be considered final. The retainage may be held until the Village determines the project to be final and accepted, at which time any warranty or maintenance period shall begin.

The Contractor shall submit, for each pay request submittal, original partial or final waivers from all subcontractors and material suppliers for the work payment is requested from the Village; trailing waivers will not be permitted. The Village will not remit payment to the Contractor until all waivers for the work the Contractor is requesting payment for are received and reviewed. To help expedite the process, the Village is willing to review draft waivers after the invoice has been submitted for the pay request. When the draft waivers are reviewed and found acceptable, and the check is cut according to the Village's Warrant schedule, then the check and final waivers can be exchanged.

39. Final Site Inspection

After the Contractor has submitted the notice of final completion to the Village, the Contractor shall schedule a final site inspection with the Engineer. The Contractor shall provide a laborer or Contractor's representative for the final inspection that will be responsible for the following:

1. Open and inspect all existing and newly installed storm structures, sanitary structures, and valve vaults.
2. Key all hydrant auxiliary boxes and operate the valve.
3. Key all b-box's and operate the valve.
4. Key all valves and operate the valve.
5. Review general site cleanliness and condition of landscaping, curb, sidewalk, pavement, etc.

Upon completion of the final site inspection, the Engineer will provide the Contractor a list of any deficiencies documented. The Contractor will have fourteen (14) calendar days to correct any deficiencies following the scheduled final inspection and punch list submittal by the Engineer.

40. Permits and Licenses

The Contractor shall procure all permits and licenses, pay all charges and fees, and give all notices necessary and incident to the due and lawful prosecution of the work in accordance with Article 107.04 of the Standard Specifications. No work shall be performed until all applicable permit requirements are fulfilled.

The following permits shall be applicable to this Contract:

- Illinois Department of Transportation – Dundee Road and Saxon Ct (Highway bond amount is not yet known)
- Lake County Division of Transportation – Buffalo Grove Road *(No Contractor Performance Guaranty shall be required.)*

- Illinois Environmental Protection Agency – Division of Water Pollution Control (SWPPP)
- Illinois Environmental Protection Agency – Division of Public Water Supplies

41. Red Line As-Builts

This work shall consist of supplying red line as-builts of the installed utility improvements including but not limited to rim, inverts, top of pipe elevations, service locations, vertical offsets, underdrain installations, and other underground utilities.

The as-builts shall have red marks and installed elevations wherever on the engineering drawings a proposed grade, structure, invert or any other proposed item is shown. All elevations shall be recorded on the NAVD 88 datum, consistent with the plans. The as-builts shall be submitted to the Village in red marked PDF file on the issued for construction drawings.

As-builts with insufficient recorded information will be rejected. As-builts must be turned in with the Contractors notice of completion. Failure to submit as-builts with the notice of completion will begin to trigger liquidated damages after the project completion date or when working days have been exhausted. This work shall not be paid for separately but shall be considered included in the cost of the Contract.

Special Provisions

1. Trench Backfill, Coarse Aggregate, CA11 (Special)

This item shall include all labor, material, and equipment necessary to furnish and place coarse aggregate trench backfill material in accordance with Section 208 and 1004 of the Standard Specifications and as specified herein.

The material used for this item shall be exclusively IDOT certified Class B coarse aggregate material meeting the gradation of CA-11 in accordance with Section 1004 of the Standard Specifications. All aggregate must be crushed, rounded aggregate will not be permitted. The backfill material shall be compacted to 95% modified proctor density as required by ASTM D1557 or AASHTO T-180.

The material for the final course of aggregate (14" from the finish pavement elevation) shall be Aggregate Base Course, Type B. This final course of material will be measured and paid for as AGGREGATE BASE COURSE, TYPE B (SPECIAL) as described herein and may be repurposed for all other work requiring this type of material except it will be paid for only once. No additional payment will be considered for relocating or removing this material after initial placement.

This work will be measured in place and paid for at the contract unit price per cubic yard (CY) for TRENCH BACKFILL, COARSE AGGREGATE, CA11 (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

2. General Landscape Restoration (Special)

This work shall include all labor, material, and equipment necessary to furnish, place, and maintain pulverized topsoil, seed, fertilizer nutrients, and erosion control blanket in accordance with Section(s) 211, 250, and 251 of the Standard Specifications and as specified herein.

Pulverized topsoil shall be placed to a maximum depth of four (4) inches and not be placed until the area has been shaped, trimmed, and finished to the lines and grades as directed by the Engineer. All irregularities, depressions, or high points in the surface shall be filled or smoothed out before topsoil is placed. The surface of the topsoil shall be blended to match the existing terrain and adjacent hardscape, and be free from clods, stones, sticks, and debris.

The Contractor shall furnish and place IDOT Class 1A salt tolerant lawn mixture, produced and tested in the current year, be of good quality, and free of weeds. Nitrogen and potassium fertilizer nutrients shall be applied at a 1:1 ratio in accordance with Article 250.04 of the Standard Specifications (phosphorus is not permitted). Within 24 hours of seed placement, erosion control blanket shall be installed in accordance with Article 251.04 of the Standard Specifications.

It is recommended that the Contractor water the area every other day at a rate of three (3) gallons per square yard, however, it is the sole and exclusive responsibility of the Contractor to make required adjustments to the watering rate or schedule.

To be acceptable for final payment, the landscaped areas shall undergo a 30-day period of establishment beginning on the last day that seed is sowed. During this period, the Contractor shall be responsible for, at no additional cost to the Village, watering, removing weeds and maintaining the seeded areas and repairing any damage to the seeded areas due to but not limited to, errant vehicles, severe weather or all other causes. At the end of the 30-day period of establishment, the Owner or Engineer will inspect the landscaped area and if deemed unsatisfactory, the Contractor shall be required to provide means and methods necessary to establish a live, healthy turf area. Should the seed not germinate because of prevailing cool weather, the period of establishment may be adjusted as determined by the Engineer. It shall be the sole and exclusive responsibility of the Contractor, not the Engineer, for maintaining and monitoring the landscape restoration during the period of establishment. If the placed landscape restoration has not been approved by the Owner or Engineer sixty (60) calendar days following installation, the Contractor will incur a monetary penalty of $250 per calendar day.

Planting times shall be April 1 to June 15 and August 1 to November 1 in accordance with Article 250.07 of the Standard Specifications.

The Contractor shall provide the Engineer with proper documentation on the landscaping materials supplied to the project such as topsoil source, topsoil certification, fertilizer bags, seed tags, and seed bags.

Upon placement of topsoil, seed, fertilizer nutrients, and mulch, 75 percent of each respective pay item will be paid. Upon final acceptance of the topsoil, seed, fertilizer nutrients, and mulch placed, the remaining 25 percent of each respective pay item will be paid.

The Village may postpone permanent seeding operations if deemed necessary. In such an event, the completion date may be extended accordingly.

This work will be measured in place and paid for at the contract unit price per square yard (SY) for GENERAL LANDSCAPE RESTORATION (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

3. Temporary Landscape Restoration

This work shall include all labor, material, and equipment necessary to furnish, install, maintain, and remove temporary landscape restoration in accordance with Section(s) 211, 250, and 251 of the Standard Specifications and as specified herein.

Any restoration work completed outside of the planting times as defined by Article 250.07 of the Standard Specifications will be considered temporary and will be paid for separately.

At the direction of the Engineer, the Contractor will be required to mow the temporary grass as part of the temporary landscape work and it is anticipated that the Contractor will be required to mow every two (2) weeks. The Contractor will have 48-hours following written notice by the Engineer to complete mowing operations as requested. Failure to mow when requested will result in a monetary penalty of $1,000 per day until the mowing has been completed.

This work will be measured in place and paid for at the contract unit price per square yard (SY) for TEMPORARY EROSION CONTROL SEEDING, (TEMPORARY) MULCH METHOD 3A, and per each (EA) for MOWING, which shall include all labor, material, and equipment required to complete the work as specified herein.

4. Aggregate Base Course, Type B Varies (Special)

This work shall include all labor, material, and equipment necessary to furnish and place aggregate base courses on a prepared subgrade or subbase in accordance with Section(s) 311 and 351 of the Standard Specifications and as specified herein.

This work includes all new aggregate base course material for proposed roadway base course, aggregate base repair, front fill for new concrete curb and gutter, temporary aggregate, capping stone in trenches and subbase granular material for sidewalk and driveway pavement, at the depths specified on the Engineering plans.

The material used for this item shall be exclusively IDOT certified Class B course aggregate material meeting the gradation of CA-6 in accordance with Section 1004 of the Standard Specifications. Mixing of aggregate from multiple sources is strictly prohibited. If it is determined that a different source is required for any reason, the new material must be approved by the Engineer prior to delivery or placement, and shall occur roadway to roadway. Crushed concrete may not be used for roadway base course or aggregate base repair. At the direction of the Engineer, crushed concrete may be used as for driveway and sidewalk subbase granular material but shall be an IDOT approved material.

All aggregate shall be compacted to 95% modified proctor density conforming to ASTM D-1557 or AASHTO T-180.

This work will be measured in place and paid for at the contract unit price per ton (TN) for AGGREGATE BASE COURSE, TYPE B VARIES (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

5. Hot-Mix Asphalt Leveling Binder, Binder Course, and Surface Course (Special)

This work shall include all labor, material, and equipment necessary to furnish and place hot-mix asphalt, of the type specified, in accordance with Section 406 of the Standard Specifications and as specified herein.

The type of mix specified is commonly known as ‘MURPHY MIX’.

Hot-Mix Asphalt Mixtures: The Contractor shall submit mix designs, for approval, for each required mixture, at least one week in advance of scheduled placement.

Surface: N-50 Hot Mix Asphalt 9.5-mm Surface Course Mix "C or D" and Leveling Binder.
The AJMF during production shall have a minimum of 40% passing on the #8 sieve and still meet IDOT volumetric requirements.

Binder: N-50 Hot-Mix Asphalt 19.0-mm Binder Course Mix 'B'.
The AJMF during production shall have a minimum of 40% passing on the #4 sieve and still meet IDOT volumetric requirements.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS:

Item	AC Type Overlay	AC Type Full Depth	Air Voids
Hot-Mix Asphalt Surface Course, Mix "C/D", N50	PG 58-22 / 58-28*	PG 58-28 / 46-34*	3.5% @ 50 GYR
Leveling Binder (Machine Method), N50	PG 58-22 / 58-28*	PG 58-28 / 46-34*	3.5% @ 50 GYR
Hot-Mix / Asphalt Binder Course, IL-19, N50	PG 58-22 / 58-28*	PG 58-28 / 46-34* PG 58-28 when below 4" in depth	3.5% @ 50 GYR

1. All production shall trend about 3.5% Air Voids.
2. Re-proportioning (within SSRBC adjustments allowed) of IDOT verified mix designs may be allowed and the Contractor must submit these values for a review by the Engineer at least one week prior to the first day of production.
3. One field TSR test by the Contractor will be required to validate changes.
4. The AJMF submitted and during production shall meet remaining IDOT volumetric requirements.
5. When Asphalt Binder Replacement (ABR) exceeds 15%, the new asphalt binder in the mix shall be changed as noted above. No more than 30% ABR and no more than 2.0% Reclaimed Asphalt Shingles (RAS) shall be allowed in the asphalt.

Hot Mix Asphalt Construction

1. Tack coat all longitudinal joints (hot and cold) and curb faces.
2. Pneumatic tired roller is required on all lifts, all mixes, except surface courses.
3. Auger extensions are required on all lifts, all mixes.
4. Reverse augers must be installed properly.
5. Roll (compact) the confined and curb line longitudinal joint by overlapping by 6" from the hot to cold side of mat and / or curbing.
6. Paving of the full roadway width shall be completed at the end of each day. Longitudinal joints shall be closed daily and within one truck load of HMA to prevent cold joints. Any violation shall require saw cutting edge back 3" to expose straight edge, shall be tack coated twice, and will be straight and uniform.
7. The Village may consider allowing a full road closure with detours at the Contractors request in order to allow for full width surface paving to facilitate this requirement on 24' wide roads. However, detour and/or additional traffic control devises will be at Contractors expense.
8. Asphalt along the curb line shall be compacted such that the asphalt is ¼" above the flag of gutter.
9. Temporary ramps, regardless of material, shall be removed prior to placement of the next pavement course.
10. Any compromises of 16' ski or ¼" gutter flag exposure shall be brought to the engineers attention and discussed. Failure to do so may result in repairs at the Contractors expense.

This work will be measured in place and paid for at the contract unit price per ton (TN) for POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, (SPECIAL), HOT-MIX ASPHALT BINDER COURSE (SPECIAL), and HOT-MIX ASPHALT SURFACE COURSE (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

6. Portland Cement Concrete Base Course Widening

This work shall include all labor, material, and equipment necessary to construct portland cement concrete base course widening, of the depth specified, as marked by the Engineer in accordance with Section 354 of the Standard Specifications and as specified herein.

This item shall be used to front-fill new curb and gutter where the existing pavement is to remain or where there is proposed resurfacing. The concrete shall be placed on a prepared subgrade according to Article 420.04 and shall be twelve (12) inches in width from the edge of pavement in accordance with the applicable detail herein. The Contractor shall not be permitted to complete this work in conjunction with the placement of new concrete curb and gutter; base course widening and front-filling of the curb shall be a second pour.

The material used for this item shall be exclusively portland cement concrete in accordance with Section 1020 of the Standard Specifications.

This work will be measured in place and paid for at the contract unit price per square yard (SY) for PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, of the depth specified, which shall include all labor, material, and equipment required to complete the work as specified herein.

7. Detectable Warnings

This work shall include all labor, material, and equipment necessary to furnish and place detectable warning plates at locations shown on the Engineering plans in accordance with Section 424 of the Standard Specifications and as specified herein.

The detectable warning plates shall be produced and supplied by one of the following manufacturers:

Neenah Foundry Co.
2121 Brooks Avenue
Neenah, WI 54956
Phone: (920) 725-7000
www.nfco.com

East Jordan Iron Works
310 Garnet Drive
New Lenox, IL 60451
Phone: (815) 740-1640
www.ejco.com/am/en

The color of the detectable warning plates shall be federal #22144. The detectable warning plates that are to be furnished by the Contractor shall be those that the Village does not have, including, but not limited to, 24"x36" and specific radii detectable warning plates.

The Contractor shall order the detectable warning plates within two weeks following the pre-construction meeting. Any delays to the project caused by backordered materials will not constitute an extension of the project completion date or out of sequence construction operations.

Cutting of the detectable warning plates will only be allowed in accordance with the manufacturer's recommendation. Radius plates shall be used as deemed necessary by the Engineer and as shown on the Engineering plans. Quick Connect Plates and Bolted Plates are both acceptable.

This work will be measured in place and paid for at the contract unit price per square foot (SF) for DETECTABLE WARNINGS, which shall include all labor, material, and equipment required to complete the work as specified herein.

8. Detectable Warnings (Furnished by Others)

This work shall include all labor, material, and equipment necessary to place detectable warning plates, furnished by the Village, at locations shown on the Engineering plans in accordance with Section 424 of the Standard Specifications and as specified herein.

The Village of Buffalo Grove will furnish 24"x24" detectable warning plates. The Contractor shall coordinate the retrieval of materials from the Department of Public Works (51 Raupp Blvd, Buffalo Grove, IL) from 7:00 AM to 3:00 PM, a minimum of 48 hours in advance of when the plates will be needed.

Cutting the panels will only be allowed on the ends of each detectable plate but must be cut in a neat and workman like manner per the manufacturers requirements. The cutting of two panels to develop a radius will not be permitted.

This work will be measured in place and paid for at the contract unit price per square foot (SF) for DETECTABLE WARNINGS (FURNISHED BY OTHERS), which shall include all labor, material, and equipment required to complete the work as specified herein.

9. Pavement Removal

This work shall include all labor, material, and equipment necessary to completely remove the existing pavement as marked by the Engineer in accordance with Section 440 of the Standard Specifications.

Pavement removal shall be defined as asphalt or concrete pavement including asphalt or concrete base course, overlays, pozzolanic material, and aggregate or stabilized subbase material to the depth specified in the contract documents.

This work will be measured in place and paid for at the contract unit price per square yard (SY) for PAVEMENT REMOVAL, which shall include all labor, material, and equipment required to complete the work as specified herein.

10. Driveway Pavement Removal

This work shall include all labor, material, and equipment necessary to remove existing driveway pavement as marked by the Engineer in accordance with Section 440 of the Standard Specifications and as specified herein.

Driveway material type may include, but is not limited to, aggregate of various gradation, portland cement concrete and hot-mix asphalt pavements. The Contractor shall form a perpendicularly straight joint by full-depth machine sawing at the proposed limit of improvements to prevent surface spalling. The Contractor shall immediately replace, at no additional cost to the Village, any driveway pavement, outside of the limit of improvements or adjacent panels, damaged by the Contractor's operations due to neglect, misconduct or poor workmanship.

The limit of improvements for portland cement concrete driveway pavement shall follow an existing perpendicular joint pattern or as determined by the Engineer.

This work will be measured in place and paid for at the contract unit price per square yard (SY) for DRIVEWAY PAVEMENT REMOVAL, which shall include all labor, material, and equipment required to complete the work as specified herein.

11. Water Main

This item shall include all labor, material, and equipment necessary to furnish and construct ductile iron water main, of the diameter specified in accordance with Section 561 of the Standard Specifications, Section 41 of the Standard Specifications for Water and Sewer Construction in Illinois and as specified herein.

Water Main:

All water main bolts and nuts for all MJ connections, hydrants, valves, and other appurtenances shall have bolts manufactured with A304 stainless steel and all nuts and washers shall be manufactured with series 300 stainless steel.

All bends, fittings and accessories required for installation of the water main as specified and shown on the plans shall be included in the cost of water main.

Open Cut Installation:

The requirements of Section 40-2.01 of the Standard Specifications for Water and Sewer Construction in Illinois are modified as follows: Water Main shall be cement lined ductile iron pipe with "push on" single gasket joints and shall be thickness class 52. The pipe shall conform to ANSI A-21 .51 and ANSI A-21.4, and AWWA C104 with joints meeting ANSI A-21.11. Fittings shall be ductile iron, 250 psi pressure rating, cement lined, with restrained push-on joints and shall meet ANSI A-21.10.

Mega-Lug retainer glands shall be required at all connections of ductile iron water main with bends, tees, crosses, reducers and other fittings.

No deflection of pipe will be allowed unless specified on the plans or approved in writing by the Engineer

Vertical offsets shown on the plans will not be paid for separately but shall be included in the linear foot price of the water main.

All joints within the IDOT Right of Way shall be restrained type.

All testing and chlorination shall conform to Sections 41-2.12 and 41-2.13 of the Standard Specifications for Water and Sewer Construction in Illinois AWWA C651-14 and the requirements of the Municipality.

Water mains and water services within 3' of the water main shall be polyethylene encased as described in ANSI/AWWA C105.A21.5 and ANSI/AWWA C600. The polyethylene wrap shall be installed as shown by the Ductile Iron Pipe Research Association publication "Polyethylene Encasement Installation Guide".

Pressure and Leakage Testing of Water Mains

Pressure testing of the water mains shall be in accordance with Section 41-2.12 of the Standard Specifications for Water and Sewer Construction in Illinois and as specified herein. Water main shall be subjected to a minimum hydrostatic pressure test of 150 pounds per square inch (psi) for a period of not less than two (2) hours. The maximum allowable leakage will be that stated in section 41-2.14C the Standard Specifications for Water and Sewer Construction in Illinois. In addition, the hydrostatic pressure shall not drop more than five (5) psi during the test.

D. Chlorination of Water Mains

Disinfection of water mains shall be performed according to AWWA C651-14 and section 41-2.15 of the Standard Specifications for Water and Sewer Construction in Illinois. Where conflicts between the above requirements exist, the more restrictive requirement shall govern or as approved by the Engineer

Chlorine shall be applied by the use of (1) liquid chlorine only. All work as listed shall be included with this pay item.

This work will be measured in place and paid for at the contract unit price per foot (FT) for WATER MAIN, of the diameter specified, which shall include all labor, material, and equipment required to complete the work as specified herein.

12. Water Main (Directional Drilled)

This work shall include all labor, material, and equipment necessary to furnish and construct water main by directional drill methods, of the diameter specified, in accordance with Section 561 of the Standard Specifications, Section 41 of the Standard Specifications for Water and Sewer Construction in Illinois and as specified herein.

Prior to the commencement of directionally drilling operations, the Contractor shall request approval of the proposed bore and receiving pit locations. The locations shown on the Engineering plans are approximate and may require revision.

All work in this section shall be completed in accordance with the manufacturer's specifications and instructions, applicable AWWA standards and the Standard Specifications for Water & Sewer Construction in Illinois. Ductile iron pipe installed via horizontal directional drilling shall be American Flex Ring Joint Pipe or approved equal.

Water mains installed via directional drilling methods shall be polyethylene encased as described in ANSI/AWWA C105.A21.5 and ANSI/AWWA C600. The polyethylene wrap shall be installed as shown by the Ductile Iron Pipe Research Association publication "Polyethylene Encasement Installation Guide".

SUBMITTALS:

WORK PLAN: Prior to beginning work, the Contractor must submit to the Engineer a work plan detailing the procedure and schedule to be used to execute the project. The work plan should include a description of all equipment to be used, down-hole tools, a list of subcontractors, a schedule of work activity, a safety plan, an environmental protection plan and contingency plans for possible problems. Work plan should be comprehensive, realistic and based on actual working conditions for this project. Plan should document the thoughtful planning required to successfully complete the project.

EQUIPMENT: Contractor will submit specifications on directional drilling equipment. Equipment shall include but not be limited to: drilling rig, mud system, mud motors (if applicable), down-hole tools, guidance system, rig safety systems. Calibration records for guidance equipment shall be included. Specifications for any drilling fluid additives that Contractor intends to use or might use will be submitted.

MATERIAL: Specifications on material to be used shall be submitted to Engineer. Material shall include the pipe, fittings and any

other item which is to be an installed component of the project.

PERSONNEL REQUIREMENTS:

All personnel shall be fully trained in their respective duties as part of the directional drilling crew and in safety. Each person must have at least three (3) years directional drilling experience. A responsible representative who is thoroughly familiar with the equipment and type of work to be performed, must be in direct charge and control of the operation always. In all cases, the supervisor must be continually present at the job site during the actual Directional Bore operation. The Contractor shall have a sufficient number of competent workers on the job at all times to insure the Directional Bore is made in a timely and satisfactory manner.

DRILL PATH SURVEY AND POTHOLING:

The contractor shall provide for "potholing" or excavation, where required, to locate existing service lines and utilities prior to installing water main through that segment. All such exploratory excavations shall utilize a vacuum truck to minimize disturbance to the surface and the existing utilities. The Contractor shall properly dispose of all material removed shall be disposed of off-site. All potholing or exploratory excavation sites must be properly protected with barricades and/or caution fencing immediately following these activities. When paralleling other utilities within five (5) feet, potholing may be required along the utility every twenty-five (25) feet. The entire drill path shall be accurately surveyed with entry and exit stakes placed in the appropriate locations within the areas indicated on drawings. If contractor is using a magnetic guidance system, drill path will be surveyed for any surface magnetic variations or anomalies.

ENVIRONMENTAL PROTECTION:

Contractor shall place silt fence between all drilling operations and any drainage, wetland, waterway or other area designated for such protection by contract documents, state, federal and local regulations. Additional environmental protection necessary to contain any hydraulic or drilling fluid spills shall be put in place, including berms, liners, turbidity curtains and other measures. Contractor shall adhere to all applicable environmental regulations. Fuel may not be stored in bulk containers within 200 feet of any water-body or wetland. The Contractor shall be required to have a vacuum truck on-site throughout the duration of drilling operations. No additional compensation will be allowed for containment or cleanup of frac outs or fractures.

CONSTRUCTION REQUIREMENTS:

In the event of damage to an existing utility during directional boring or pipe installation activities, the Contractor shall immediately notify the Engineer and JULIE. The Contractor shall be responsible for the cost of repairing the damaged utility and any other associated costs that result from the damage.

This work will be measured in place and paid for at the contract unit price per foot for WATER MAIN, of the diameter specified, (DIRECTIONAL DRILLED), which shall include all labor, material, and equipment required to complete the work as specified herein.

13. Water Valves

This work shall include all labor, material, and equipment necessary to furnish and install water valves, of the diameter specified, in accordance with Section 561 of the Standard Specifications and as specified herein.

Water valves shall conform to AWWA C504, AWWA C508, or AWWA C509. All valves shall turn counterclockwise, or to left, to open. Valves shall be American Flow Control, Series 2500 Resilient Wedge Gate Valves and shall have the manufacturer and year cast on the body with raised letters. Valves shall have an all stainless steel trim.

This work will be measured in place and paid for at the contract unit price per each (EA) for WATER VALVES, of the diameter specified, which shall include all labor, material, and equipment required to complete the work as specified herein.

14. Fire Hydrants to be Removed (Special)

This work shall include all labor, material, and equipment necessary to remove and dispose of existing fire hydrant assemblies at locations shown on the Engineering plans and as specified herein.

Fire hydrants shall be removed completely, including, but not limited to, the entire barrel section including the seat, the existing auxiliary valve, and valve box. Fire hydrant assemblies shall be delivered to the Village of Buffalo Grove Public Works yard in good condition. Good condition is defined as the material is delivered without damage to the joints or fittings and can be repurposed. Material damaged due to the Contractor's negligence shall be replaced at no additional cost to the Village with equal material in good condition.

The Contractor shall coordinate delivery of materials with the Department of Public Works a minimum of 48-hours prior to delivery of the materials noted above.

The remaining open pipe fire hydrant lead shall be bulk headed with brick and mortar, or a mechanical joint cap, as directed by Engineer. Any materials not suitable for salvage shall be disposed of according to Article 202.03 of the Standard Specifications.

The open excavation shall be backfilled with approved excavated materials. At the Contractors discretion to prevent future settlement, trench backfill material may be used as specified herein.

This work will be measured in place and paid for at the contract unit price per each (EA) for FIRE HYDRANTS TO BE REMOVED, which shall include all labor, material, and equipment required to complete the work as specified herein.

15. Fire Hydrant Assembly, Complete (Special)

This work shall include all labor, material, and equipment necessary to furnish and install a new fire hydrant assembly in accordance with Section 564 of the Standard Specifications, Section 45 of the Standard Specifications for Water and Sewer Construction in Illinois and as specified herein.

This work effort includes all materials required to fully complete the fire hydrant assembly installation in accordance with the plan detail including, but not limited to, fire hydrant tee, all hydrant lead piping, “direct assembly” auxiliary valve, auxiliary valve box and stabilizer, fire hydrant, thrust blocking, joint restraints and backfill, etc., except open excavations shall be backfilled and paid for with applicable trench backfill contract pay items.

The Contractor will be responsible for protecting the installed hydrants during construction. It is recommended but not required the hydrants be covered with a protective bag to ensure no chips, scratches or other damage is done to the hydrants during construction. Any damage to the factory installed paint shall be repaired at the factory. Touch up paint or spray paint will not be an acceptable method of painting for any new hydrants.

Fire hydrants shall be set plumb and level with their nozzles paralleled with or at right angles to the roadway, with the pumper nozzle normal to the roadway. They shall conform to the established grade, with nozzles at a minimum of eighteen (18) inches above finished grade.

At the direction of the Engineer, fire hydrant barrel extensions may be required to be furnished and installed. Fire hydrant extensions and parts shall be manufactured by Waterous and shall have all stainless street trim. Any labor, material, or equipment necessary to furnish and install fire hydrant barrel extensions shall be measured in place and paid for per foot (FT) with the contract pay item FIRE HYDRANT EXTENSION.

The Contractor shall refer to the Village of Buffalo Grove Materials List in Appendix A for all material requirements. The open excavations shall be backfilled and paid for with applicable trench backfill contract pay items.

This work will be measured in place and paid for at the contract unit price per each (EA) for FIRE HYDRANT ASSEMBLY, COMPLETE, which shall include all labor, material, and equipment required to complete the work as specified herein.

16. Pipe Underdrains

This work shall include all labor, material, and equipment necessary to furnish and install pipe underdrains in accordance with Section 601 of the Standard Specifications and as specified herein.

Pipe underdrains shall be installed behind the back of curb per the detail shown on the Engineering plan from each existing storm sewer structure for fifty (50) feet in each parallel direction. Pipe bends and fittings shall be required for radii ≤ 50’.

The aggregate backfill material and fabric sock, as specified in the Engineering plans and as specified herein, shall be included in the cost of this pay item, regardless of the depth of pipe underdrain. When connecting a proposed underdrain to an existing storm sewer structure, a new hole shall be machine cored with a minimum six (6) inch diameter, circular hole. Cutting a new pipe opening by any other method shall not be permitted.

The pipe material used for this item shall be exclusively perforated PVC SDR 35, of the diameter specified, conforming to ASTM D-3034 pipe standards with rubber gasket joints conforming to ASTM D-3212.

This work will be measured in place and paid for at the contract unit price per foot (FT) for PIPE UNDERDRAINS, of the size specified, (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

17. Combination Concrete Curb and Gutter

This work shall include all labor, material, and equipment necessary to construct concrete curb, and combination concrete curb and gutter, of the type specified, as marked by the Engineer in accordance with Section 606 of the Standard Specifications and as specified herein.

The Contractor shall closely match the existing concrete curb and gutter style type of the adjacent existing curb and gutter. This work shall include the installation of two #4 continuous reinforcing bars as shown on the Engineering plans along the full length of the new curb and gutter. At points where the proposed concrete curb and gutter abuts existing concrete, two #4 smooth epoxy coated dowel-bars shall be installed at 24" on center. The depth of the proposed concrete curb and gutter shall match the existing adjacent depth, but not less than nine (9) inches.

The material used for this item shall be exclusively portland cement concrete in accordance with Section 1020 of the Standard Specifications and shall have polyurethane coated fiber in the mix. The fiber shall be mixed in the concrete at a rate of 1.5 lbs per cubic yard of concrete at the ready mix plant. Mixing of the concrete and fibers shall not be permitted on the project site.

This work will be measured in place and paid for at the contract unit price per foot (FT) for CONCRETE CURB, of the type specified, and COMBINATION CONCRETE CURB AND GUTTER, of the type specified, which shall include all labor, material, and equipment required to complete the work as specified herein.

18. Storm Sewer Connection

This work shall include all labor, material, and equipment necessary to complete the connection of the proposed storm sewer to the existing storm sewer or storm structure at locations shown on the Engineering plans and as specified herein.

All connections to existing storm sewer shall be made with appropriately sized non-shear mission couplings conforming to ASTM C-1173-91. All fittings, accessories and shear rings shall be 316 grade stainless steel in accordance with ASTM A-167-91.

The existing structure wall shall be cored to a distance not to exceed three (3) inches beyond the outside circumference of the new pipe. If required by the Engineer, the existing bench shall be modified to accept the new pipe.

This work will be measured in place and paid for at the contract unit price per each (EA) for STORM SEWER CONNECTION (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

19. Sanitary Sewer Connection

This work shall include all labor, material, and equipment necessary to complete the connection of the proposed sanitary sewer to the existing sanitary sewer or sanitary structure at locations shown on the Engineering plans and as specified herein.

All connections to existing sewer shall be made with appropriately sized non-shear mission couplings conforming to ASTM C-1173-91. All fittings, accessories and shear rings shall be 316 grade stainless steel in accordance with ASTM A-167-91.

The existing structure wall shall be cored to a distance not to exceed three (3) inches beyond the outside circumference of the new pipe. If required by the Engineer, the existing bench shall be modified to accept the new pipe. All connections to the existing structure shall have a neoprene boot installed with stainless steel bands meeting the requirements of ASTM C-923.

This work will be measured in place and paid for at the contract unit price per each (EA) for SANITARY SEWER CONNECTION (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

20. Valve Vaults to be Abandoned

This work shall include all labor, material, and equipment necessary to abandon existing valve vaults at locations shown on the Engineering plans and as specified herein.

The Contractor shall remove the existing operating nut from the closed valve and install a plate furnished by the Village in lieu of the operating nut.

This work will be measured in place and paid for at the contract unit price per each (EA) for VALVE VAULTS TO BE ABANDONED, which shall include all labor, material, and equipment required to complete the work as specified herein.

21. Clearing and Grubbing

This work shall include all labor, material, and equipment necessary to remove and dispose of all obstructions marked by the Engineer in accordance with Section 201 and 202 of the Standard Specifications and as specified herein.

Clearing shall consist of the removal and disposal of all obstructions such as fences, walls, foundations, buildings, accumulations of rubbish of whatever nature and existing structures, the removal of which is not otherwise provided for in Article 501.05; all logs, shrubs, bushes, saplings, grass, weeds, other underbrush vegetation and stumps of a diameter less than 6 in.

All saplings, bushes and roots shall be removed to a depth of not less than 12 in. below the elevation of the subgrade, the finished grade surface, or the ground line, and at least below the bottom of the subbase material.

Materials shall be disposed of off-site according to Article 202.03 of the Standard Specifications.

This work will be measured in place and paid for at the contract unit price per lump sum (LS) for CLEARING AND GRUBBING, which shall include all labor, material, and equipment required to complete the work as specified herein.

22. Inlets, Type A, With Salvaged Frame and Grate

This work shall include all labor, material, and equipment necessary to furnish and install inlets at locations shown on the Engineering plans in accordance with Section 602 of the Standard Specifications and as specified herein.

The existing frame and grate shall be removed with care and stored to prevent loss or damage. The Contractor shall replace, at no additional cost to the Owner, any existing frame and grate which has been damaged during the removal process due to the Contractor's neglect, misconduct, or poor workmanship as deemed by the Engineer.

This work will be measured in place and paid for at the contract unit price per each (EA) for INLETS, of the type specified, WITH SALVAGED FRAME AND GRATE, which shall include all labor, material, and equipment required to complete the work as specified herein.

23. Sanitary Manholes to be Adjusted

This work shall include all labor, material, and equipment necessary to adjust existing sanitary manholes to proposed grade in accordance with Section 602 of the Standard Specifications and as specified herein.

This shall include existing manholes which are to be adjusted to proposed grade where 2 ft or less of masonry will be either added, removed or rebuilt to bring the specified casting to the finished grade of the proposed improvement. A new external chimney seal shall be furnished in accordance with ASTM C-923, and be produced and supplied by Cretex Specialty Products, or approved equal. The external chimney seal shall be installed per the manufacturer's recommendation.

This work will be measured in place and paid for at the contract unit price per each (EA) for SANITARY MANHOLES TO BE ADJUSTED, which shall include all labor, material, and equipment required to complete the work as specified herein.

24. Valve Vaults to be Removed

This work shall include all labor, material, and equipment necessary to remove existing valve vaults at locations shown on the Engineering

plans in accordance with Section 605 of the Standard Specifications and as specified herein.

Valve vaults shall be removed, frame and lid included, to a partial depth approximately three feet below finished grade and filled with CA-11 aggregate material as specified herein. The Engineer or Department of Public Works will determine if the existing frame and lid or water valve are salvageable.

All material resulting from the removal of existing valve vaults that is not suitable for salvage shall be disposed of off-site according to Article 202.03 of the Standard Specifications.

This work will be measured in place and paid for at the contract unit price per each (EA) for VALVE VAULTS TO BE REMOVED, which shall include all labor, material, and equipment required to complete the work as specified herein.

25. Valve Box

This work shall include all labor, material, and equipment necessary to furnish and install valve boxes and lid at locations shown on the Engineering plans as specified herein.

Valve boxes shall be Tyler 664-S with a lid embossed with 'WATER', and a rubber valve box stabilizer installed. Valve boxes shall be set plumb and level to the surrounding ground elevation.

This work will be measured in place and paid for at the contract unit price per each (EA) for VALVE BOXES, which shall include all labor, material, and equipment required to complete the work as specified herein.

26. Valve Boxes to be Removed

This work shall include all labor, material, and equipment necessary to remove existing valve boxes at locations shown on the Engineering plans in accordance with Section 605 of the Standard Specifications and as specified herein.

Valve boxes shall be removed full depth and the open excavation left as a result of the valve box removed shall be filled with CA-11 aggregate material as specified herein. The Engineer or Department of Public Works will determine if the existing valve box is salvageable.

All material resulting from the removal of existing valve boxes that is not suitable for salvage shall be disposed of off-site according to Article 202.03 of the Standard Specifications.

This work will be measured in place and paid for at the contract unit price per each (EA) for VALVE BOXES TO BE REMOVED, which shall include all labor, material, and equipment required to complete the work as specified herein.

27. Detour Signing

This work shall include all labor, material, and equipment necessary to furnish, install, maintain, relocate, and remove work zone traffic control and protection in accordance with Section 701 of the Standard Specifications and as specified herein.

The Contractor shall be responsible for the proper location, installation, and arrangement of all traffic control devices per the Detour Plan in the Engineering plans. All traffic control devices which are inconsistent with lane assignment patterns and conflicting conditions during the transition from one construction stage to another shall be immediately removed, covered, or turned from the view of motorists by the Contractor. Materials used to cover existing conflicting or inappropriate signage shall block out reflectivity and shall cover the entire sign. The Engineer shall approve the method used for covering signs.

The convenience and safety of the public shall be provided for in an adequate and satisfactory manner.

This work will be measured in place and paid for at the contract unit price per each for DETOUR SIGNING, which price shall include all labor, material, and equipment required to complete the work as specified herein.

28. Traffic Control and Protection

Traffic Control shall be according to the applicable sections of the Standard Specifications, the Supplemental Specifications, the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", any special details and Highway Standards contained in the plans, and the Special Provisions contained herein.

Special attention is called to Article 107.09 of the Standard Specifications and the following Highway Standards, Details, Quality Standard for Work Zone Traffic Control Devices, Recurring Special Provisions and Special Provisions contained herein, relating to traffic control.

Delays to the Contractor caused by complying with these requirements will be considered included in the cost of the contract, and no additional compensation will be allowed.

Standards
701001, 701006, 701011, 701101, 701301, 701501, 701601, 701606, 701701, 701801 and 701901

Details
TC-10 Traffic Control and Protection for Side Roads, Intersections and Driveways
TC-14 Traffic Control and Protection at Turn Bays (To Remain Open to Traffic)
TC-22 Arterial Road Information Sign

Special Provisions
Maintenance of Roadways and Erosion Control
Construction Staging and Maintenance of Base Course
Protection of Mailboxes
Traffic Control Plan
LRS 3 – Work Zone Traffic Control Surveillance
LRS 4 – Flaggers in Work Zones
BDE - Equipment Parking and Storage
BDE - Traffic Control Devices – Cones
BDE – Work Zone Traffic Control Devices

No roads or segments shall be closed without prior written approval from the Engineer. The Contractor must present to the Engineer, a detour plan with a detailed description addressing how resident access will be maintained and all applicable signage. Submittal of a road closure request to the Engineer does not guarantee approval. Any additional traffic control devices required for road closures per the Contractor's request shall not be paid for separately but shall be included in the cost of the contract.

The Contractor shall be properly advised of the regulated weight limits within the surrounding areas of the project. No additional compensation in time or monetary value will be allowed. The Village of Buffalo Grove Police Department requires permits for Overweight/Over-Sized Trucks or Vehicles. The Contractor can find additional information at www.vbg.org/645/Truck-Enforcement or by calling (847) 459-2560.

Temporary "No Parking" signs must be approved by the Engineer prior to installation and the Village must be notified for each individual use or occurrence. The temporary signs must be POSTED AND DATED at least 24 hours before the intended date of use and shall be a minimum size of 8.5"x11", with a contrasting background and be lathe or post mounted. Any signage that is posted without the Engineer's approval will be assessed a monetary penalty of $500 per day until removed. The Contractor shall not tow or move any vehicles.

This work will be measured in place and paid for at the contract unit price per lump sum (LS) for TRAFFIC CONTROL AND PROTECTION, (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

29. Cut and Cap Existing Water Main

This work shall include all labor, material, and equipment necessary to excavate, expose, cut and cap existing water main pipe in a neat and workmanlike manner at locations shown on the Engineering plans and as specified herein.

Ends shall be capped with a mechanical plug or cap to prevent infiltration into the abandoned water main. Aggregate trench backfill material will be paid for according to Article 208.04 of the Standard Specifications.

This work will be measured in place and paid for at the contract unit price per each (EA) for CUT AND CAP EXISTING WATER MAIN, regardless of size, which shall include all labor, material, and equipment required to complete the work as specified herein.

30. Connection to Existing Water Main (Non-Pressure)

This work shall include all labor, material, and equipment necessary to complete the non-pressure connection of the proposed water main to the existing water main at locations shown on the Engineering plans in accordance with Section 41 of the Standard Specifications for Water and Sewer Construction in Illinois and as specified herein.

The work shall include all pipe, reducers, fittings, solid sleeves, excavation, concrete thrust blocking, and disposal of surplus excavated materials. Connection of ductile iron water main to existing cast iron water main will require the use of a Tyler Long Pattern Duo Solid Sleeve. The Contractor shall notify the Engineer a minimum of 72 hours prior to any required water main shut downs.

As these connections cannot be pressure tested or chlorinated, the Contractor shall swab all pipe fittings with a 2% hypochlorite solution using a new clean long-string mop in the presence of the Engineer, and the new section of water main must be pressurized prior to backfilling. 441 OMNI Couplings shall not be permitted.

This pay item shall also include the removal of the existing water main pipe as necessary to install the proposed improvements as shown on the Engineering plans. All ductile iron pipe will be paid for separately to the connection point at the existing main.

Because of the age of the existing water system, the Village cannot assure that a complete shut down will be achievable. The Contractor shall be equipped with enough pumps as necessary to complete the work as specified herein.

This work will be measured in place and paid for at the contract unit price per each (EA) for CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE), of the diameter specified, which shall include all labor, material, and equipment required to complete the work as specified herein.

31. Drainage Structures to be Adjusted

This work shall include all labor, material, and equipment necessary to adjust existing drainage structures in accordance with Section 602 of the Standard Specifications and as specified herein.

Adjustment ring material type and method shall be in accordance with Exhibit No. 109 Materials List, as specified herein. Bricks, aggregate, lathe, or any other organic material shall not be used.

This work will be measured in place and paid for at the contract unit price per each (EA) for DRAINAGE STRUCTURES TO BE ADJUSTED, which shall include all labor, material, and equipment required to complete the work as specified herein.

32. Pressure Connection

This work shall include all labor, material, and equipment necessary to complete a pressure connection in accordance with Section 46 of the Standard Specifications for Water and Sewer Construction in Illinois and as specified herein.

All material requirements shall be in accordance with Exhibit No. 109 Materials List, as specified herein.

This work will be measured in place and paid for at the contract unit price per each (EA) for PRESSURE CONNECTION, of the size specified, which shall include all labor, material, and equipment required to complete the work as specified herein.

33. Storm Sewer, Water Main Quality

This work shall include all labor, material, and equipment necessary to furnish and install storm sewer, of the diameter, material and strength class specified in accordance with Section 550 of the Standard Specifications and as specified herein.

All storm sewer labeled water main class or quality shall be furnished in accordance with the Utility Table in the Engineering plans. The material used for this item shall be exclusively PVC SDR 26, of the diameter specified, conforming to ASTM D-3034 pipe standards with rubber gasket joints conforming to ASTM D-3212 F-477.

The trench shall be backfilled, and included in the cost of this item, with IDOT certified Class B course aggregate material meeting the gradation of CA-11 in accordance with Section 1004 of the Standard Specifications. All aggregate must be crushed, rounded aggregate will not be permitted. The backfill material shall be compacted to 95% modified proctor density as required by ASTM D1557 or AASHTO T-180.

This work will be measured in place and paid for at the contract unit price per foot (FT) for STORM SEWERS, of the type, WATER MAIN QUALITY PIPE, and diameter specified, which shall include all labor, material, and equipment required to complete the work as specified herein.

34. Sanitary Sewer

This work shall include all labor, material, and equipment necessary to furnish and install sanitary sewer, of the diameter, material and strength class specified in accordance with Section 550 of the Standard Specifications and as specified herein.

The material used for this item shall be exclusively PVC SDR 26, of the diameter specified, conforming to ASTM D-3034 pipe standards with rubber gasket joints conforming to ASTM D-3212 F-477.

The trench shall be backfilled, and included in the cost of this item, with IDOT certified Class B course aggregate material meeting the gradation of CA-11 in accordance with Section 1004 of the Standard Specifications. All aggregate must be crushed, rounded aggregate will not be permitted. The backfill material shall be compacted to 95% modified proctor density as required by ASTM D1557 or AASHTO T-180.

This work will be measured in place and paid for at the contract unit price per foot (FT) for SANITARY SEWER, of the diameter specified, which shall include all labor, material, and equipment required to complete the work as specified herein.

35. Exploration Excavation

This work shall include all labor, material, and equipment necessary to excavate an exploratory trench as directed by the Engineer and as specified herein.

Exploration excavations shall be completed as required to locate existing utility facilities within the proposed project limits. The excavation shall not be less than 48 inches in depth and the width shall be sufficient to allow proper investigation of the entire trench length. The Contractor shall not be paid this item without prior approval from the Engineer.

The excavation shall be backfilled in accordance with Section 208 of the Standard Specifications or as directed by the Engineer. Surplus excavated material shall be disposed of off-site according to Article 202.03 of the Standard Specifications.

This work will be measured in place and paid for at the contract unit price per each for EXPLORATION EXCAVATION (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

36. Furnish and Install External Chimney Seal

This work shall include all labor, material, and equipment necessary to excavate, furnish and install external chimney seals at locations shown on the Engineering plans and as specified herein.

The Contractor shall remove any existing internal or external chimney seal and install a new external chimney seal in accordance with ASTM C-923, and be produced and supplied by Cretex Specialty Products, or approved equal. The external chimney seal shall be installed per the manufacturer's recommendation.

This work will be measured in place and paid for at the contract unit price per each (EA) for FURNISH AND INSTALL EXTERNAL CHIMENY SEAL (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

37. Adjusting Sanitary/Storm Services

This work shall include all labor, material, and equipment necessary to adjust existing sanitary and storm sewer service lines at the direction of the Engineer in accordance with Section 563 of the Standard Specifications and as specified herein.

This item shall be used, when determined by the Engineer, where existing sanitary or storm sewer service lines conflict with the proposed utility improvements. The sewer services shall be removed and replaced to a length that will eliminate the conflict and provide positive slope to the existing main. This work shall include the removal of existing sewer pipe, and all fittings and couplings required to complete the work. .

Any sewer service line, including fittings, damaged by the Contractor due to neglect, misconduct, or poor workmanship shall be replaced at the Contractor's expense.

The material used for this item shall be exclusively PVC SDR 26, of the diameter specified, conforming to ASTM D-3034 pipe standards with rubber gasket joints conforming to ASTM D-3212 F-477.

All connections to existing sewer shall be made with appropriately sized non-shear mission couplings conforming to ASTM C-1173-91. All fittings, accessories and shear rings shall be 316 grade stainless steel in accordance with ASTM A-167-91.

The trench shall be backfilled, and included in the cost of this item, with IDOT certified Class B course aggregate material meeting the gradation of CA-11 in accordance with Section 1004 of the Standard Specifications. All aggregate must be crushed, rounded aggregate will not be permitted. The backfill material shall be compacted to 95% modified proctor density as required by ASTM D1557 or AASHTO T-180.

Tapping saddles may not be used for connection of services to PVC or VCP mainline sewers.

If the Contractor damages any sanitary/storm service line not requiring adjustment, or any other underground structure or utility, the Contractor shall replace or repair it as required by the Engineer and no additional compensation will be allowed. When a sanitary/storm sewer is to be adjusted, the Contractor shall remove it carefully to prevent damage to the existing pipe which will remain.

This work will be measured in place and paid for at the contract unit price per foot (FOOT) for ADJUSTING SANITARY/STORM SERVICES, 8-INCH DIAMETER OR LESS (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

38. Sanitary/Storm Sewer to be Removed

This work shall include all labor, material, and equipment necessary to remove existing sanitary or storm sewer at locations shown on the Engineering plans in accordance with Article 551 of the Standard Specifications and as specified herein.

Storm sewer and sanitary sewer removal shall be combined into one pay item and each size will not be paid for separately. A range of sizes are broken out in the bid documents and shall be measured in the field accordingly. All measurements shall be the internal diameter of the sewer pipe.

This work will be measured in place and paid for at the contract unit price per foot (FT) for SANITARY/STORM SEWER TO BE REMOVED, of the size specified, (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

39. Buffalo Box Frame & Lid

This work shall include all labor, material, and equipment necessary to furnish and install a frame and lid specifically for water service boxes that are in the pavement areas and/or sidewalk or anywhere other than the parkway as determined by the Engineer.

The frame and lid required shall be exclusively Neenah R-1970 produced and supplied by:

Neenah Foundry Co.
2121 Brooks Avenue
Neenah, WI 54956
Phone: (920) 725-7000
www.nfco.com

This work will be measured in place and paid for at the contract unit price per each (EA) for BUFFALO BOX FRAME & LID (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

40. Water Service, Type K Copper, of the size specified (Special)

This work shall include all labor, material, and equipment necessary to furnish and place water service pipe in accordance with Section 41 with special attention to Article 41.2.12 of the Standard Specifications for Water and Sewer Construction in Illinois and as specified herein.

The Contractor has the option of installing the service lines with open cut or trenchless methods. Any trench backfill, capping stone, capping stone removal prior to paving, additional saw cuts, additional restoration from drilling equipment or other items as necessary to facilitate the installation of the service lines shall be included in the per foot price for WATER SERVICE, TYPE K COPPER, of the size specified (SPECIAL).

Trench backfill required for excavations to make connections under sidewalks or driveways will be paid for separately.

The Contractor shall refer to the Village of Buffalo Grove Materials List in Appendix A for all material requirements. All work as listed and as shown on the plan and details shall be included with this pay item.

If larger than one inch (1") services are encountered during construction the Contractor shall match the existing service size. This additional work will be paid for with applicable pay items or in accordance with Article 109.04 Payment for Extra Work of the Standard Specifications for Road and Bridge Construction.

This work will be measured in place and paid for at the contract unit price per foot (FT) for WATER SERVICE, TYPE K COPPER, of the size specified, (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

41. Water Service, Connect to Existing, Complete (Special)

This work shall include all labor, material, and equipment necessary to complete the connection of the new water service piping to the existing water service in accordance with Section 41 with special attention to Article 41.2.13 of the Standard Specifications for Water and Sewer Construction in Illinois and as specified herein.

All service boxes will be replaced. The existing water service piping is unknown and may include lead, copper, galvanized iron, or other material types. The Contractor shall provide all the necessary fittings to connect new water service to the existing water service including a new curb stop and service box.

House connections to proposed main shall be made individually and in as short of time as possible after testing and disinfection. No water customer shall be without water in excess of two (2) hours and shall be notified prior to disconnecting service.

The Contractor shall refer to the Village of Buffalo Grove Materials List in Appendix A for all material requirements. All work as listed and as shown on the plan and details shall be included with this pay item.

If larger than one inch (1") services are encountered during construction the Contractor shall match the existing service size. This additional work will be paid for with applicable pay items or in accordance with Article 109.04 Payment for Extra Work of the Standard Specifications for Road and Bridge Construction.

The Contractor will be required to notify homeowners and business owners 48 hours prior to affecting their service line. Upon reconnection of water services to the new water main the Contractor shall hang a door tag with instructions for the homeowner to be provided by the Village. The information on this door tag will not relieve the Contractor from normal duties expected when installing and reconnecting water service lines to prevent damage to internal plumbing systems of a residence or business. All fittings for copper service lines shall be of the "flare" type regardless of temporary or permanent use. Any damage to existing water service lines during construction shall be repaired with the existing main under pressure. The contractor shall have a crimping tool and e-z out or freeze kit onsite to make repairs as needed. Repair of service lines in this manner shall only be performed on lines that will be abandoned as part of this project. This work shall be considered included in the cost of construction. All water services shall be connected back to the existing service line as approved by the engineer. The contractor is responsible for locating the service line at the point of connection on the house side of the b-box.

This work will be measured in place and paid for at the contract unit price per each (EA) for WATER SERVICE, CONNECT TO EXISTING, COMPLETE (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

42. Water Service, Tap, of the size specified, Complete (Special)

This work shall include all labor, material, and equipment necessary to complete the connection of the new water service piping to the existing water service in accordance with Section 41 with special attention to Articles 41-2.11 and 41-2.13 of the Standard Specifications for Water and Sewer Construction in Illinois and as specified herein.

When direct tapping the polyethylene encased pipe, the Contractor shall wrap no less than three layers of water proof adhesive tape completely around the pipe to cover the tapping machine and chain mounting area. After making the tap the casement shall be inspected for damage and any repairs shall be made. The corporation stop and three feet (3') of the new water service piping shall be wrapped with additional polyethylene casement.

The Contractor shall refer to the Village of Buffalo Grove Materials List in Appendix A for all material requirements. All work as listed and as shown on the plan and details shall be included with this pay item.

All services greater than one inch (1") shall have a two (2) bolt full circle stainless sleeve tapping sleeve with stainless steel hardware.

If larger than one inch (1") services are encountered during construction the Contractor shall match the existing service size. This additional work will be paid for with applicable pay items or in accordance with Article 109.04 Payment for Extra Work of the Standard Specifications for Road and Bridge Construction.

This work will be measured in place and paid for at the contract unit price per each (EA) for WATER SERVICE, TAP, OF THE SIZE SPECIFIED, COMPLETE (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

43. Abandon Existing Water Main (Special)

This work shall include all labor, material, and equipment necessary to furnish and fill the existing water main with controlled low-strength material in accordance with Section 593 of the Standard Specifications and as specified herein.

This work shall consist of filling existing water main to be abandoned with Controlled Low Strength Material (CLSM). The utility shall be plugged on all ends with a plug material meeting approval of the Engineer. The plug shall be adequate to withstand the hydrostatic load created during the filling operation. If the plugs fail during the filling operation, the Contractor shall be responsible for the cost of repairing the plugs and filling the remainder of the pipe. CLSM shall be placed to completely fill all voids and crevices within the abandoned pipe. CLSM shall be placed by low pressure pumping with a maximum length of flow limited only by the safe allowable load that may be applied to the abandoned utility. Additional access holes, where required, or as directed by the Engineer, shall be opened to assure the complete filling of the utility.

The capping and/or plugging required to fill the pipe as described will be included with this pay item.

The Contractor shall submit to the Engineer a mix design for the flowable fill used on the project. The mix design shall generally conform to the following mix as designed by Prairie Material Mix #6115811, or approved by the Engineer:

Cement: 80 Pounds
Fly Ash 910 Pounded line
Sand 1850 Pounds
Water 54.7 Gallons
A/E 1-25%
Slump 10+/- 1"

This work will be measured in place and paid for at the contract unit price per cubic yard (CY) for ABANDON EXISTING WATER MAIN (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

44. Temporary Pavement

This work shall include all labor, material, and equipment necessary to furnish, place, maintain, and remove temporary asphalt pavement, of the depth specified, in accordance with Section 406 and 442 of the Standard Specifications and as specified herein.

This works intent is on Dundee Road and Buffalo Grove Road, respectively, prior to any permanent pavement patching operations, or at other locations as determined by the Engineer.

It is at the Contractor's discretion regarding the material and mix type furnished, however, must be a hot-mix asphalt material stated in the submitted Hot-Mix Asphalt Quality Control Plan. The placement of temporary pavement shall be a minimum of four (4) inches in depth. The temporary pavement shall be maintained to the satisfaction of the Engineer and may include additional compacting or the addition or replacement of temporary material at no additional cost to the Owner.

Immediately prior to permanent asphalt pavement patching operations, the temporary pavement shall be removed and disposed of off-site according to Article 202.03 of the Standard Specifications.

This work will be measured in place and paid for at the contract unit price per ton (TN) for TEMPORARY PAVEMENT, of the depth specified, which shall include all labor, material, and equipment required to complete the work as specified herein.

45. Class D Patches

This work shall include all labor, material, and equipment necessary to complete the removal and replacement of hot-mix asphalt pavement and/or aggregate subbase material, of the type and depth specified, where marked by the Engineer in accordance with Section 442 of the Standard Specifications and as specified herein.

These pavement patches shall be considered 'finish' or 'surface' patches and the final replacement material and depth shall be in accordance with the Hot-Mix Asphalt Mixture Requirements table as described herein and Section 1030 of the Standard Specifications.

This work will be measured in place and paid for at the contract unit price per square yard (SY) for CLASS D PATCHES, of the type and depth specified, (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

46. Remove and Stack Brick Paver Driveway Pavement (Special)

This work shall include all labor, material, and equipment necessary to carefully remove and temporarily stack existing brick paver driveway pavement as specified herein.

All references to brick pavers throughout the contract documents shall be understood to mean all specialty materials, including, but not limited to, brick pavers, raised aggregate, slate, flagstone, and all non-portland cement or asphalt sidewalks or driveways.

The existing brick pavers shall be removed and neatly stacked, no higher than 36", and protected near the driveway apron on palettes in the parkway for the residents future use. The Contractor shall replace, at no additional cost to the Village, any existing brick pavers which have been damaged by the Contractor's operations due to neglect, misconduct or poor workmanship.

This work will be measured in place and paid for at the contract unit price per square foot (SF) for REMOVE AND STACK BRICK PAVER DRIVEWAY PAVEMENT (SPECIAL), which shall include all labor, material, and equipment required to complete the work as specified herein.

47. Remove and Replace Wood Fence

This work shall include all labor, material, and equipment necessary to remove, store, and re-erect existing wood fence systems as directed by the Engineer and as specified herein.

The existing fence shall be removed with care and stored to prevent loss or damage. At the discretion of the Contractor, fence pieces can be stored off-site to prevent theft or damage.

Posts being reinstalled shall be properly spaced and installed in-kind to the existing depth. The re-erected fence shall be plumb, taut, true to line, and complete. The Contractor shall replace, at no additional cost to the Owner, any existing fence system which has been damaged by the Contractor's operations due to neglect, misconduct or poor workmanship.

This work will be measured in place and paid for at the contract unit price per foot (FT) for REMOVE AND REPLACE WOOD FENCE, which shall include all labor, material, and equipment required to complete the work as specified herein.

IDOT District One - Special Provisions

1. Adjustments and Reconstructions (D-1)

Effective: March 15, 2011

Revise the first paragraph of Article 602.04 to read:

"602.04 Concrete. Cast-in-place concrete for structures shall be constructed of Class SI concrete according to the applicable portions of Section 503. Cast-in-place concrete for pavement patching around adjustments and reconstructions shall be constructed of Class PP-1 concrete, unless otherwise noted in the plans, according to the applicable portions of Section 1020."

Revise the third, fourth and fifth sentences of the second paragraph of Article 602.11(c) to read:

"Castings shall be set to the finished pavement elevation so that no subsequent adjustment will be necessary, and the space around the casting shall be filled with Class PP-1 concrete, unless otherwise noted in the plans, to the elevation of the surface of the base course or binder course. HMA surface or binder course material shall not be allowed. The pavement may be opened to traffic according to Article 701.17(e)(3)b."

Revise Article 603.05 to read:

"603.05 Replacement of Existing Flexible Pavement. After the castings have been adjusted, the surrounding space shall be filled with Class PP-1 concrete, unless otherwise noted in the plans, to the elevation of the surface of the base course or binder course. HMA surface or binder course material shall not be allowed. The pavement may be opened to traffic according to Article 701.17(e)(3)b."

Revise Article 603.06 to read:

"603.06 Replacement of Existing Rigid Pavement. After the castings have been adjusted, the pavement and HMA that was removed, shall be replaced with Class PP-1 concrete, unless otherwise noted in the plans, not less than 9 in. (225 mm) thick. The pavement may be opened to traffic according to Article 701.17(e)(3)b.

The surface of the Class PP concrete shall be constructed flush with the adjacent surface."

Revise the first sentence of Article 603.07 to read:

"603.07 Protection Under Traffic. After the casting has been adjusted and the Class PP concrete has been placed, the work shall be protected by a barricade and two lights according to Article 701.17(e)(3)b."

2. Aggregate Subgrade Improvement (D-1)

Effective: February 22, 2012
Revised: April 1, 2016

Add the following Section to the Standard Specifications:

"SECTION 303. AGGREGATE SUBGRADE IMPROVEMENT

303.01 Description. This work shall consist of constructing an aggregate subgrade improvement.

303.02 Materials. Materials shall be according to the following.

	Item	Article/Section
(a)	Coarse Aggregate	1004.07
(b)	Reclaimed Asphalt Pavement (RAP) (Notes 1, 2 and 3)	1031

Note 1. Crushed RAP, from either full depth or single lift removal, may be mechanically blended with aggregate gradation CS 01 but shall not exceed 40 percent by weight of the total product. The top size of the Coarse RAP shall be less than 4 in. (100 mm) and well graded.

Note 2. RAP having 100 percent passing the 1 1/2 in (37.5 mm) sieve and being well graded, may be used as capping aggregate in the top 3 in. (75 mm) when aggregate gradation CS 01 is used in lower lifts. When RAP is blended with any of the coarse aggregates, the blending shall be done with mechanically calibrated feeders. The final product shall not contain more than 40 percent by weight of RAP.

Note 3. The RAP used for aggregate subgrade improvement shall be according to the current Bureau of Materials and Physical Research Policy Memorandum, "Reclaimed Asphalt Pavement (RAP) for Aggregate Applications".

303.03 Equipment. The vibratory machine shall be according to Article 1101.01, or as approved by the Engineer. The calibration for the mechanical feeders shall have an accuracy of ± 2.0 percent of the actual quantity of material delivered.

303.04 Soil Preparation. The stability of the soil shall be according to the Department's Subgrade Stability Manual for the aggregate thickness specified.

303.05 Placing Aggregate. The maximum nominal lift thickness of aggregate gradation CS 01 shall be 24 in. (600 mm).

303.06 Capping Aggregate. The top surface of the aggregate subgrade shall consist of a minimum 3 in. (75 mm) of aggregate gradations CA 06 or CA 10. When Reclaimed Asphalt Pavement (RAP) is used, it shall be crushed and screened where 100 percent is passing the 1 1/2 in. (37.5 mm) sieve and being well graded. RAP that has been fractionated to size will not be permitted for use in capping. Capping aggregate will not be required when the aggregate subgrade improvement is used as a cubic yard pay item for undercut applications. When RAP is blended with any of the coarse aggregates, the blending shall be done with mechanically calibrated feeders.

303.07 Compaction. All aggregate lifts shall be compacted to the satisfaction of the Engineer. If the moisture content of the material is such that compaction cannot be obtained, sufficient water shall be added so that satisfactory compaction can be obtained.

303.08 Finishing and Maintenance of Aggregate Subgrade Improvement. The aggregate subgrade improvement shall be finished to the lines, grades, and cross sections shown on the plans, or as directed by the Engineer. The aggregate subgrade improvement shall be maintained in a smooth and compacted condition.

303.09 Method of Measurement. This work will be measured for payment according to Article 311.08.

303.10 Basis of Payment. This work will be paid for at the contract unit price per cubic yard (cubic meter) for AGGREGATE SUBGRADE IMPROVEMENT or at the contract unit price per square yard (square meter) for AGGREGATE SUBGRADE IMPROVEMENT, of the thickness specified.

Add the following to Section 1004 of the Standard Specifications:

" 1004.07 Coarse Aggregate for Aggregate Subgrade Improvement. The aggregate shall be according to Article 1004.01 and the following.

(a) Description. The coarse aggregate shall be crushed gravel, crushed stone, or crushed concrete. The top 12 inches of the aggregate subgrade improvement shall be 3 inches of capping material and 9 inches of crushed gravel, crushed stone or crushed concrete. In applications where greater than 36 inches of subgrade material is required, rounded gravel, meeting the CS01 gradation, may be used beginning at a depth of 12 inches below the bottom of pavement.

(b) Quality. The coarse aggregate shall consist of sound durable particles reasonably free of deleterious materials. Non-mechanically blended RAP may be allowed up to a maximum of 5.0 percent.

(c) Gradation.

(1) The coarse aggregate gradation for total subgrade thicknesses of 12 in. (300 mm) or greater shall be CS 01.

Grad No.	COARSE AGGREGATE SUBGRADE GRADATIONS Sieve Size and Percent Passing				
	8"	6"	4"	2"	#4
CS 01	100	97 ± 3	90 ± 10	45 ± 25	20 ± 20

Grad No.	COARSE AGGREGATE SUBGRADE GRADATIONS (Metric)				
	Sieve Size and Percent Passing				
	200 mm	150 mm	100 mm	50 mm	4.75 mm
CS 01	100	97 ± 3	90 ± 10	45 ± 25	20 ± 20

The 3 in. (75 mm) capping aggregate shall be gradation CA 6 or CA 10.

3. Friction Aggregate (D-1)

Effective: January 1, 2011
Revised: April 29, 2016

Revise Article 1004.03(a) of the Standard Specifications to read:

"1004.03 Coarse Aggregate for Hot-Mix Asphalt (HMA). The aggregate shall be according to Article 1004.01 and the following.

(a) Description. The coarse aggregate for HMA shall be according to the following table.

Use	Mixture	Aggregates Allowed
Class A	Seal or Cover	Allowed Alone or in Combination [5/]: Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag Crushed Concrete
HMA Low ESAL	Stabilized Subbase or Shoulders	Allowed Alone or in Combination [5/]: Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag[1/] Crushed Concrete
HMA High ESAL Low ESAL	Binder IL-19.0 or IL-19.0L SMA Binder	Allowed Alone or in Combination [5/ 6/]: Crushed Gravel Carbonate Crushed Stone[2/] Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Concrete[3/]

<table>
<tr><th>Use</th><th>Mixture</th><th>Aggregates Allowed</th></tr>
<tr><td>HMA
High ESAL
Low ESAL</td><td>C Surface and Leveling Binder
IL-9.5 or IL-9.5L

SMA
Ndesign 50 Surface</td><td><u>Allowed Alone or in Combination</u> [5/]:

Crushed Gravel
Carbonate Crushed Stone[2/]
Crystalline Crushed Stone
Crushed Sandstone
Crushed Slag (ACBF)
Crushed Steel Slag[4/]
Crushed Concrete[3/]</td></tr>
<tr><td rowspan="5">HMA
High ESAL</td><td rowspan="5">D Surface and Leveling Binder
IL-9.5

SMA
Ndesign 50
Surface</td><td><u>Allowed Alone or in Combination</u> [5/]:

Crushed Gravel
Carbonate Crushed Stone (other than Limestone)[2/]
Crystalline Crushed Stone
Crushed Sandstone
Crushed Slag (ACBF)
Crushed Steel Slag[4/]
Crushed Concrete[3/]</td></tr>
<tr><td><u>Other Combinations Allowed:</u>

Up to... | With...</td></tr>
<tr><td>25% Limestone | Dolomite</td></tr>
<tr><td>50% Limestone | Any Mixture D aggregate other than Dolomite</td></tr>
<tr><td>75% Limestone | Crushed Slag (ACBF) or Crushed Sandstone</td></tr>
<tr><td rowspan="5">HMA
High ESAL</td><td rowspan="5">E Surface
IL-9.5

SMA
Ndesign 80
Surface</td><td><u>Allowed Alone or in Combination</u> [5/ 6/]:

Crystalline Crushed Stone
Crushed Sandstone
Crushed Slag (ACBF)
Crushed Steel Slag

No Limestone.</td></tr>
<tr><td><u>Other Combinations Allowed:</u>

Up to... | With...</td></tr>
<tr><td>50% Dolomite[2/] | Any Mixture E aggregate</td></tr>
<tr><td>75% Dolomite[2/] | Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone</td></tr>
<tr><td>75% Crushed Gravel[2/] or Crushed Concrete[3/] | Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag</td></tr>
</table>

Use	Mixture	Aggregates Allowed	
HMA High ESAL	F Surface IL-9.5 SMA Ndesign 80 Surface	Allowed Alone or in Combination [5/ 6/]: Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag No Limestone.	
		Other Combinations Allowed:	
		Up to...	*With...*
		50% Crushed Gravel[2/], Crushed Concrete[3/], or Dolomite[2/]	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone

1/ Crushed steel slag allowed in shoulder surface only.
2/ Carbonate crushed stone (limestone) and/or crushed gravel shall not be used in SMA Ndesign 80. In SMA Ndesign 50, carbonate crushed stone shall not be blended with any of the other aggregates allowed alone in Ndesign 50 SMA binder or Ndesign 50 SMA surface.
3/ Crushed concrete will not be permitted in SMA mixes.
4/ Crushed steel slag shall not be used as leveling binder.
5/ When combinations of aggregates are used, the blend percent measurements shall be by volume."
6/ Combining different types of aggregate will not be permitted in SMA Ndesign 80."

4. Hot-Mix Asphalt Binder and Surface Course (D-1)

Effective: November 1, 2019
Revised: February 1, 2020

Description. This work shall consist of constructing a hot-mix asphalt (HMA) binder and/or surface course on a prepared base. Work shall be according to Sections 406 and 1030 of the Standard Specifications, except as modified herein.

Materials. Revise Article 1004.03(c) to read:

" (c) Gradation. The coarse aggregate gradations shall be as listed in the following table.

Use	Size/Application	Gradation No.
Class A-1, A-2, & A-3	3/8 in. (10 mm) Seal	CA 16 or CA 20
Class A-1	1/2 in. (13 mm) Seal	CA 15
Class A-2 & A-3	Cover Coat	CA 14
HMA High ESAL	IL-19.0; Stabilized Subbase IL-19.0	CA 11 [1/]
	SMA 12.5 [2/]	CA 13[4/], CA 14, or CA 16
	SMA 9.5 [2/]	CA 13[3/4/] or CA 16[3/]
	IL-9.5	CA 16, CM 13[4/]
	IL-9.5FG	CA 16
HMA Low ESAL	IL-19.0L	CA 11 [1/]
	IL-9.5L	CA 16

1/ CA 16 or CA 13 may be blended with the CA 11.

2/ The coarse aggregates used shall be capable of being combined with stone sand, slag sand, or steel slag sand meeting the FA/FM 20 gradation and mineral filler to meet the approved mix design and the mix requirements noted herein.

3/ The specified coarse aggregate gradations may be blended.

4/ CA 13 shall be 100 percent passing the 1/2 in. (12.5mm) sieve."

Revise Article 1004.03(e) of the Supplemental Specifications to read:

"(e) Absorption. For SMA the coarse aggregate shall also have water absorption ≤ 2.0 percent."

HMA Nomenclature. Revise the "High ESAL" portion of the table in Article 1030.01 to read:

"High ESAL	Binder Courses	IL-19.0, IL-9.5, IL-9.5FG, IL-4.75, SMA 12.5, Stabilized Subbase IL-19.0
	Surface Courses	IL-9.5, IL-9.5FG, SMA 12.5, SMA 9.5"

Revise Article 1030.02 of the Standard Specifications and Supplemental Specifications to read:

"1030.02 Materials. Materials shall be according to the following.

Item		Article/Section
(a)	Coarse Aggregate	1004.03
(b)	Fine Aggregate	1003.03
(c)	RAP Material	1031
(d)	Mineral Filler	1011
(e)	Hydrated Lime	1012.01
(f)	Slaked Quicklime (Note 1)	
(g)	Performance Graded Asphalt Binder (Note 2)	1032
(h)	Fibers (Note 3)	
(i)	Warm Mix Asphalt (WMA) Technologies (Note 4)	

Note 1. Slaked quicklime shall be according to ASTM C 5.

Note 2. The asphalt binder shall be an SBS PG 76-28 when the SMA is used on a full-depth asphalt pavement and SBS PG 76-22 when used as an overlay, except where modified herein. The asphalt binder shall be a SBS PG 76-22 for IL-4.75, except where modified herein. The elastic recovery shall be a minimum of 80.

Note 3. A stabilizing additive such as cellulose or mineral fiber shall be added to the SMA mixture according to Illinois Modified AASHTO M 325. The stabilizing additive shall meet the Fiber Quality Requirements listed in Illinois Modified AASHTO M 325. Prior to approval and use of fibers, the Contractor shall submit a notarized certification by the producer of these materials stating they meet these requirements. Reclaimed Asphalt Shingles (RAS) may be used in Stone Matrix Asphalt (SMA) mixtures designed with an SBA polymer modifier as a fiber additive if the mix design with RAS included meets AASHTO T305 requirements. The RAS shall be from a certified source that produces either Type I or Type 2. Material shall meet requirements noted herein and the actual dosage rate will be determined by the Engineer.

Note 4. Warm mix additives or foaming processes shall be selected from the Department's Qualified Producer List, "Technologies for the Production of Warm Mix Asphalt (WMA)"."

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

High ESAL, MIXTURE COMPOSITION (% PASSING) 1/

Sieve Size	IL-19.0 mm		SMA 12.5		SMA 9.5		IL-9.5mm		IL-4.75 mm	
	min	max	min	max	min	max	min	max	min	max
1 1/2 in (37.5 mm)										
1 in. (25 mm)		100								
3/4 in. (19 mm)	90	100		100						
1/2 in. (12.5 mm)	75	89	80	100		100		100		100
3/8 in. (9.5 mm)				65	90	100	90	100		100
#4 (4.75 mm)	40	60	20	30	36	50	34	69	90	100
#8 (2.36 mm)	20	42	16	24 4/	16	32 4/	34 5/	52 2/	70	90
#16 (1.18 mm)	15	30					10	32	50	65
#30 (600 μm)			12	16	12	18				
#50 (300 μm)	6	15					4	15	15	30
#100 (150 μm)	4	9					3	10	10	18
#200 (75 μm)	3	6	7.0	9.0 3/	7.5	9.5 3/	4	6	7	9 3/
#635 (20 μm)			≤ 3.0		≤ 3.0					
Ratio Dust/Asphalt Binder		1.0		1.5		1.5		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/ Additional minus No. 200 (0.075 mm) material required by the mix design shall be mineral filler, unless otherwise approved by the Engineer.

4/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted above the percentage stated on the table.

5/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted below 34 percent.

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

"(1) High ESAL Mixtures. The target value for the air voids of the HMA shall be 4.0 percent, for IL-4.75 it shall be 3.5 percent and for Stabilized Subbase it shall be 3.0 percent at the design number of gyrations. The voids in the mineral aggregate (VMA) and voids filled with asphalt binder (VFA) of the HMA design shall be based on the nominal maximum size of the aggregate in the mix and shall conform to the following requirements.

VOLUMETRIC REQUIREMENTS High ESAL				
	Voids in the Mineral Aggregate (VMA), % minimum			Voids Filled with Asphalt Binder (VFA), %
Ndesign	IL-19.0; Stabilized Subbase IL-19.0	IL-9.5	IL-4.75[1/]	
50	13.5	15.0	18.5	65 – 78 [2/]
70				65 - 75
90				

1/ Maximum draindown for IL-4.75 shall be 0.3 percent.

2/ VFA for IL-4.75 shall be 72-85 percent."

Revise the table in Article 1030.04(b)(3) to read:

"VOLUMETRIC REQUIREMENTS, SMA 12.5 [1/] and SMA 9.5 [1/]			
Ndesign	Design Air Voids Target %	Voids in the Mineral Aggregate (VMA), % min.	Voids Filled with Asphalt (VFA), %
80 [4/]	3.5	17.0 [2/] 16.0 [3/]	75 - 83

1/ Maximum draindown shall be 0.3 percent. The draindown shall be determined at the JMF asphalt binder content at the mixing temperature plus 30 °F.

2/ Applies when specific gravity of coarse aggregate is ≥ 2.760.

3/ Applies when specific gravity of coarse aggregate is < 2.760.

4/ Blending of different types of aggregate will not be permitted.

For surface course, the coarse aggregate can be crushed steel slag, crystalline crushed stone or crushed sandstone. For binder course, coarse aggregate shall be crushed stone (dolomite), crushed gravel, crystalline crushed stone, or crushed sandstone.

Add to the end of Article 1030.05 (d) (2) a. of the Standard Specifications:

"During production, the Contractor shall test SMA mixtures for draindown according to AASHTO T305 at a frequency of 1 per day of production."

Revise the last paragraph of Article 1102.01 (a) (5) of the Standard Specifications to read:

"IL-4.75 and Stone Matrix Asphalt (SMA) mixtures which contain aggregate having absorptions greater than or equal to 2.0 percent, or which contain steal slag sand, shall have minimum surge bin storage plus haul time of 1.5 hours."

Quality Control/Quality Assurance (QC/QA). Revise the third paragraph of Article 1030.05(d)(3) to read:

" If the Contractor and Engineer agree the nuclear density test method is not appropriate for the mixture, cores shall be taken at random locations determined according to the QC/QA document "Determination of Random Density Test Site Locations". Core densities shall be determined using the Illinois Modified AASHTO T 166 or T 275 procedure."

Add the following paragraphs to the end of Article 1030.05(d)(3):

" Longitudinal joint density testing shall be performed at each random density test location. Longitudinal joint testing shall be located at a distance equal to the lift thickness or a minimum of 4 in. (100 mm), from each pavement edge (i.e. for a 5 in. (125 mm) lift the near edge of the density gauge or core barrel shall be within 5 in. (125 mm) from the edge of pavement). Longitudinal joint density testing shall be performed using either a correlated nuclear gauge or cores.

a. Confined Edge. Each confined edge density shall be represented by a one-minute nuclear density reading or a core density and shall be included in the average of density readings or core densities taken across the mat which represents the Individual Test.

b. Unconfined Edge. Each unconfined edge joint density shall be represented by an average of three one-minute density readings or a single core density at the given density test location and shall meet the density requirements specified herein. The three one-minute readings shall be spaced 10 ft (3 m) apart longitudinally along the unconfined pavement edge and centered at the random density test location.

When a longitudinal joint sealant (LJS) is applied, longitudinal joint density testing will not be required on the joint(s) sealed."

Revise the second table in Article 1030.05(d)(4) and its notes to read:

"DENSITY CONTROL LIMITS			
Mixture Composition	Parameter	Individual Test (includes confined edges)	Unconfined Edge Joint Density, minimum
IL-4.75	Ndesign = 50	93.0 – 97.4 % 1/	91.0%
IL-9.5FG	Ndesign = 50 - 90	93.0 – 97.4 %	91.0%
IL-9.5	Ndesign = 90	92.0 – 96.0 %	90.0%
IL-9.5, IL-9.5L,	Ndesign < 90	92.5 – 97.4 %	90.0%
IL-19.0	Ndesign = 90	93.0 – 96.0 %	90.0%
IL-19.0, IL-19.0L	Ndesign < 90	93.0 2/ – 97.4 %	90.0%
SMA	Ndesign = 80	93.5 – 97.4 %	91.0%

1/ Density shall be determined by cores or by correlated, approved thin lift nuclear gauge.

2/ 92.0 % when placed as first lift on an unimproved subgrade."

Equipment. Add the following to Article 1101.01 of the Standard Specifications:

" (h) Oscillatory Roller. The oscillatory roller shall be self-propelled and provide a smooth operation when starting, stopping, or reversing directions. The oscillatory roller shall be able to operate in a mode that will provide tangential impact force with or without vertical impact force by using at least one drum. The oscillatory roller shall be equipped with water tanks and sprinkling devices, or other approved methods, which shall be used to wet the drums to prevent material pickup. The drum(s) amplitude and frequency of the tangential and vertical impact force shall be approximately the same in each direction and meet the following requirements:

(1) The minimum diameter of the drum(s) shall be 42 in. (1070 mm);

(2) The minimum length of the drum(s) shall be 57 in. (1480 mm);

(3) The minimum unit static force on the drum(s) shall be 125 lb/in. (22 N/m); and

(4) The minimum force on the oscillatory drum shall be 18,000 lb (80 kN)."

Construction Requirements.

Add the following to Article 406.03 of the Standard Specifications:

"(j) Oscillatory Roller 1101.01"

Revise the third paragraph of Article 406.05(a) to read:

" All depressions of 1 in. (25 mm) or more in the surface of the existing pavement shall be filled with binder. At locations where heavy disintegration and deep spalling exists, the area shall be cleaned of all loose and unsound material, tacked, and filled with binder (hand method)."

Revise Article 406.05(c) to read.

" (c) Binder (Hand Method). Binder placed other than with a finishing machine will be designated as binder (hand method) and shall be compacted with a roller to the satisfaction of the Engineer. Hand tamping will be permitted when approved by the Engineer."

Revise the special conditions for mixture IL-4.75 in Article 406.06(b)(2)e. to read:

" e. The mixture shall be overlaid within 5 days of being placed."

Revise Article 406.06(d) to read:

" (d) Lift Thickness. The minimum compacted lift thickness for HMA binder and surface courses shall be as follows.

MINIMUM COMPACTED LIFT THICKNESS	
Mixture Composition	Thickness, in. (mm)
IL-4.75	3/4 (19) - over HMA surfaces 1/ 1 (25) - over PCC surfaces 1/
IL-9.5FG	1 1/4 (32)
IL-9.5, IL-9.5L	1 1/2 (38)
SMA 9.5	1 3/4 (45)
SMA 12.5	2 (51)
IL-19.0, IL-19.0L	2 1/4 (57)

1/ The maximum compacted lift thickness for mixture IL-4.75 shall be 1 1/4 in. (32 mm)."

Revise Table 1 and Note 3/ of Table 1 in Article 406.07(a) of the Standard Specifications to read:

"TABLE 1 - MINIMUM ROLLER REQUIREMENTS FOR HMA				
	Breakdown Roller (one of the following)	Intermediate Roller	Final Roller (one or more of the following)	Density Requirement
Binder and Surface 1/	V_D, P 3/, T_B, 3W, O_T, O_B	P 3/, O_T, O_B	V_S, T_B, T_F, O_T	As specified in Articles: 1030.05(d)(3), (d)(4), and (d)(7).
IL-4.75 and SMA 4/ 5/	T_B, 3W, O_T	- -	T_F, 3W, O_T	
Bridge Decks 2/	T_B	- -	T_F	As specified in Articles 582.05 and 582.06.

3/ A vibratory roller (V_D) or oscillatory roller (O_T or O_B) may be used in lieu of the pneumatic-tired roller on mixtures containing polymer modified asphalt binder."

Add the following to EQUIPMENT DEFINITION in Article 406.07(a) contained in the Errata of the Supplemental Specifications:

" O_T - Oscillatory roller, tangential impact mode. Maximum speed is 3.0 mph (4.8 km/h) or 264 ft/min (80 m/min).

O_B - Oscillatory roller, tangential and vertical impact mode, operated at a speed to produce not less than 10 vertical impacts/ft (30 impacts/m)."

Delete last sentence of the second paragraph of Article 1102.01(a) (4) b. 2.

Add to the end of Article 1102.01 (a) (4) b. 2.:

"As an option, collected dust (baghouse) may be used in lieu of manufactured mineral filler according to the following:

(a.) Sufficient collected dust (baghouse) is available for production of the SMA mix for the entire project.

(b.) A mix design was prepared based on collected dust (baghouse).

Revise Article 1030.04 (d) of the Standard Specifications to read:

"(d) Verification Testing. High ESAL, IL-4.75, and SMA mix designs submitted for verification will be tested to ensure that the resulting mix designs will pass the required criteria for the Hamburg Wheel Test (IL mod AASHTO T-324) and the Tensile Strength Test (IL mod AASHTO T-283). The Department will perform a verification test on gyratory specimens compacted by the Contractor. If the mix fails the Department's verification test, the Contractor shall make the necessary changes to the mix and resubmit compacted specimens to the Department for verification. If the mix fails again, the mix design will be rejected.

All new mix designs will be required to be tested, prior to submittal for Department verification and shall meet the following requirements:

(1)Hamburg Wheel Test criteria. The maximum allowable rut depth shall be 0.5 in. (12.5 mm). The minimum number of wheel passes at the 0.5 in. (12.5 mm) rut depth criteria shall be based on the high temperature binder grade of the mix as specified in the mix requirements table of the plans.

Illinois Modified AASHTO T 324 Requirements 1/

Asphalt Binder Grade	# Repetitions	Max Rut Depth (mm)
PG 70 -XX (or higher)	20,000	12.5
PG 64 -XX (or lower)	10,000	12.5

1/ When produced at temperatures of 275 ± 5 °F (135 ± 3 °C) or less, loose Warm Mix Asphalt shall be oven aged at 270 ± 5 °F (132 ± 3 °C) for two hours prior to gyratory compaction of Hamburg Wheel specimens.

Note: For SMA Designs (N-80) the maximum rut depth is 6.0 mm at 20,000 repetitions.
For IL 4.75mm Designs (N-50) the maximum rut depth is 9.0mm at 15,000 repetitions.

(2) Tensile Strength Criteria. The minimum allowable conditioned tensile strength shall be 60 psi (415 kPa) for non-polymer modified performance graded (PG) asphalt binder and 80 psi (550 kPa) for polymer modified PG asphalt binder. The maximum allowable unconditioned tensile strength shall be 200 psi (1380 kPa)."

Production Testing. Revise first paragraph of Article 1030.06(a) of the Standard Specifications to read:

"(a) High ESAL, IL-4.75, WMA, and SMA Mixtures. For each contract, a 300 ton (275 metric tons) test strip, except for SMA mixtures it will be 400 ton (363 metric ton), will be required at the beginning of HMA production for each mixture at the beginning of each construction year according to the Manual of Test Procedures for Materials "Hot Mix Asphalt Test Strip Procedures". At the request of the Producer, the Engineer may waive the test strip if previous construction during the current construction year has demonstrated the constructability of the mix using Department test results."

Add the following after the sixth paragraph in Article 1030.06 (a) of the Standard Specifications:

"The Hamburg Wheel test shall also be conducted on all HMA mixtures from a sample taken within the first 500 tons (450 metric tons) on the first day of production or during start up with a split reserved for the Department. The mix sample shall be tested according to the Illinois Modified AASHTO T 324 and shall meet the requirements specified herein. Mix production shall not exceed 1500 tons (1350 metric tons) or one day's production, whichever comes first, until the testing is completed and the mixture is found to be in conformance. The requirement to cease mix production may be waived if the plant produced mixture demonstrates conformance prior to start of mix production for a contract.
If the mixture fails to meet the Hamburg Wheel criteria, no further mixture will be accepted until the Contractor takes such action as is necessary to furnish a mixture meeting the criteria"

Method of Measurement:

Add the following after the fourth paragraph of Article 406.13 (b):

"The plan quantities of SMA mixtures shall be adjusted using the actual approved binder and surface Mix Design's G_{mb}."

Basis of Payment. Replace the second through the fifth paragraphs of Article 406.14 with the following:

" HMA binder and surface courses will be paid for at the contract unit price per ton (metric ton) for MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS; HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), of the Ndesign specified; HOT-MIX ASPHALT BINDER COURSE, of the mixture composition and Ndesign specified; HOT-MIX ASPHALT SURFACE COURSE, of the mixture composition, friction aggregate, and Ndesign specified; POLYMERIZED HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), of the Ndesign specified; POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, of the mixture composition and Ndesign specified; POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, of the mixture composition, friction aggregate, and Ndesign specified; POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, of the mixture composition and Ndesign specified; POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, of the mixture composition, friction aggregate, and Ndesign specified."

5. HMA Mixture Design Requirements (D-1)

Effective: January 1, 2013
Revised: January 1, 2018

1) Design Composition and Volumetric Requirements

Revise the table in Article 406.06(d) of the Standard Specifications to read:

"MINIMUM COMPACTED LIFT THICKNESS	
Mixture Composition	Thickness, in. (mm)
IL-4.75	3/4 (19)
SMA-9.5, IL-9.5, IL-9.5L	1 1/2 (38)
SMA-12.5	2 (50)
IL-19.0, IL-19.0L	2 1/4 (57)"

Revise the table in Article 1004.03(c) of the Standard Specifications to read:

"Use	Size/Application	Gradation No.
Class A-1, 2, & 3	3/8 in. (10 mm) Seal	CA 16
Class A-1	1/2 in. (13 mm) Seal	CA 15
Class A-2 & 3	Cover	CA 14
HMA High ESAL	IL-19.0	CA 11 1/
	IL-9.5	CA 16, CA 13 3/
HMA Low ESAL	IL-19.0L	CA 11 1/
	IL-9.5L	CA 16
	Stabilized Subbase or Shoulders	
SMA 2/	1/2 in. (12.5mm) Binder & Surface	CA13 3/, CA14 or CA16
	IL 9.5 Surface	CA16, CA 13 3/

1/ CA 16 or CA 13 may be blended with the gradations listed.
2/ The coarse aggregates used shall be capable of being combined with stone sand, slag sand, or steel slag sand meeting the FA/FM 20 gradation and mineral filler to meet the approved mix design and the mix requirements noted herein.
3/ CA 13 shall be 100 percent passing the 1/2 in. (12.5mm) sieve.

Revise Article 1004.03(e) of the Supplemental Specifications to read:

"(e) Absorption. For SMA the coarse aggregate shall also have water absorption ≤ 2.0 percent."

Revise the last paragraph of Article 1102.01 (a) (5) of the Standard Specifications to read:

"IL-4.75 and Stone Matrix Asphalt (SMA) mixtures which contain aggregate having absorptions greater than or equal to 2.0 percent, or which contain steal slag sand, shall have minimum surge bin storage plus haul time of 1.5 hours."

Revise the nomenclature table in Article 1030.01 of the Standard Specifications to read:

"High ESAL	IL-19.0 binder; IL-9.5 surface; IL-4.75; SMA-12.5, SMA-9.5
Low ESAL	IL-19.0L binder; IL-9.5L surface; Stabilized Subbase (HMA) 1/; HMA Shoulders 2/

1/ Uses 19.0L binder mix.

2/ Uses 19.0L for lower lifts and 9.5L for surface lift."

Revise Article 1030.02 of the Standard Specifications and Supplemental Specifications to read:

"1030.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Coarse Aggregate	1004.03
(b) Fine Aggregate	1003.03
(c) RAP Material	1031
(d) Mineral Filler	1011
(e) Hydrated Lime	1012.01
(f) Slaked Quicklime (Note 1)	

(g) Performance Graded Asphalt Binder (Note 2) 1032
(h) Fibers (Note 3)
(i) Warm Mix Asphalt (WMA) Technologies (Note 4)

Note 1. Slaked quicklime shall be according to ASTM C 5.

Note 2. The asphalt binder shall be an SBS PG 76-28 when the SMA is used on a full-depth asphalt pavement and SBS PG 76-22 when used as an overlay, except where modified herein. The asphalt binder shall be an Elvaloy or SBS PG 76-22 for IL-4.75, except where modified herein. The elastic recovery shall be a minimum of 80.

Note 3. A stabilizing additive such as cellulose or mineral fiber shall be added to the SMA mixture according to Illinois Modified AASHTO M 325. The stabilizing additive shall meet the Fiber Quality Requirements listed in Illinois Modified AASHTO M 325. Prior to approval and use of fibers, the Contractor shall submit a notarized certification by the producer of these materials stating they meet these requirements. Reclaimed Asphalt Shingles (RAS) may be used in Stone Matrix Asphalt (SMA) mixtures designed with an SBA polymer modifier as a fiber additive if the mix design with RAS included meets AASHTO T305 requirements. The RAS shall be from a certified source that produces either Type I or Type 2. Material shall meet requirements noted herein and the actual dosage rate will be determined by the Engineer.

Note 4. Warm mix additives or foaming processes shall be selected from the current Bureau of Materials and Physical Research Approved List, "Warm Mix Asphalt Technologies"."

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.

High ESAL, MIXTURE COMPOSITION (% PASSING) 1/										
Sieve Size	IL-19.0 mm		SMA 4/ IL-12.5 mm		SMA 4/ IL-9.5 mm		IL-9.5 mm		IL-4.75 mm	
	min	max	min	max	min	max	min	max	min	max

1 1/2 in (37.5 mm)										
1 in. (25 mm)		100								
3/4 in. (19 mm)	90	100		100						
1/2 in. (12.5 mm)	75	89	80	100		100		100		100
3/8 in. (9.5 mm)				65	90	100	90	100		100
#4 (4.75 mm)	40	60	20	30	36	50	34	69	90	100
#8 (2.36 mm)	20	42	16	24 5/	16	32 5/	34 6/	52 2/	70	90
#16 (1.18 mm)	15	30					10	32	50	65
#30 (600 μm)			12	16	12	18				
#50 (300 μm)	6	15					4	15	15	30
#100 (150 μm)	4	9					3	10	10	18
#200 (75 μm)	3	6	7.0	9.0 3/	7.5	9.5 3/	4	6	7	9 3/
Ratio Dust/Asphalt Binder		1.0		1.5		1.5		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/ Additional minus No. 200 (0.075 mm) material required by the mix design shall be mineral filler, unless otherwise approved by the Engineer.

4/ The maximum percent passing the #635 (20 μm) sieve shall be ≤ 3 percent.

5/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted above the percentage stated on the table.

6/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted below 34 percent.

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

"(1) High ESAL Mixtures. The target value for the air voids of the HMA shall be 4.0 percent and for IL-4.75 it shall be 3.5 percent at the design number of gyrations. The VMA and VFA of the HMA design shall be based on the nominal maximum size of the aggregate in the mix, and shall conform to the following requirements.

VOLUMETRIC REQUIREMENTS High ESAL				
	Voids in the Mineral Aggregate (VMA), % minimum			Voids Filled with Asphalt Binder (VFA), %
Ndesign	IL-19.0	IL-9.5	IL-4.75[1/]	
50	13.5	15.0	18.5	65 – 78 [2/]
70				65 - 75
90				

1/ Maximum Draindown for IL-4.75 shall be 0.3 percent

2/ VFA for IL-4.75 shall be 72-85 percent"

Replace Article 1030.04(b)(3) of the Standard Specifications with the following:

"(3) SMA Mixtures.

Volumetric Requirements SMA [1/]			
Ndesign	Design Air Voids Target %	Voids in the Mineral Aggregate (VMA), % min.	Voids Filled with Asphalt (VFA), %
80 [4/]	3.5	17.0 [2/] 16.0 [3/]	75 - 83

1/ Maximum draindown shall be 0.3 percent. The draindown shall be determined at the JMF asphalt binder content at the mixing temperature plus 30 °F.

2/ Applies when specific gravity of coarse aggregate is ≥ 2.760.

3/ Applies when specific gravity of coarse aggregate is < 2.760.

4/ Blending of different types of aggregate will not be permitted.
For surface course, the coarse aggregate can be crushed steel slag, crystalline crushed stone or crushed sandstone. For binder course, coarse aggregate shall be crushed stone (dolomite), crushed gravel, crystalline crushed stone, or crushed sandstone.

Add to the end of Article 1030.05 (d) (2) a. of the Standard Specifications:

"During production, the Contractor shall test SMA mixtures for draindown according to AASHTO T305 at a frequency of 1 per day of production."

Delete last sentence of the second paragraph of Article 1102.01(a) (4) b. 2.

Add to the end of Article 1102.01 (a) (4) b. 2.:

"As an option, collected dust (baghouse) may be used in lieu of manufactured mineral filler according to the following:

(a.) Sufficient collected dust (baghouse) is available for production of the SMA mix for the entire project.

(b.) A mix design was prepared based on collected dust (baghouse).

2) Design Verification and Production

Revise Article 1030.04 (d) of the Standard Specifications to read:

"(d) Verification Testing. High ESAL, IL-4.75, and SMA mix designs submitted for verification will be tested to ensure that the resulting mix designs will pass the required criteria for the Hamburg Wheel Test (IL mod AASHTO T-324) and the Tensile Strength Test (IL mod AASHTO T-283). The Department will perform a verification test on gyratory specimens compacted by the Contractor. If the mix fails the Department's verification test, the Contractor shall make the necessary changes to the mix and resubmit compacted specimens to the Department for verification. If the mix fails again, the mix design will be rejected.

All new and renewal mix designs will be required to be tested, prior to submittal for Department verification and shall meet the following requirements:

(1)Hamburg Wheel Test criteria. The maximum allowable rut depth shall be 0.5 in. (12.5 mm). The minimum number of wheel passes at the 0.5 in. (12.5 mm) rut depth criteria shall be based on the high temperature binder grade of the mix as specified in the mix requirements table of the plans.

Illinois Modified AASHTO T 324 Requirements 1/

Asphalt Binder Grade	# Repetitions	Max Rut Depth (mm)
PG 70 -XX (or higher)	20,000	12.5
PG 64 -XX (or lower)	10,000	12.5

1/ When produced at temperatures of 275 ± 5 °F (135 ± 3 °C) or less, loose Warm Mix Asphalt shall be oven aged at 270 ± 5 °F (132 ± 3 °C) for two hours prior to gyratory compaction of Hamburg Wheel specimens.

Note: For SMA Designs (N-80) the maximum rut depth is 6.0 mm at 20,000 repetitions.
For IL 4.75mm Designs (N-50) the maximum rut depth is 9.0mm at 15,000 repetitions.

(2) Tensile Strength Criteria. The minimum allowable conditioned tensile strength shall be 60 psi (415 kPa) for non-polymer modified performance graded (PG) asphalt binder and 80 psi (550 kPa) for polymer modified PG asphalt binder. The maximum allowable unconditioned tensile strength shall be 200 psi (1380 kPa)."

Production Testing. Revise first paragraph of Article 1030.06(a) of the Standard Specifications to read:

"(a) High ESAL, IL-4.75, WMA, and SMA Mixtures. For each contract, a 300 ton (275 metric tons) test strip, except for SMA mixtures it will be 400 ton (363 metric ton), will be required at the beginning of HMA production for each mixture at the beginning of each construction year according to the Manual of Test Procedures for Materials "Hot Mix Asphalt Test Strip Procedures". At the request of the Producer, the Engineer may waive the test strip if previous construction during the current construction year has demonstrated the constructability of the mix using Department test results."

Add the following after the sixth paragraph in Article 1030.06 (a) of the Standard Specifications:

"The Hamburg Wheel test shall also be conducted on all HMA mixtures from a sample taken within the first 500 tons (450 metric tons) on the first day of production or during start up with a split reserved for the Department. The mix sample shall be tested according to the Illinois Modified AASHTO T 324 and shall meet the requirements specified herein. Mix production shall not exceed 1500 tons (1350 metric tons) or one day's production, whichever comes first, until the testing is completed and the mixture is found to be in conformance. The requirement to cease mix production may be waived if the plant produced mixture demonstrates conformance prior to start of mix production for a contract.
If the mixture fails to meet the Hamburg Wheel criteria, no further mixture will be accepted until the Contractor takes such action as is necessary to furnish a mixture meeting the criteria"

Method of Measurement:

Add the following after the fourth paragraph of Article 406.13 (b):

"The plan quantities of SMA mixtures shall be adjusted using the actual approved binder and surface Mix Design's G_{mb}."

Basis of Payment.

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

"Stone matrix asphalt will be paid for at the contract unit price per ton (metric ton) for POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, of the mixture composition and Ndesign specified; and POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, of the mixture composition and Ndesign specified."

6. Reclaimed Asphalt Pavement and Reclaimed Asphalt Shingles (D-1)

Effective: November 1, 2012
Revise: November 1, 2019

Revise Section 1031 of the Standard Specifications to read:

"SECTION 1031. RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES

1031.01 Description. Reclaimed asphalt pavement and reclaimed asphalt shingles shall be according to the following.

(a) Reclaimed Asphalt Pavement (RAP). RAP is the material resulting from cold milling or crushing an existing hot-mix asphalt (HMA) pavement. RAP will be considered processed FRAP after completion of both crushing and screening to size. The Contractor shall supply written documentation that the RAP originated from routes or airfields under federal, state, or local agency jurisdiction.

(b) Reclaimed Asphalt Shingles (RAS). Reclaimed asphalt shingles (RAS). RAS is from the processing and grinding of preconsumer or post-consumer shingles. RAS shall be a clean and uniform material with a maximum of 0.5 percent unacceptable material, as defined in Central Bureau of Materials Policy Memorandum, "Reclaimed Asphalt Shingle (RAS) Sources", by weight of RAS. All RAS used shall come from a Central Bureau of Materials approved processing facility where it shall be ground and processed to 100 percent passing the 3/8 in. (9.5 mm) sieve and 90 percent passing the #4 (4.75 mm) sieve. RAS shall meet the testing requirements specified herein. In addition, RAS shall meet the following Type 1 or Type 2 requirements.

(1) Type 1. Type 1 RAS shall be processed, preconsumer asphalt shingles salvaged from the manufacture of residential asphalt roofing shingles.

(2) Type 2. Type 2 RAS shall be processed post-consumer shingles only, salvaged from residential, or four unit or less dwellings not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

1031.02 Stockpiles. RAP and RAS stockpiles shall be according to the following.

(a) RAP Stockpiles. The Contractor shall construct individual, sealed RAP stockpiles meeting one of the following definitions. Additional processed RAP (FRAP) shall be stockpiled in a separate working pile, as designated in the QC Plan, and only added to the sealed stockpile when test results for the working pile are complete and are found to meet tolerances specified herein for the original sealed FRAP stockpile. Stockpiles shall be sufficiently separated to prevent intermingling at the base. All stockpiles (including unprocessed RAP and FRAP) shall be identified by signs indicating the type as listed below (i.e. "Non- Quality, FRAP -#4 or Type 2 RAS", etc…).

(1) Fractionated RAP (FRAP). FRAP shall consist of RAP from Class I, HMA (High and Low ESAL) or equivalent mixtures. The coarse aggregate in FRAP shall be crushed aggregate and may represent more than one aggregate type and/or quality, but shall be at least C quality. All FRAP shall be processed prior to testing and sized into fractions with the separation occurring on or between the #4 (4.75 mm) and 1/2 in. (12.5 mm) sieves. Agglomerations shall be minimized such that 100 percent of the RAP in the coarse fraction shall pass the maximum sieve size specified for the mixture composition of the mix design.

(2) Restricted FRAP (B quality) stockpiles shall consist of RAP from Class I, HMA (High ESAL), or HMA (High ESAL). If approved by the Engineer, the aggregate from a maximum 3.0 in. (75 mm) single combined pass of surface/binder milling will be classified as B quality. All millings from this application will be processed into FRAP as described previously.

(3) Conglomerate. Conglomerate RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) or equivalent mixtures. The coarse aggregate in this RAP shall be crushed aggregate and may represent more than one aggregate type and/or quality, but shall be at least C quality. This RAP may have an inconsistent gradation and/or asphalt binder content prior to processing. All conglomerate RAP shall be processed (FRAP) prior to testing. Conglomerate RAP stockpiles shall not contain steel slag or other expansive material as determined by the Department.

(4) Conglomerate "D" Quality (DQ). Conglomerate DQ RAP stockpiles shall consist of RAP from HMA shoulders, bituminous stabilized subbases or HMA (Low ESAL)/HMA (Low ESAL) IL-19.0L binder mixture. The coarse aggregate in this RAP may be crushed or round but shall be at least D quality. This RAP may have an inconsistent gradation and/or asphalt binder content. Conglomerate DQ RAP stockpiles shall not contain steel slag or other expansive material as determined by the Department.

(5) Non-Quality. RAP stockpiles that do not meet the requirements of the stockpile categories listed above shall be classified as "Non-Quality".

RAP or FRAP containing contaminants, such as earth, brick, sand, concrete, sheet asphalt, bituminous surface treatment (i.e. chip seal), pavement fabric, joint sealants, plant cleanout etc., will be unacceptable unless the contaminants are removed to the satisfaction of the Engineer. Sheet asphalt shall be stockpiled separately.

(b) RAS Stockpiles. Type 1 and Type 2 RAS shall be stockpiled separately and shall be sufficiently separated to prevent intermingling at the base. Each stockpile shall be signed indicating what type of RAS is present.

However, a RAS source may submit a written request to the Department for approval to blend mechanically a specified ratio of Type 1 RAS with Type 2 RAS. The source will not be permitted to change the ratio of the blend without the Department prior written approval. The Engineer's written approval will be required, to mechanically blend RAS with any fine aggregate produced under the AGCS, up to an equal weight of RAS, to improve workability. The fine aggregate shall be "B Quality" or better from an approved Aggregate Gradation Control System source. The fine aggregate shall be one that is approved for use in the HMA mixture and accounted for in the mix design and during HMA production.

Records identifying the shingle processing facility supplying the RAS, RAS type, and lot number shall be maintained by project contract number and kept for a minimum of three years.

1031.03 Testing. FRAP and RAS testing shall be according to the following.

(a) FRAP Testing. When used in HMA, the FRAP shall be sampled and tested either during processing or after stockpiling. It shall also be sampled during HMA production.

(1) During Stockpiling. For testing during stockpiling, washed extraction samples shall be run at the minimum frequency of one sample per 500 tons (450 metric tons) for the first 2000 tons (1800 metric tons) and one sample per 2000 tons (1800 metric tons) thereafter. A minimum of five tests shall be required for stockpiles less than 4000 tons (3600 metric tons).

(2) Incoming Material. For testing as incoming material, washed extraction samples shall be run at a minimum frequency of one sample per 2000 tons (1800 metric tons) or once per week, whichever comes first.

(3) After Stockpiling. For testing after stockpiling, the Contractor shall submit a plan for approval to the District proposing a satisfactory method of sampling and testing the RAP/FRAP pile either in-situ or by restockpiling. The sampling plan shall meet the minimum frequency required above and detail the procedure used to obtain representative samples throughout the pile for testing.

Before extraction, each field sample of FRAP, shall be split to obtain two samples of test sample size. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall extract the other test sample according to Department procedure. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

(b) RAS Testing. RAS shall be sampled and tested during stockpiling according to Central Bureau of Materials Policy Memorandum, "Reclaimed Asphalt Shingle (RAS) Sources". The Contractor shall also sample as incoming material at the HMA plant.

(1) During Stockpiling. Washed extraction and testing for unacceptable materials shall be run at the minimum frequency of one sample per 200 tons (180 metric tons) for the first 1000 tons (900 metric tons) and one sample per 1000 tons (900 metric tons) thereafter.

A minimum of five samples are required for stockpiles less than 1000 tons (900 metric tons). Once a ≤ 1000 ton (900 metric ton), five-sample/test stockpile has been established it shall be sealed. Additional incoming RAS shall be in a separate working pile as designated in the Quality Control plan and only added to the sealed stockpile when the test results of the working pile are complete and are found to meet the tolerances specified herein for the original sealed RAS stockpile.

(2) Incoming Material. For testing as incoming material at the HMA plant, washed extraction shall be run at the minimum frequency of one sample per 250 tons (227 metric tons). A minimum of five samples are required for stockpiles less than 1000 tons (900 metric tons). The incoming material test results shall meet the tolerances specified herein.

The Contractor shall obtain and make available all test results from start of the initial stockpile sampled and tested at the shingle processing facility in accordance with the facility's QC Plan.

Before extraction, each field sample shall be split to obtain two samples of test sample size. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall extract the other test sample according to Department procedures. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

1031.04 Evaluation of Tests. Evaluation of test results shall be according to the following.

(a) Evaluation of FRAP Test Results. All test results shall be compiled to include asphalt binder content, gradation and, when applicable (for slag), G_{mm}. A five test average of results from the original pile will be used in the mix designs. Individual extraction test results run thereafter, shall be compared to the average used for the mix design, and will be accepted if within the tolerances listed below.

Parameter	FRAP
No. 4 (4.75 mm)	± 6 %
No. 8 (2.36 mm)	± 5 %
No. 30 (600 μm)	± 5 %
No. 200 (75 μm)	± 2.0 %
Asphalt Binder	± 0.3 %
G_{mm}	± 0.03 1/

1/ For stockpile with slag or steel slag present as determined in the current Manual of Test Procedures Appendix B 21, "Determination of Reclaimed Asphalt Pavement Aggregate Bulk Specific Gravity".

If any individual sieve and/or asphalt binder content tests are out of the above tolerances when compared to the average used for the mix design, the FRAP stockpile shall not be used in Hot-Mix Asphalt unless the FRAP representing those tests is removed from the stockpile. All test data and acceptance ranges shall be sent to the District for evaluation.

The Contractor shall maintain a representative moving average of five tests to be used for Hot-Mix Asphalt production.

With the approval of the Engineer, the ignition oven may be substituted for extractions according to the ITP, "Calibration of the Ignition Oven for the Purpose of Characterizing Reclaimed Asphalt Pavement (RAP)" or Illinois Modified AASHTO T-164-11, Test Method A.

(b) Evaluation of RAS Test Results. All of the test results, with the exception of percent unacceptable materials, shall be compiled and averaged for asphalt binder content and gradation. A five test average of results from the original pile will be used in the mix designs. Individual test results run thereafter, when compared to the average used for the mix design, will be accepted if within the tolerances listed below.

Parameter	RAS
No. 8 (2.36 mm)	± 5 %
No. 16 (1.18 mm)	± 5 %
No. 30 (600 μm)	± 4 %
No. 200 (75 μm)	± 2.5 %
Asphalt Binder Content	± 2.0 %

If any individual sieve and/or asphalt binder content tests are out of the above tolerances when compared to the average used for the mix design, the RAS shall not be used in Hot-Mix Asphalt unless the RAS representing those tests is removed from the stockpile. All test data and acceptance ranges shall be sent to the District for evaluation.

(c) Quality Assurance by the Engineer. The Engineer may witness the sampling and splitting conduct assurance tests on split samples taken by the Contractor for quality control testing a minimum of once a month.

The overall testing frequency will be performed over the entire range of Contractor samples for asphalt binder content and gradation. The Engineer may select any or all split samples for assurance testing. The test results will be made available to the Contractor as soon as they become available.

The Engineer will notify the Contractor of observed deficiencies.

Differences between the Contractor's and the Engineer's split sample test results will be considered acceptable if within the following limits.

Test Parameter	Acceptable Limits of Precision	
% Passing:1/	FRAP	RAS
1/2 in.	5.0%	
No. 4	5.0%	
No. 8	3.0%	4.0%
No. 30	2.0%	4.0%
No. 200	2.2%	4.0%
Asphalt Binder Content	0.3%	3.0%
G_{mm}	0.030	

1/ Based on washed extraction.

In the event comparisons are outside the above acceptable limits of precision, the Engineer will immediately investigate.

(d) Acceptance by the Engineer. Acceptable of the material will be based on the validation of the Contractor's quality control by the assurance process.

1031.05 Quality Designation of Aggregate in RAP and FRAP.

(a) RAP. The aggregate quality of the RAP for homogeneous, conglomerate, and conglomerate "D" quality stockpiles shall be set by the lowest quality of coarse aggregate in the RAP stockpile and are designated as follows.

(1) RAP from Class I, HMA (High ESAL), or (Low ESAL) IL-9.5L surface mixtures are designated as containing Class B quality coarse aggregate.

(2) RAP from HMA (Low ESAL) IL-19.0L binder mixture is designated as Class D quality coarse aggregate.

(3) RAP from Class I, HMA (High ESAL) binder mixtures, bituminous base course mixtures, and bituminous base course widening mixtures are designated as containing Class C quality coarse aggregate.

(4) RAP from bituminous stabilized subbase and BAM shoulders are designated as containing Class D quality coarse aggregate.

(b) FRAP. If the Engineer has documentation of the quality of the FRAP aggregate, the Contractor shall use the assigned quality provided by the Engineer.

If the quality is not known, the quality shall be determined as follows. Fractionated RAP stockpiles containing plus #4 (4.75 mm) sieve coarse aggregate shall have a maximum tonnage of 5,000 tons (4,500 metric tons). The Contractor shall obtain a representative sample witnessed by the Engineer. The sample shall be a minimum of 50 lb (25 kg). The sample shall be extracted according to Illinois Modified

AASHTO T 164 by a consultant laboratory prequalified by the Department for the specified testing. The consultant laboratory shall submit the test results along with the recovered aggregate to the District Office. The cost for this testing shall be paid by the Contractor. The District will forward the sample to the Central Bureau of Materials Aggregate Lab for MicroDeval Testing, according to ITP 327. A maximum loss of 15.0 percent will be applied for all HMA applications. The fine aggregate portion of the fractionated RAP shall not be used in any HMA mixtures that require a minimum of "B" quality aggregate or better, until the coarse aggregate fraction has been determined to be acceptable thru a MicroDeval Testing.

1031.06 Use of FRAP and/or RAS in HMA. The use of FRAP and/or RAS shall be the Contractor's option when constructing HMA in all contracts.

(a) FRAP. The use of FRAP in HMA shall be as follows.

(1) Coarse Aggregate Size (after extraction). The coarse aggregate in all FRAP shall be equal to or less than the nominal maximum size requirement for the HMA mixture to be produced.

(2) Steel Slag Stockpiles. FRAP stockpiles containing steel slag or other expansive material, as determined by the Department, shall be homogeneous and will be approved for use in HMA (High ESAL and Low ESAL) mixtures regardless of lift or mix type.

(3) Use in HMA Surface Mixtures (High and Low ESAL). FRAP stockpiles for use in HMA surface mixtures (High and Low ESAL) shall have coarse aggregate that is Class B quality or better. FRAP shall be considered equivalent to limestone for frictional considerations unless produced/screened to minus 3/8 inch.

(4) Use in HMA Binder Mixtures (High and Low ESAL), HMA Base Course, and HMA Base Course Widening. FRAP stockpiles for use in HMA binder mixtures (High and Low ESAL), HMA base course, and HMA base course widening shall be FRAP in which the coarse aggregate is Class C quality or better.

(5) Use in Shoulders and Subbase. FRAP stockpiles for use in HMA shoulders and stabilized subbase (HMA) shall be FRAP, Restricted FRAP, conglomerate, or conglomerate DQ.

(b) RAS. RAS meeting Type 1 or Type 2 requirements will be permitted in all HMA applications as specified herein.

(c) FRAP and/or RAS Usage Limits. Type 1 or Type 2 RAS may be used alone or in conjunction with FRAP in HMA mixtures up to a maximum of 5.0 percent by weight of the total mix.

When FRAP is used alone or FRAP is used in conjunction with RAS, the percent of virgin asphalt binder replacement (ABR) shall not exceed the amounts listed below for a given N Design.

Maximum Asphalt Binder Replacement (ABR) for FRAP with RAS Combination

HMA Mixtures [1/ 2/ 4/]	Maximum % ABR		
Ndesign	Binder [5/]	Surface [5/]	Polymer Modified [3/]
30L	50	40	30
50	40	35	30
70	40	30	30
90	40	30	30
SMA			30
IL-4.75			40

1/ For Low ESAL HMA shoulder and stabilized subbase, the percent asphalt binder replacement shall not exceed 50 % of the total asphalt binder in the mixture.

2/ When the binder replacement exceeds 15 % for all mixes, except for SMA and IL-4.75, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 % binder replacement using a virgin

asphalt binder grade of PG64-22 will be reduced to a PG58-28). When constructing full depth HMA and the ABR is less than 15 %, the required virgin asphalt binder grade shall be PG64-28.

3/ When the ABR for SMA or IL-4.75 is 15 % or less, the required virgin asphalt binder shall be SBS PG76-22 and the elastic recovery shall be a minimum of 80. When the ABR for SMA or IL-4.75 exceeds 15%, the virgin asphalt binder grade shall be SBS PG70-28 and the elastic recovery shall be a minimum of 80.

4/ When FRAP or RAS is used alone, the maximum percent asphalt binder replacement designated on the table shall be reduced by 10 %.

5/ When the mix has Illinois Flexibility Index Test (I-FIT) requirements, the maximum percent asphalt binder replacement designated on the table may be increased by 5%.

1031.07 HMA Mix Designs. At the Contractor's option, HMA mixtures may be constructed utilizing FRAP and/or RAS material meeting the detailed requirements specified herein.

(a) FRAP and/or RAS. FRAP and /or RAS mix designs shall be submitted for verification. If additional FRAP or RAS stockpiles are tested and found to be within tolerance, as defined under "Evaluation of Tests" herein, and meet all requirements herein, the additional FRAP or RAS stockpiles may be used in the original design at the percent previously verified.

(b) RAS. Type 1 and Type 2 RAS are not interchangeable in a mix design.

The RAP, FRAP and RAS stone specific gravities (G_{sb}) shall be according to the "Determination of Aggregate Bulk (Dry) Specific Gravity (G_{sb}) of Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)" procedure in the Department's Manual of Test Procedures for Materials.

1031.08 HMA Production. HMA production utilizing FRAP and/or RAS shall be as follows.

A scalping screen, gator, crushing unit, or comparable sizing device approved by the Engineer shall be used in the RAS and FRAP feed system to remove or reduce oversized and agglomerated material.

If during mix production, corrective actions fail to maintain FRAP, RAS or QC/QA test results within control tolerances or the requirements listed herein, the Contractor shall cease production of the mixture containing FRAP or RAS and conduct an investigation that may require a new mix design.

(a) FRAP. The coarse aggregate in all FRAP used shall be equal to or less than the nominal maximum size requirement for the HMA mixture being produced.

(b) RAS. RAS shall be incorporated into the HMA mixture either by a separate weight depletion system or by using the RAP weigh belt. Either feed system shall be interlocked with the aggregate feed or weigh system to maintain correct proportions for all rates of production and batch sizes. The portion of RAS shall be controlled accurately to within ± 0.5 percent of the amount of RAS utilized. When using the weight depletion system, flow indicators or sensing devices shall be provided and interlocked with the plant controls such that the mixture production is halted when RAS flow is interrupted.

(c) HMA Plant Requirements. HMA plants utilizing FRAP and/or RAS shall be capable of automatically recording and printing the following information.

(1) Dryer Drum Plants.

a. Date, month, year, and time to the nearest minute for each print.

b. HMA mix number assigned by the Department.

c. Accumulated weight of dry aggregate (combined or individual) in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).

d. Accumulated dry weight of RAS and FRAP in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).

e. Accumulated mineral filler in revolutions, tons (metric tons), etc. to the nearest 0.1 unit.

f. Accumulated asphalt binder in gallons (liters), tons (metric tons), etc. to the nearest 0.1 unit.

g. Residual asphalt binder in the RAS and FRAP material as a percent of the total mix to the nearest 0.1 percent.

h. Aggregate RAS and FRAP moisture compensators in percent as set on the control panel. (Required when accumulated or individual aggregate and RAS and FRAP are printed in wet condition.)

i. When producing mixtures with FRAP and/or RAS, a positive dust control system shall be utilized.

j. Accumulated mixture tonnage.

k. Dust Removed (accumulated to the nearest 0.1 ton (0.1 metric ton))

(2) Batch Plants.

a. Date, month, year, and time to the nearest minute for each print.

b. HMA mix number assigned by the Department.

c. Individual virgin aggregate hot bin batch weights to the nearest pound (kilogram).

d. Mineral filler weight to the nearest pound (kilogram).

e. RAS and FRAP weight to the nearest pound (kilogram).

f. Virgin asphalt binder weight to the nearest pound (kilogram).

g. Residual asphalt binder in the RAS and FRAP material as a percent of the total mix to the nearest 0.1 percent.

The printouts shall be maintained in a file at the plant for a minimum of one year or as directed by the Engineer and shall be made available upon request. The printing system will be inspected by the Engineer prior to production and verified at the beginning of each construction season thereafter.

1031.09 RAP in Aggregate Surface Course and Aggregate Wedge Shoulders, Type B. The use of RAP in aggregate surface course and aggregate shoulders shall be as follows.

(a) Stockpiles and Testing. RAP stockpiles may be any of those listed in Article 1031.02, except “Non-Quality” and “FRAP”. The testing requirements of Article 1031.03 shall not apply. RAP used shall be according to the current Central Bureau of Materials Policy Memorandum, “Reclaimed Asphalt Pavement (RAP) for Aggregate Applications”.

(b) Gradation. The RAP material shall meet the gradation requirements for CA 6 according to Article 1004.01(c), except the requirements for the minus No. 200 (75 µm) sieve shall not apply. The sample for the RAP material shall be air dried to constant weight prior to being tested for gradation.”

48. Temporary Information Signing

Effective: November 13, 1996
Revised: January 2, 2007

Description.
This work shall consist of furnishing, installing, maintaining, relocating for various states of construction and eventually removing temporary informational signs. Included in this item may be ground mount signs, skid mount signs, truss mount signs, bridge mount signs, and overlay sign panels which cover portions of existing signs.

Materials.
Materials shall be according to the following Articles of Section 1000 - Materials:

	Item	Article/Section
a.)	Sign Base (Notes 1 & 2)	1090
b.)	Sign Face (Note 3)	1091
c.)	Sign Legends	1092
d.)	Sign Supports	1093
e.)	Overlay Panels (Note 4)	1090.02

Note 1. The Contractor may use 5/8 inch (16 mm) instead of 3/4 inch (19 mm) thick plywood.
Note 2. Type A sheeting can be used on the plywood base.
Note 3. All sign faces shall be Type A except all orange signs shall meet the requirements of Article 1106.01.
Note 4. The overlay panels shall be 0.08 inch (2 mm) thick.

GENERAL CONSTRUCTION REQUIRMENTS

Installation.
The sign sizes and legend sizes shall be verified by the Contractor prior to fabrication.

Signs which are placed along the roadway and/or within the construction zone shall be installed according to the requirements of Article 701.14 and Article 720.04. The signs shall be 7 ft (2.1 m) above the near edge of the pavement and shall be a minimum of 2 ft (600 mm) beyond the edge of the paved shoulder. A minimum of two (2) posts shall be used.

The attachment of temporary signs to existing sign structures or sign panels shall be approved by the Engineer. Any damage to the existing signs due to the Contractor's operations shall be repaired or signs replaced, as determined by the Engineer, at the Contractor's expense.

Signs which are placed on overhead bridge structures shall be fastened to the handrail with stainless steel bands. These signs shall rest on the concrete parapet where possible. The Contractor shall furnish mounting details for approval by the Engineer.

Method of Measurement.
This work shall be measured for payment in square feet (square meters) edge to edge (horizontally and vertically).

All hardware, posts or skids, supports, bases for ground mounted signs, connections, which are required for mounting these signs will be included as part of this pay item.

Basis Of Payment.
This work shall be paid for at the contract unit price per square foot (SF) for TEMPORARY INFORMATION SIGNING.

State of Illinois
DEPARTMENT OF TRANSPORTATION
Bureau of Local Roads & Streets

SPECIAL PROVISION FOR FILLING HMA CORE HOLES WITH NON-SHRINK GROUT

Effective: January 1, 2008

All references to Sections and Articles in this Special Provision shall be construed to mean specific Sections and Articles in the Standard Specifications for Road and Bridge Construction adopted by the Department of Transportation.

Add the following after the first paragraph of Article 406.07(c) of the Standard Specifications:

> "Upon completion of coring for density testing, all free water shall be removed from the core holes prior to filling. All core holes shall be filled with a non-shrink grout from the Department's approved list, which shall be mixed in a separate container prior to placement in the hole. Only enough water to permit placement and consolidation by rodding shall be used, and the material shall be struck-off flush with the adjacent pavement."

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5. 424011-04 Corner Parallel Curb Ramps For Sidewalks
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7. 442101-09 Class B Patches
8. 442201-03 Class C and D Patches
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12. 701001-02 Off-Road Operations, 2L, 2W, More Than 15' Away
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30. Example Driveway Closure Notice Letter
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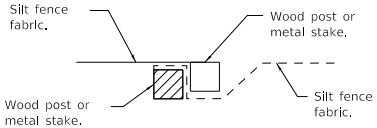
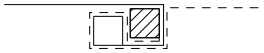
37. Downing Road, Eton Court, & Selwyn Lane IEPA 662
38. Saxon Place & Charles Court IEPA 662
39. Cook County Prevailing Wages
40. Lake County Prevailing Wages



Place end-post (stake) of first silt fence adjacent to end-post (stake) of second silt fence with fabric positioned as swown.

STEP 1

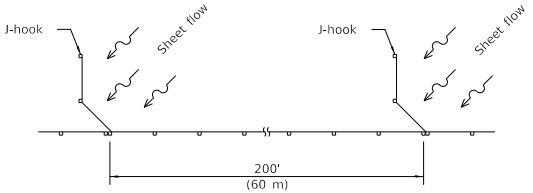


Rotate posts (stakes) together 180° clockwise and drive both posts (stakes) 18 (450) into ground.

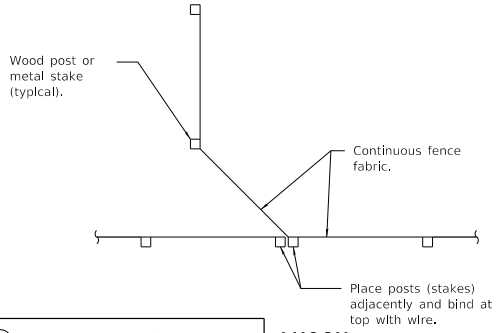
STEP 2

ATTACHING TWO SILT FILTER FENCES

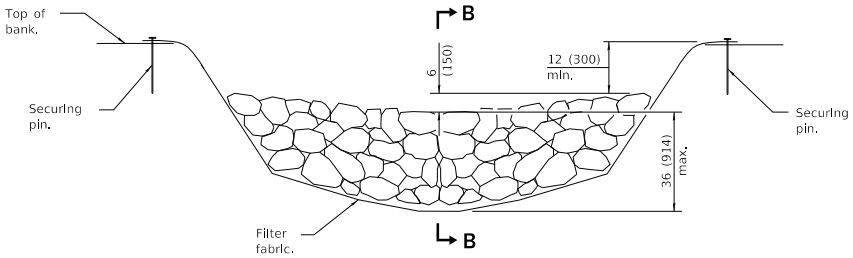
(Not applicable for J-hooks)



SILT FILTER J-HOOK PLACEMENT

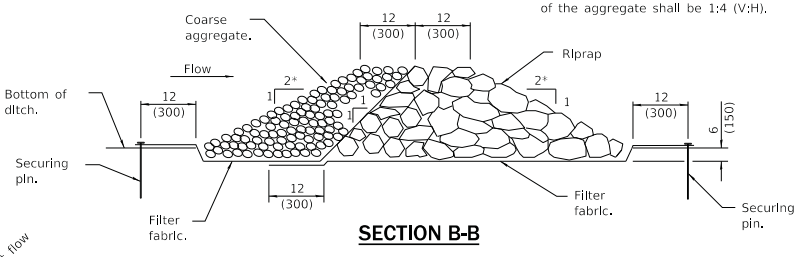


J-HOOK



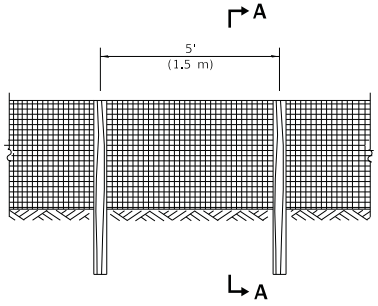
ELEVATION

* When the ditch check is within the clear zone and the road is open to traffic, the traffic approach slope of the aggregate shall be 1:4 (V:H).



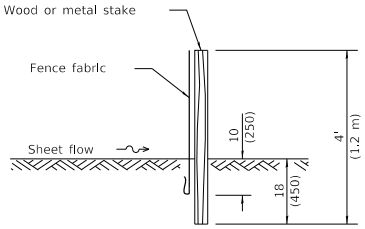
SECTION B-B

AGGREGATE DITCH CHECK

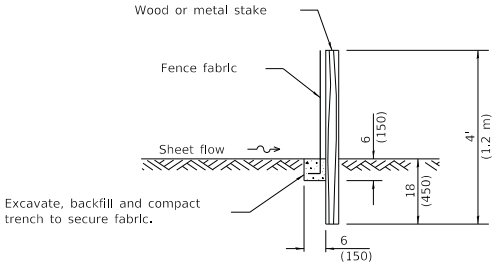


ELEVATION

SILT FILTER FENCE AS A PERIMETER EROSION BARRIER



SLICE METHOD



TRENCH METHOD

SECTION A-A

GENERAL NOTES

The installation details and dimensions shown for perimeter erosion barriers shall also apply for inlet and pipe protection.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2013
Michael Briand
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2013
ENGINEER OF DESIGN AND ENVIRONMENT

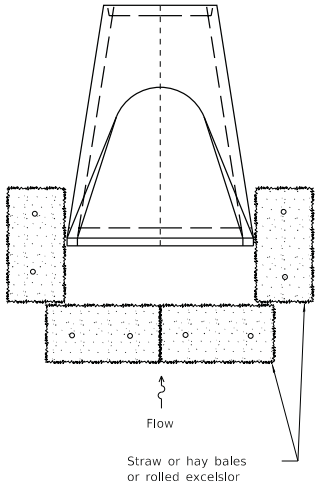
ISSUED 1-1-07

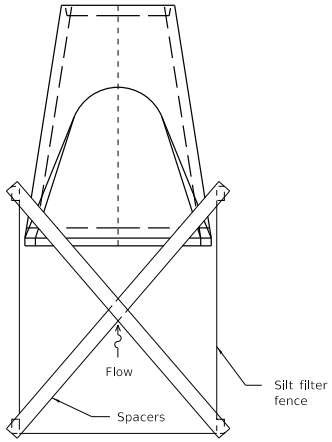
DATE	REVISIONS
1-1-13	Corrected notation for
	flowline ($\mathrm{F_L}$) on SEDIMENT
	BASIN ELEVATION.
1-1-12	Omitted hay/straw perimeter
	barrier. Added SLICE METHOD
	to SECTION A-A.

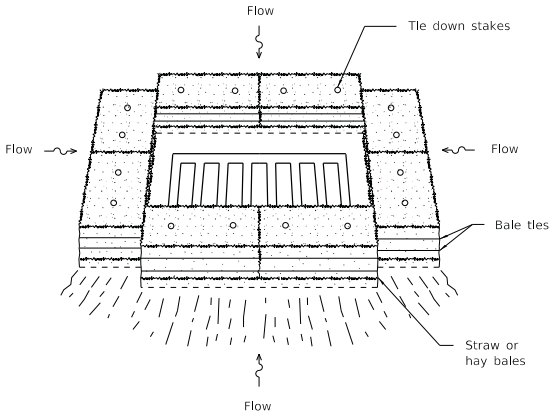
TEMPORARY EROSION CONTROL SYSTEMS

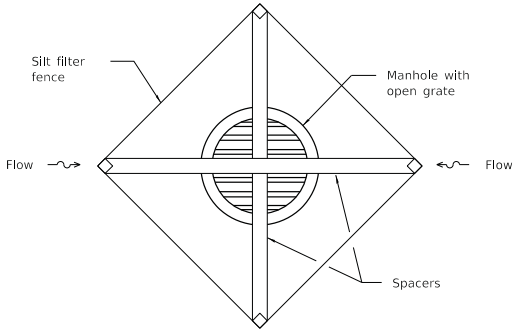
(Sheet 1 of 2)

STANDARD 280001-07

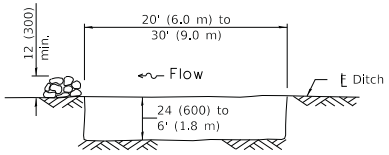






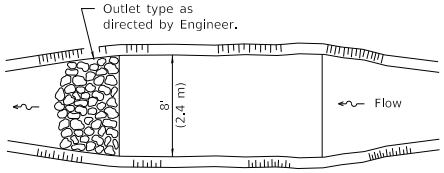


INLET AND PIPE PROTECTION



The performance of the basin will improve if put into a series.

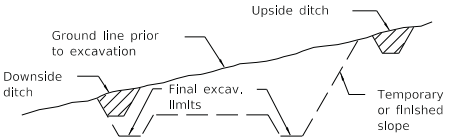
ELEVATION



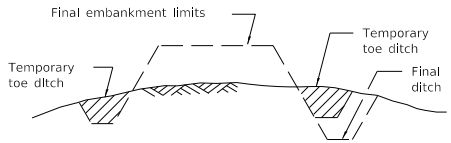
The long dimension should be parallel with the direction of the flow. Accumulated silt shall be removed anytime the basins become 75% filled.

PLAN

SEDIMENT BASIN



TYPICAL CUT CROSS-SECTION



TYPICAL FILL CROSS-SECTION

TEMPORARY DITCHES FOR CUT & FILL SECTIONS

Illinois Department of Transportation

PASSED January 1, 2013
Michael Brand
ENGINEER OF POLICY AND PROCEDURES

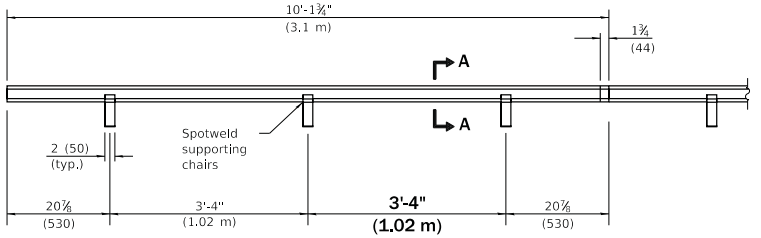
APPROVED January 1, 2013
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

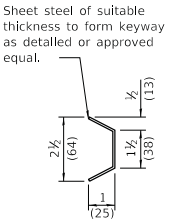
TEMPORARY EROSION CONTROL SYSTEMS

(Sheet 2 of 2)

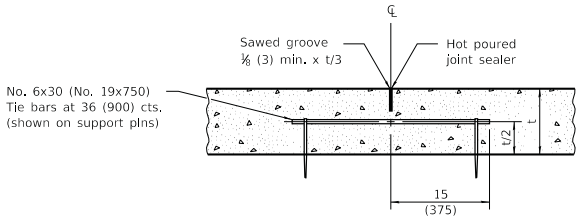
STANDARD 280001-07



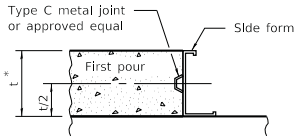
TYPE C METAL JOINT



SECTION A-A

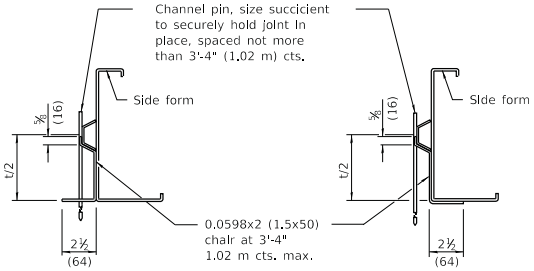


LONGITUDINAL SAWED JOINT



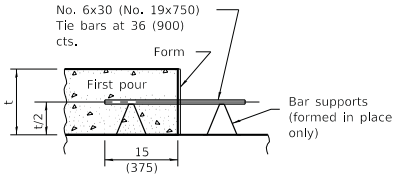
LONGITUDINAL KEYED JOINT

* 8 (203) min. pavement thickness for keyed joints.



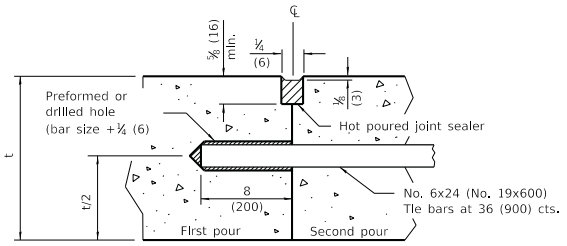
SUPPORTING CHAIR ALTERNATE

SUPPORTING CHAIR ALTERNATE



LONGITUDINAL CONSTRUCTION JOINT

(TIE BAR FORMED IN PLACE OR MECHANICALLY INSERTED)



LONGITUDINAL CONSTRUCTION JOINT

(TIE BAR GROUTED IN PLACE)

GENERAL NOTES

All slope ratlos are expressed as unlts of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2018
Michael Brand
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2018
Maureen M. Beck
ENGINEER OF DESIGN AND ENVIRONMENT

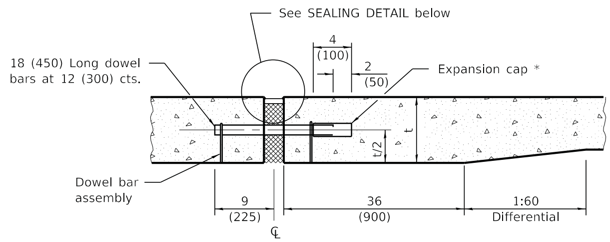
ISSUED 1-1-97

DATE	REVISIONS
1-1-18	Changed tie bar spacing
	to 36 (900) cts. Revised
	DOWEL BAR TABEL.
1-1-08	Switched unlts to
	English (metric).

PAVEMENT JOINTS

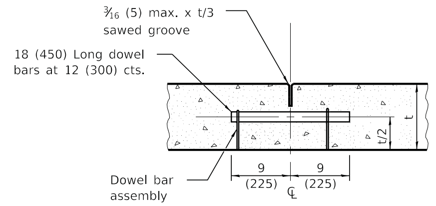
(Sheet 1 of 2)

STANDARD 420001-09

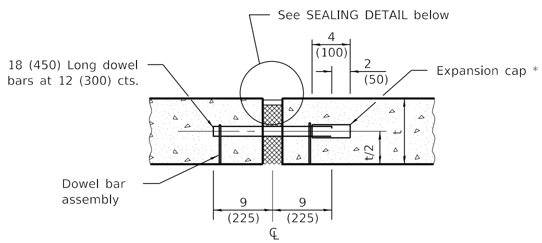


TRANSVERSE EXPANSION JOINT
(FOR PAVEMENTS WITH UNEQUAL THICKNESS)

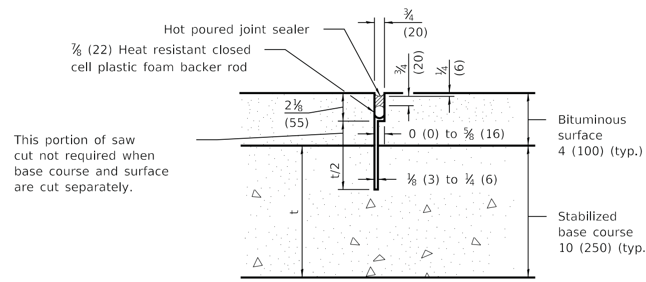
* Expansion caps shall be installed on the exposed end of each dowel bar once the header has been removed and the joint filler material has been installed.



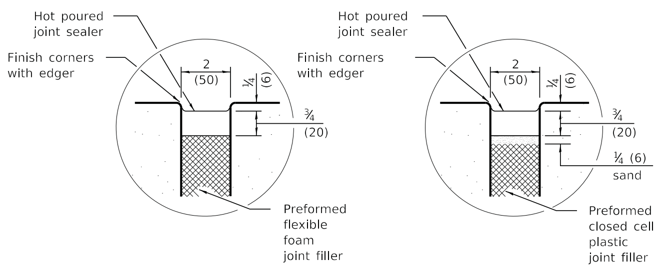
TRANSVERSE CONTRACTION JOINT



TRANSVERSE EXPANSION JOINT
(FOR PAVEMENTS WITH EQUAL THICKNESS)



TRANSVERSE CONTRACTION JOINT
(FOR CAM, CFA AND LFA BASE COURSE MIXTURES)



SEALING DETAIL

DOWEL BAR TABLE	
PAVEMENT THICKNESS	DOWEL BAR DIAMETER
10 (250) or greater	1½ (38)
8 (200) thru 9.99 (249)	1¼ (32)
Less than 8 (200)	1 (25)

Illinois Department of Transportation

PASSED January 1, 2018

ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2018

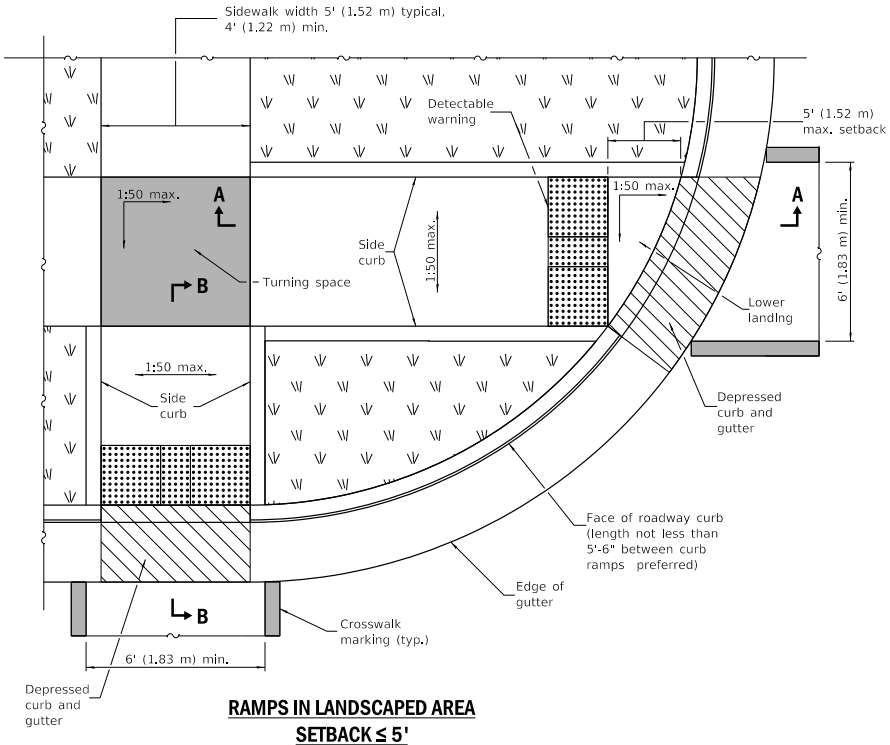
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

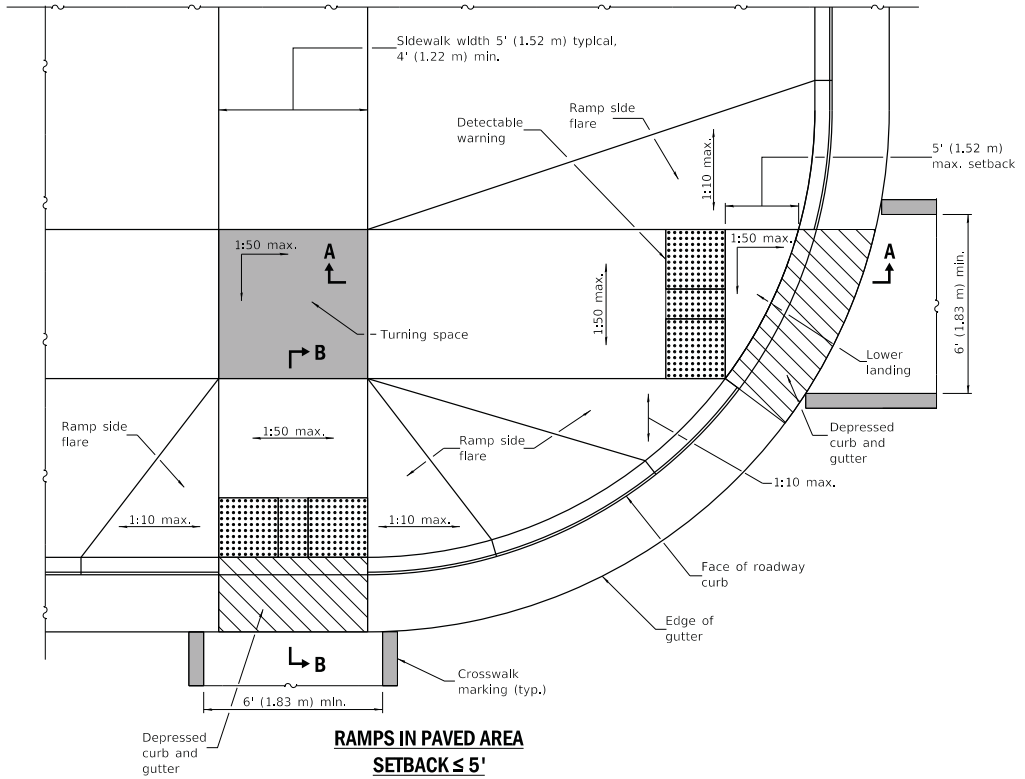
PAVEMENT JOINTS

(Sheet 2 of 2)

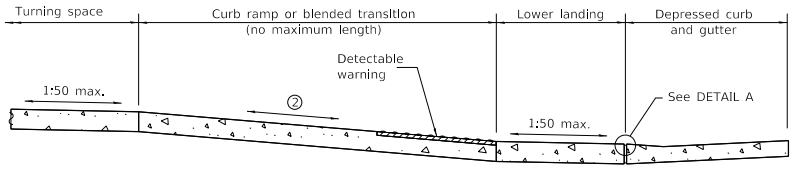
STANDARD 420001-09



RAMPS IN LANDSCAPED AREA
SETBACK ≤ 5'

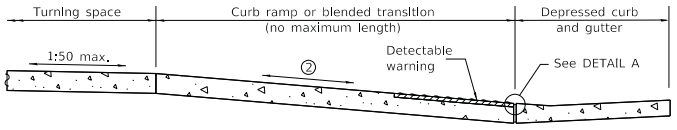


RAMPS IN PAVED AREA
SETBACK ≤ 5'



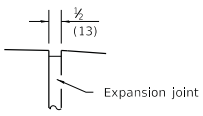
SECTION A-A

② The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.

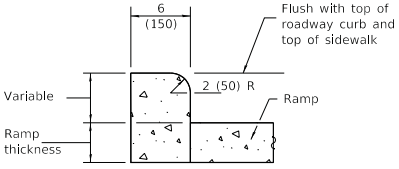


SECTION B-B

② The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.



DETAIL A



SIDE CURB DETAIL

Illinois Department of Transportation

PASSED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

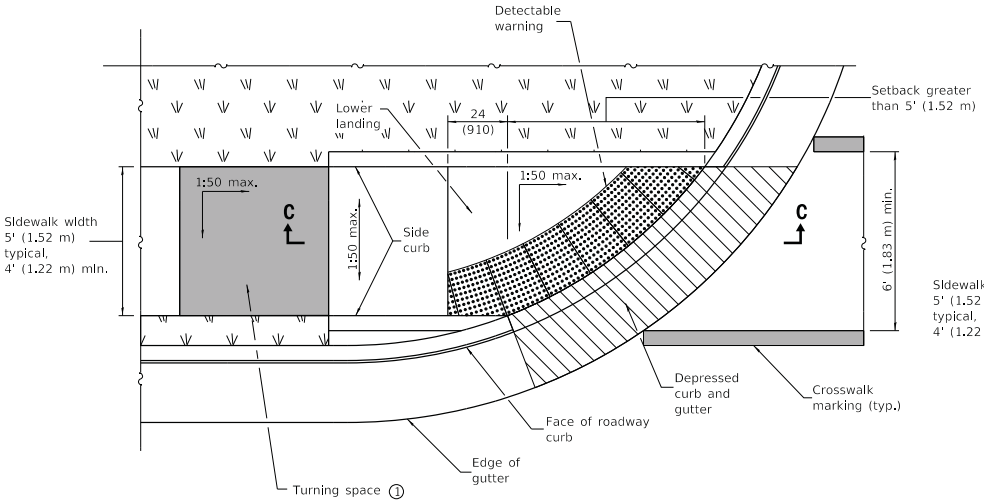
See Sheet 2 for GENERAL NOTES.

DATE	REVISIONS
1-1-19	Removed "15-foot rule", added
	"Blended transitions" and placement
	tolerances for detectable warnings.
1-1-18	Omitted diagonal slope at
	turning spaces and lower
	landings.

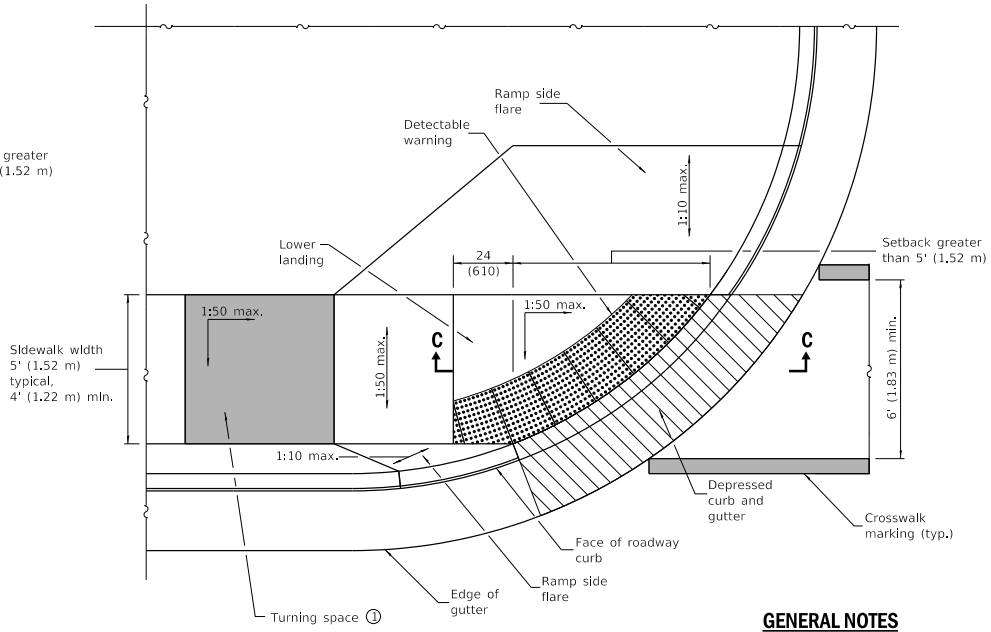
PERPENDICULAR CURB RAMPS FOR SIDEWALKS

(Sheet 1 of 2)

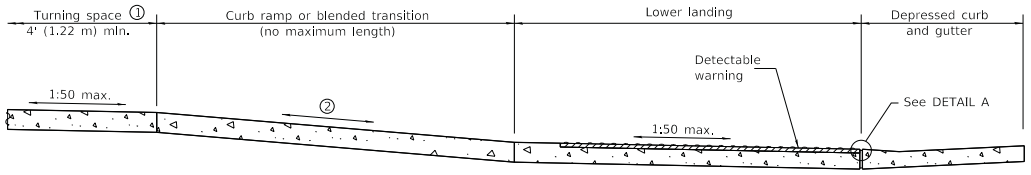
STANDARD 424001-11



RAMP IN LANDSCAPED AREA SETBACK > 5'



RAMP IN PAVED AREA SETBACK > 5'



SECTION C-C

① This turning space not required for blended transitions.

② The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

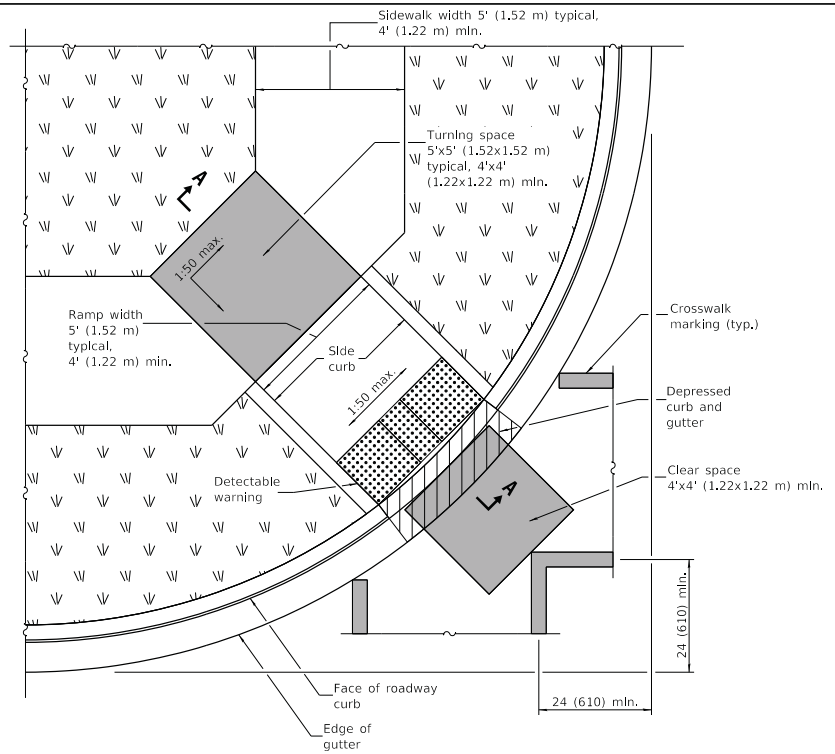
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

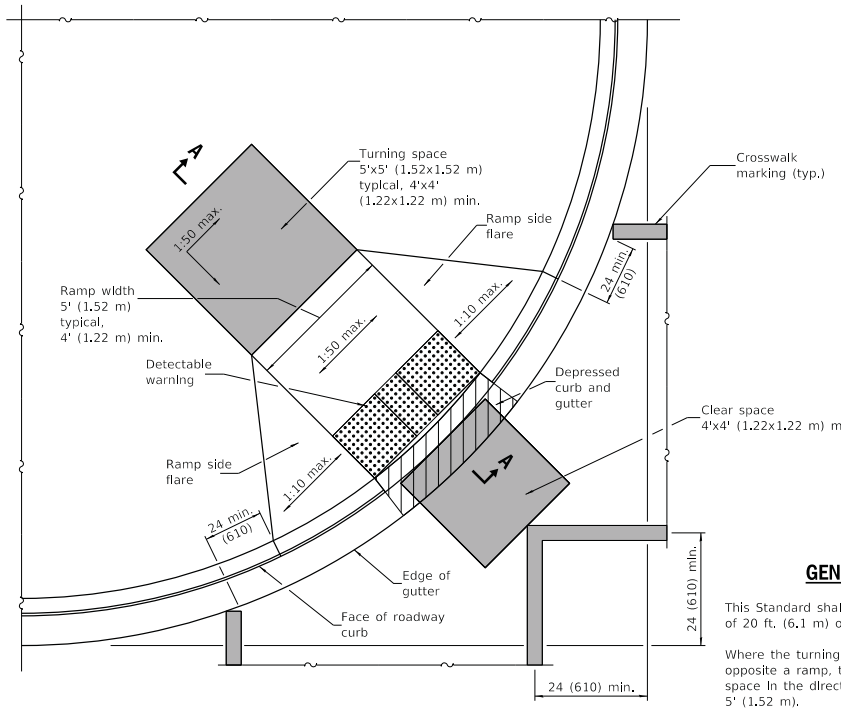
PERPENDICULAR CURB RAMPS FOR SIDEWALKS

(Sheet 2 of 2)

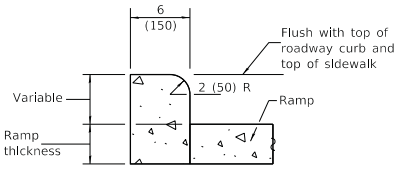
STANDARD 424001-11



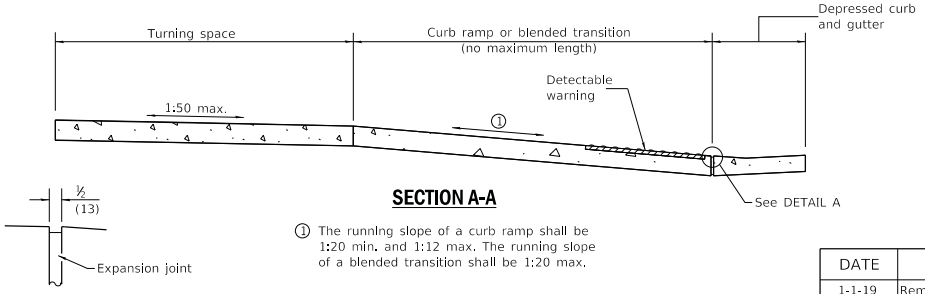
RAMP IN LANDSCAPED AREA



RAMP IN PAVED AREA



SIDE CURB DETAIL



SECTION A-A

DETAIL A

① The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.

GENERAL NOTES

This Standard shall only be used for curb radii of 20 ft. (6.1 m) or greater.

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

See Standard 606001 for details of depressed curb adjacent to curb ramp.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

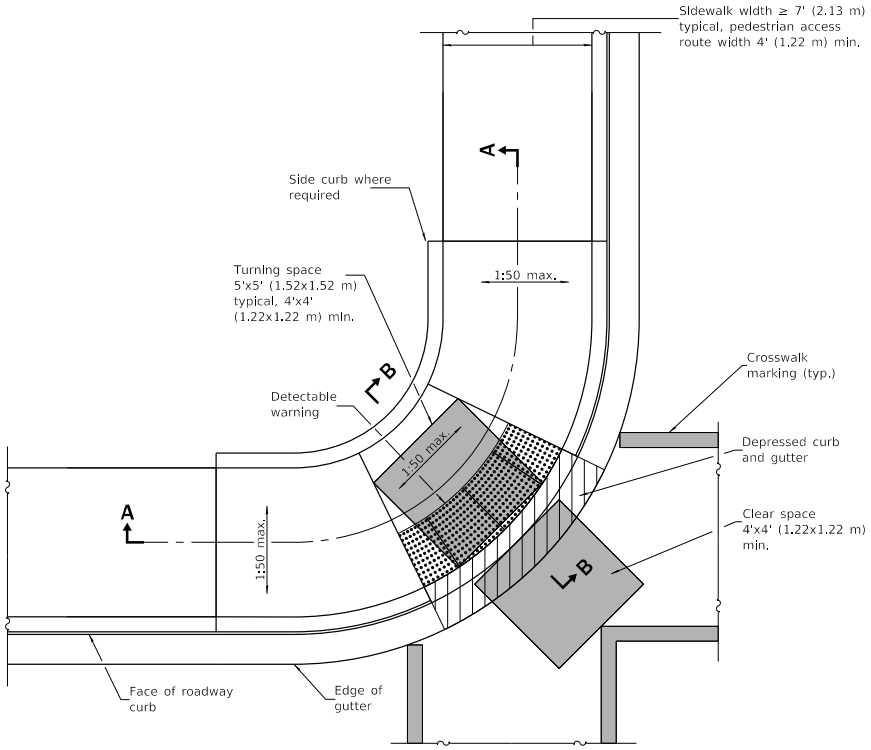
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-12

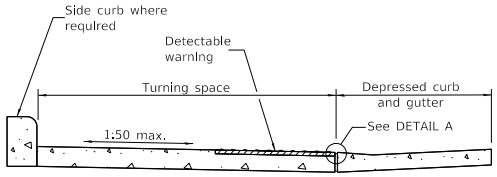
DATE	REVISIONS
1-1-19	Removed "15-foot rule", added
	"blended transitions" and placement
	tolerances for detectable warnings.
1-1-18	Omitted diagonal slope at
	turning spaces.

DIAGONAL CURB RAMPS FOR SIDEWALKS

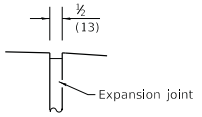
STANDARD 424006-04



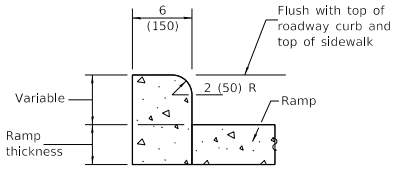
CORNER PARALLEL CURB RAMP



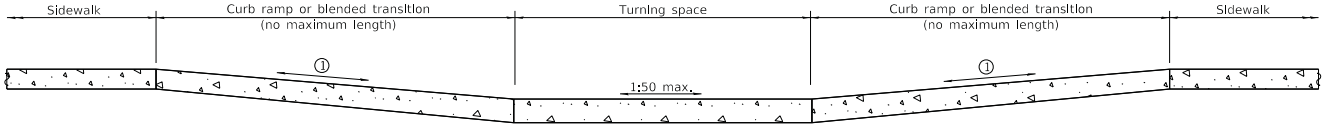
SECTION B-B



DETAIL A



SIDE CURB DETAIL



SECTION A-A

① The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

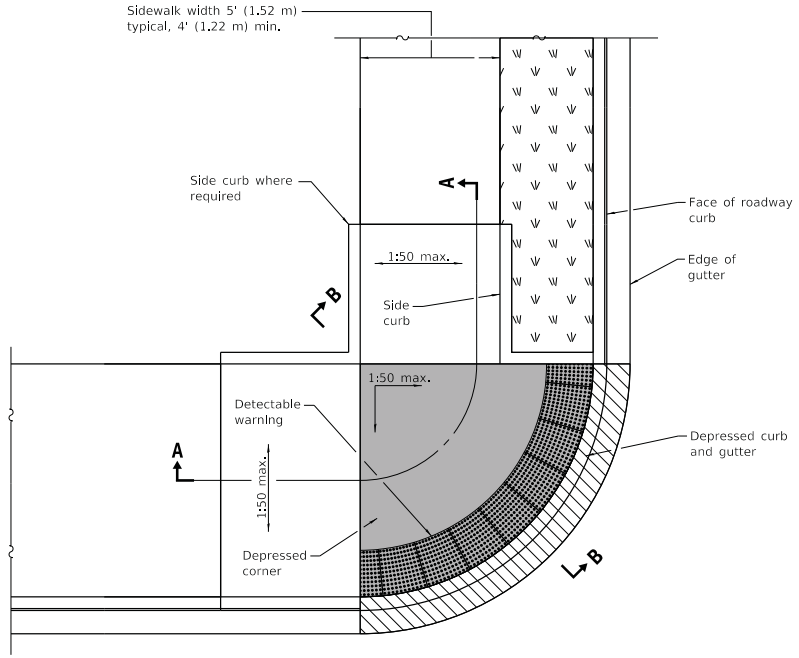
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-12

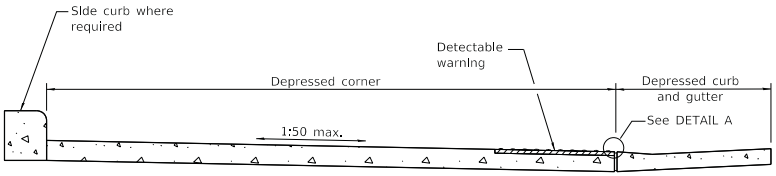
DATE	REVISIONS
1-1-19	Removed upper landing, added
	blended transition and detectable
	warning tolerances.
1-1-17	Revised sidewalk width to
	include 24 (610) buffer
	behind curb.

CORNER PARALLEL CURB RAMPS FOR SIDEWALKS

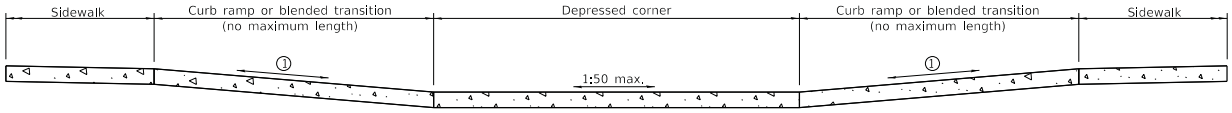
STANDARD 424011-04



DEPRESSED CORNER

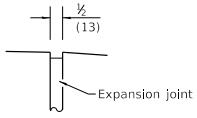


SECTION B-B

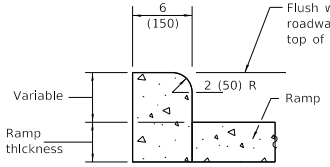


SECTION A-A

① The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.



DETAIL A



SIDE CURB DETAIL

GENERAL NOTES

This standard shall only be used for curb radii of 6 ft. (1.83 m) or greater.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where 1:50 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal tolerances but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in. width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

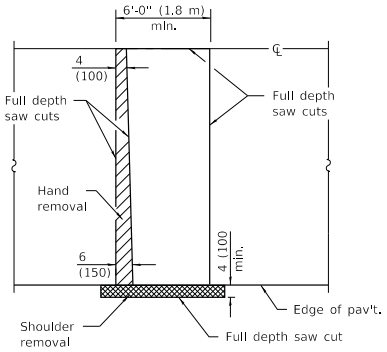
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-12

DATE	REVISIONS
1-1-19	Removed upper landings, added
	blended transition and detectable
	warning tolerances.
1-1-18	Omitted diagonal slope at
	turning spaces and upper
	landings.

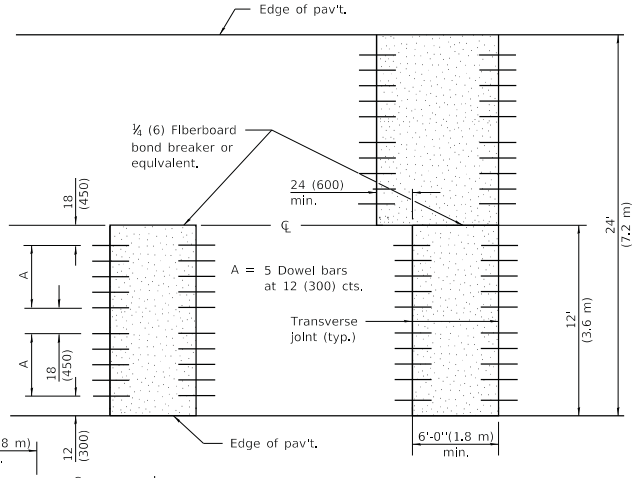
DEPRESSED CORNER FOR SIDEWALKS

STANDARD 424021-05

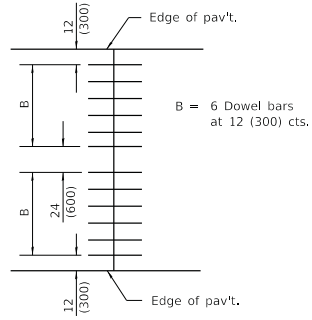


PAVEMENT SAWING DETAIL

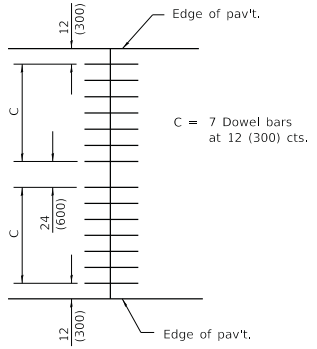
(HMA SHOULDER)



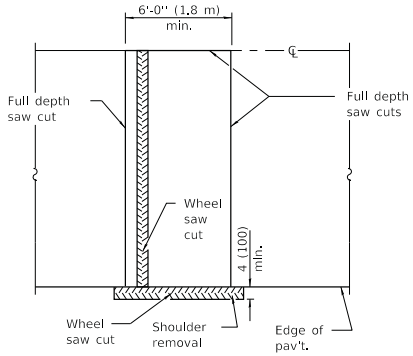
12' (3.6 m) WIDE LANES



14' (4.2 m) WIDE RAMP

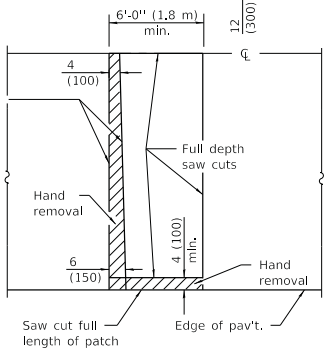


16' (4.8 m) WIDE RAMP



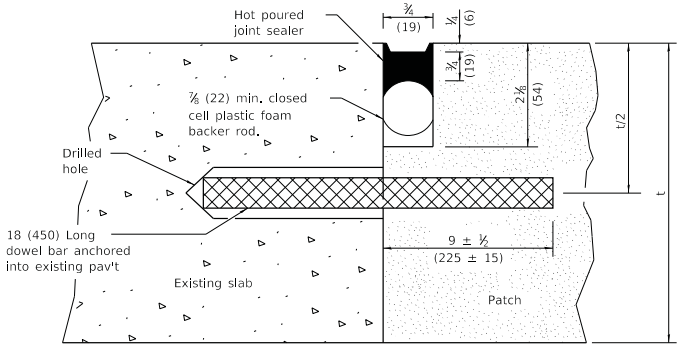
ALTERNATE SAWING DETAIL

(HMA SHOULDER)

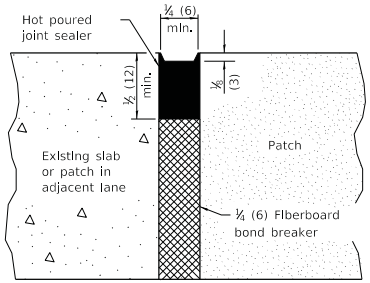


PAVEMENT SAWING DETAIL

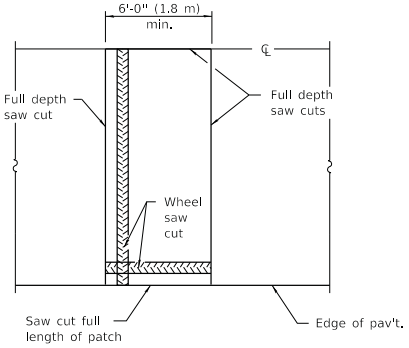
(PCC SHOULDER)



TRANSVERSE JOINT



CENTERLINE JOINT



ALTERNATE SAWING DETAIL

(PCC SHOULDER)

DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	HOLE DIAMETER
10 (250) or greater	1½ (38)	1⅝ (41)
8 (200) thru 9.99 (249)	1¼ (32)	1⅜ (35)
Less than 8 (200)	1 (25)	1⅛ (29)

GENERAL NOTES

The transverse joints for Class B patches shall align with joints or cracks in the adjacent lane whenever possible.

See Standard 420701 for details of welded wire reinforcement.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

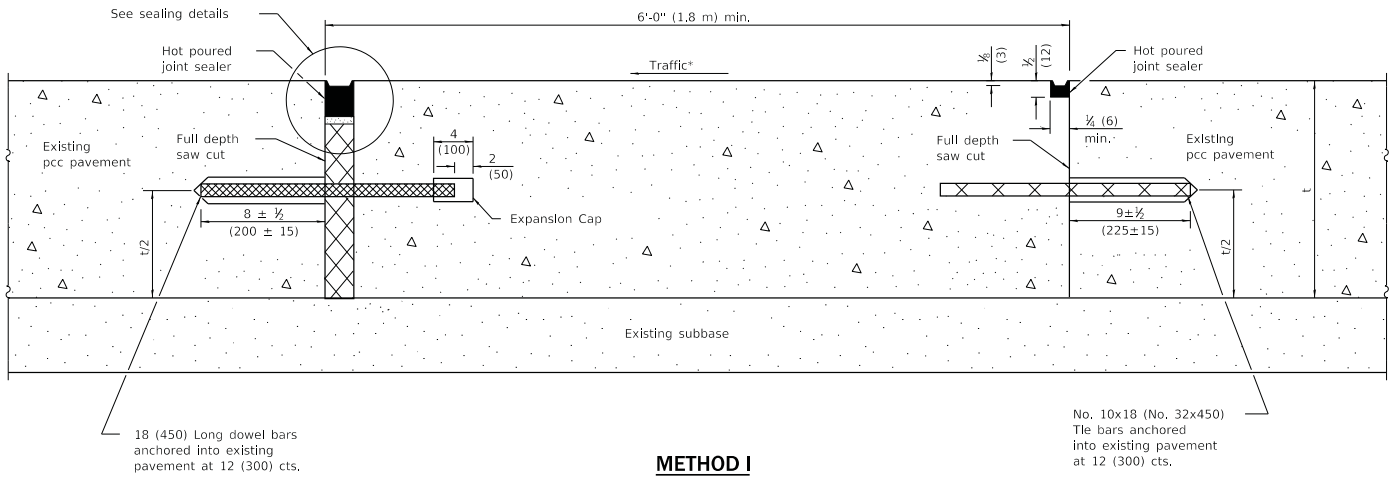
DATE	REVISIONS
1-1-19	Revised reference to Standard 420701 in General Notes.
1-1-18	Revised DOWEL BAR TABLE.

CLASS B PATCHES

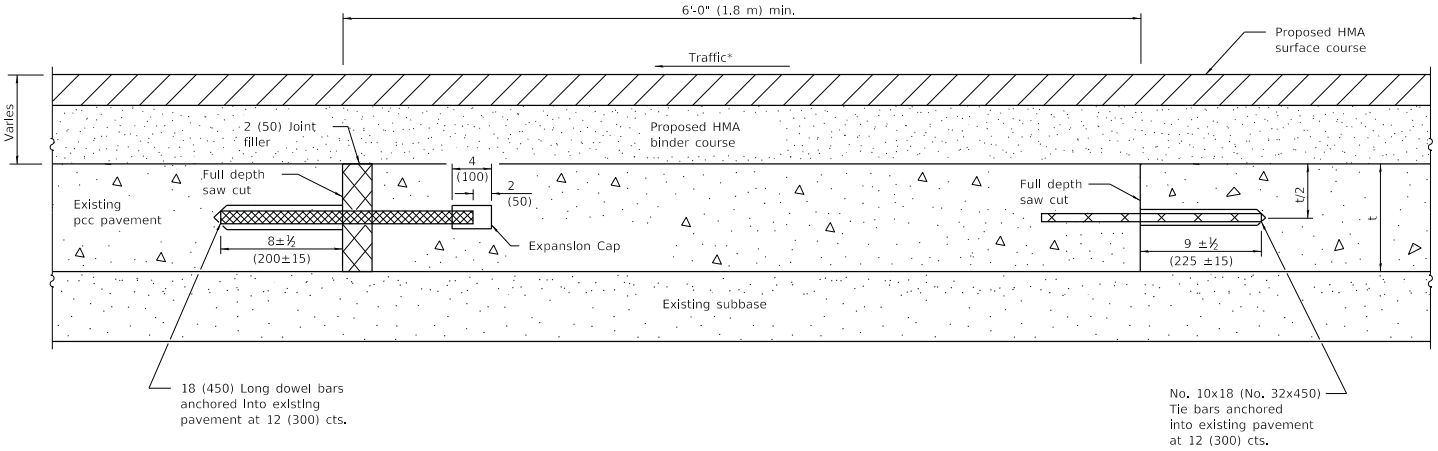
(Sheet 1 of 2)

STANDARD 442101-09

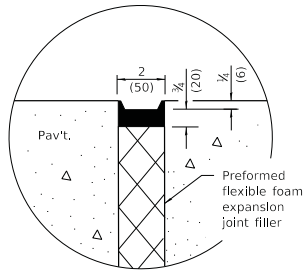
TRANSVERSE EXPANSION JOINTS



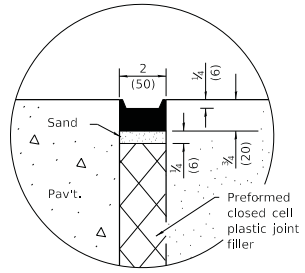
METHOD I
(Without Resurfacing)



METHOD II
(With Resurfacing)



SEALING DETAIL



SEALING DETAIL

NOTE

* When re-establishing a transverse expansion joint on a two-lane, two-way road, reverse the orientation of the dowel bars with respect to traffic for one of the patches such that the joint will be continuous across both lanes.

Illinois Department of Transportation

PASSED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

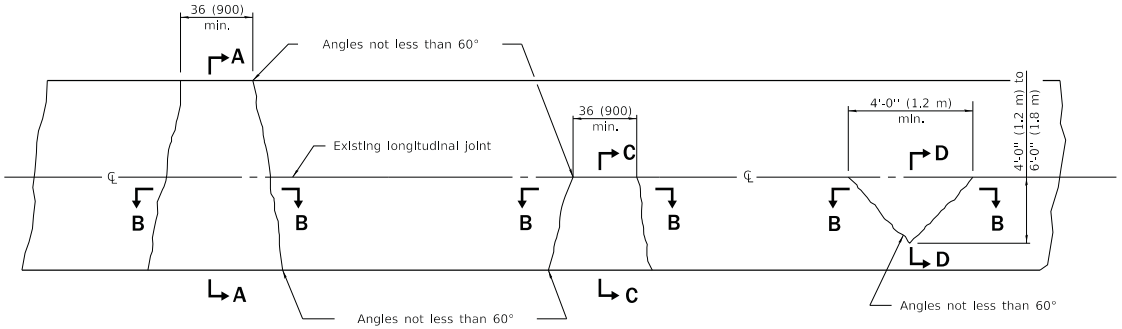
ISSUED 1-1-07

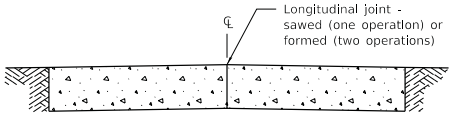
CLASS B PATCHES

(Sheet 2 of 2)

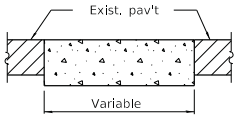
STANDARD 442101-09

CLASS C

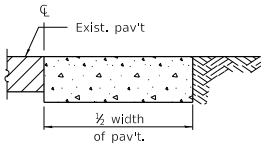




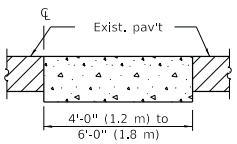
SECTION A-A



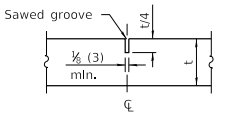
SECTION B-B



SECTION C-C



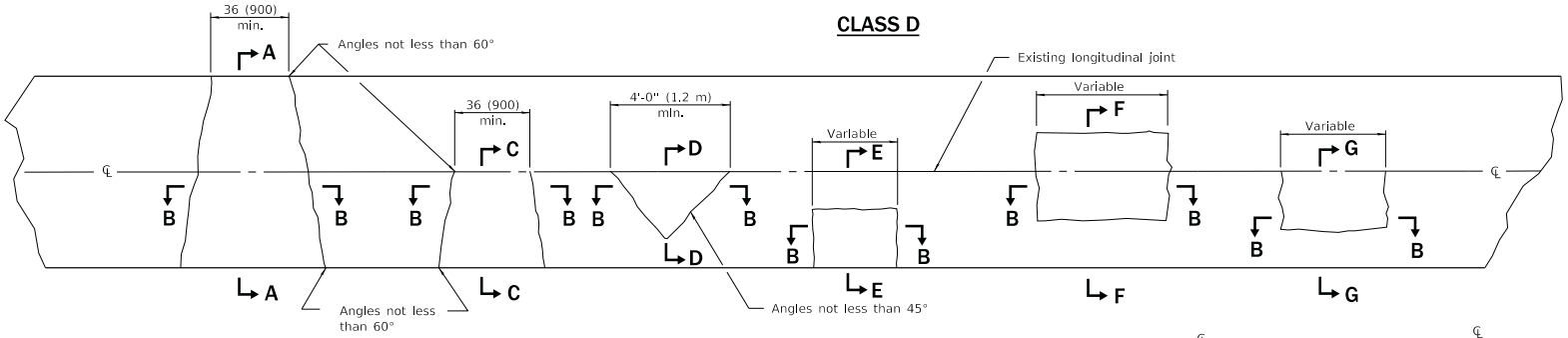
SECTION D-D

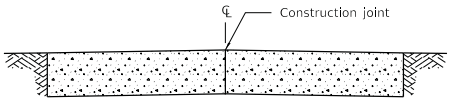


DETAIL OF SAWED CONTRACTION JOINT

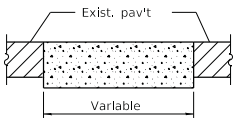
Note:
Longitudinal joints shall be as detailed on Standard 420001, except tie bars are not required for patches 20'-0" (6.0 m) or less in length.

CLASS D

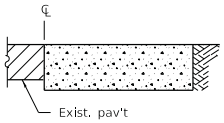




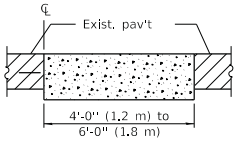
SECTION A-A
(Built in two operations)



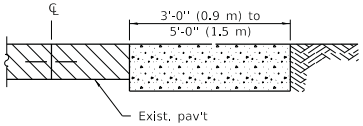
SECTION B-B



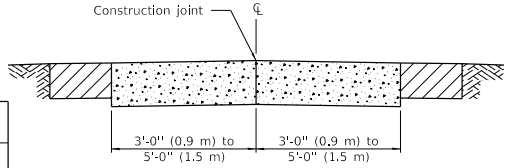
SECTION C-C



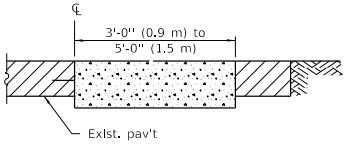
SECTION D-D



SECTION E-E



SECTION F-F
(Built in two operations)



SECTION G-G

GENERAL NOTES

Existing tie bars shall be either cut or removed. Marginal bars shall be cut.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

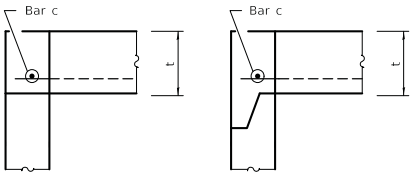
PASSED January 1, 2008
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2008
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

DATE	REVISIONS
1-1-08	Switched units to
	English (metric).
1-1-07	Revised Note for
	Class C patches.

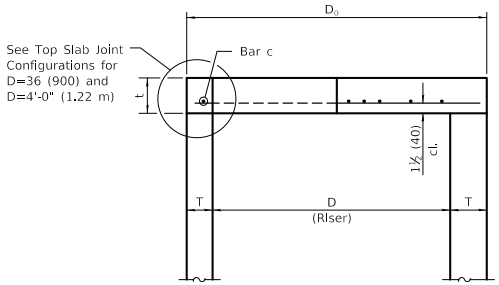
CLASS C and D PATCHES

STANDARD 442201-03

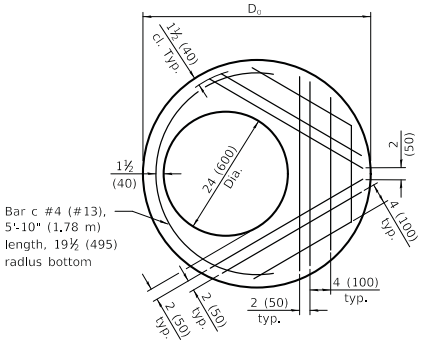


FLAT SLAB TOP JOINT CONFIGURATIONS FOR D = 36 (900) AND D = 4'-0" (1.22 m)

(Shown at access hole)

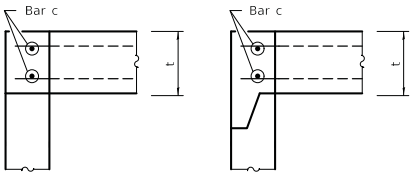


SECTION THRU FLAT SLAB TOP FOR D = 36 (900) AND D = 4'-0" (1.22 m)



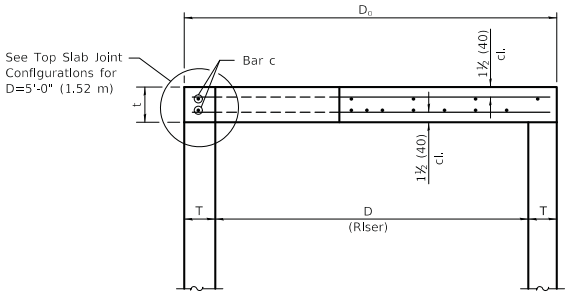
PLAN - FLAT SLAB TOP FOR D = 36 (900)

(Showing layout of reinforcement bars and c bars)

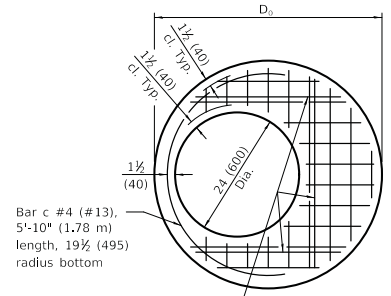


FLAT SLAB TOP JOINT CONFIGURATIONS D = 5'-0" (1.52 m)

(Shown at access hole)



SECTION THRU FLAT SLAB TOP FOR D = 5'-0" (1.52 m)



PLAN - FLAT SLAB TOP FOR D = 36 (900)

(Showing layout of welded wire reinforcement and c bars)

TABLE

D	T	D_0 (min.)	t
36 (900)	See applicable Standards	D + 2T	6 (150)
4'-0" (1.2 m)			6 (150)
5'-0" (1.5 m)			8 (200)

GENERAL NOTES

The flat slab top may be used in lieu of the tapered tops shown on Standards 602001, 602016, or 602306 at the option of the Contractor or when field conditions prohibit the use of tapered tops.

Lifting holes shall be located in the sections as per the manufacturer's recommendations.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

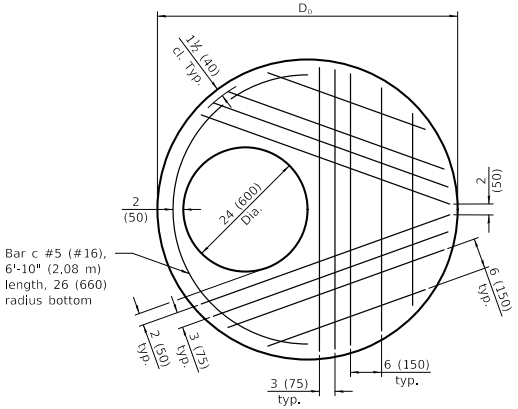
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-19

DATE	REVISIONS
1-1-19	Expanded / refined reinforcement options.
1-1-18	Revised for compliance with LRFD.

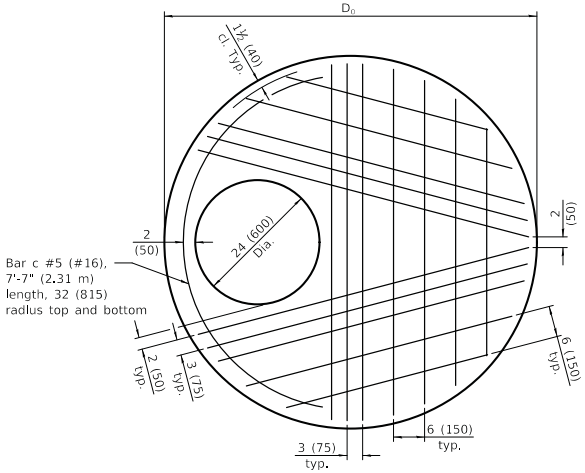
PRECAST REINFORCED CONCRETE FLAT SLAB TOP

STANDARD 602601-06



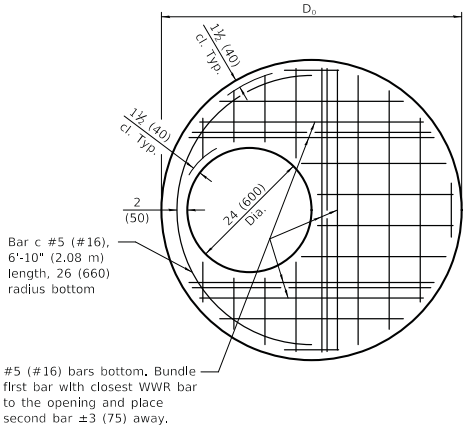
PLAN - FLAT SLAB TOP FOR D = 4'-0" (1,22 m)

(Showing layout of reinforcement bars and c bars)



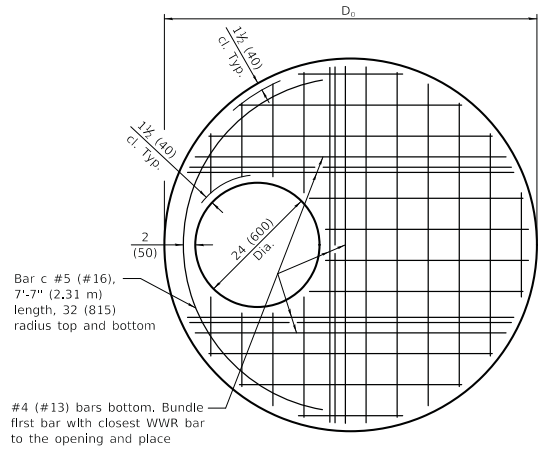
PLAN - FLAT SLAB TOP FOR D = 5'-0" (1,52 m)

(Showing layout of bottom reinforcement bars and c bars)



PLAN - FLAT SLAB TOP FOR D = 4'-0" (1,22 m)

(Showing layout of welded wire reinforcement and c bars)



PLAN - FLAT SLAB TOP FOR D = 5'-0" (1,52 m)

(Showing layout of welded wire reinforcement and c bars)

FLAT SLAB TOP REINFORCEMENT FOR D = 36 (900)

Location	WWR (each direction)		Rebar		
	A_s (min.)	Spacing (max.)	A_s (min.)	Spacing (max.)	Bar Size
Bottom Mat	* 0.60 sq. in./ft. (1270 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#4 (#13)

FLAT SLAB TOP REINFORCEMENT FOR D = 4'-0" (1.22 m)

Location	WWR (each direction)		Rebar		
	A_s (min.)	Spacing (max.)	A_s (min.)	Spacing (max.)	Bar Size
Bottom Mat	* 0.62 sq. in./ft. (1312 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#5 (#16)

FLAT SLAB TOP REINFORCEMENT FOR D = 5'-0" (1.52 m)

Location	WWR (each direction)		Rebar (each direction except as noted)		
	A_s (min.)	Spacing (max.)	A_s (min.)	Spacing (max.)	Bar Size
Top Mat	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)	#3 or #4 (#10) (#13)
Bottom Mat	* 0.40 sq. in./ft. (847 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#4 (#13)

* Only one layer of WWR permitted to avoid congestion.

Illinois Department of Transportation

PASSED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

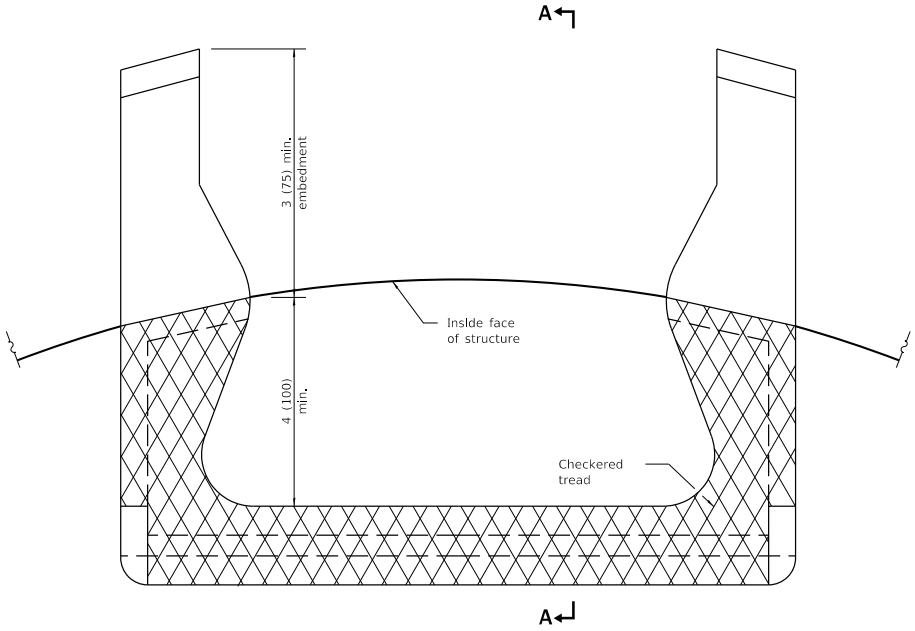
ISSUED 1-1-07

PRECAST REINFORCED CONCRETE FLAT SLAB TOP

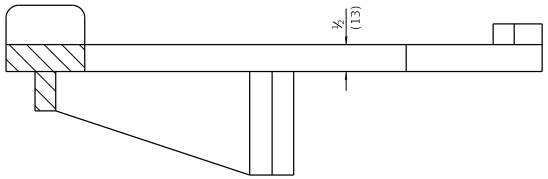
(Sheet 2 of 2)

STANDARD 602601-06

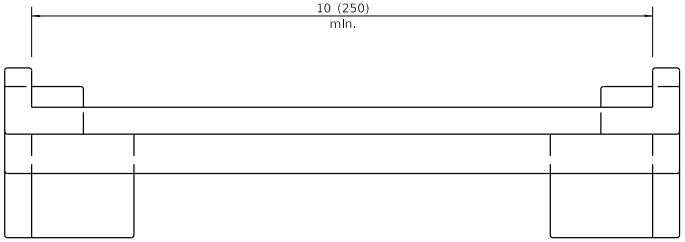
CAST IRON STEPS



PLAN VIEW



SECTION A-A



ELEVATION VIEW

All dimensions are in inches (millimeters)
unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2009
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

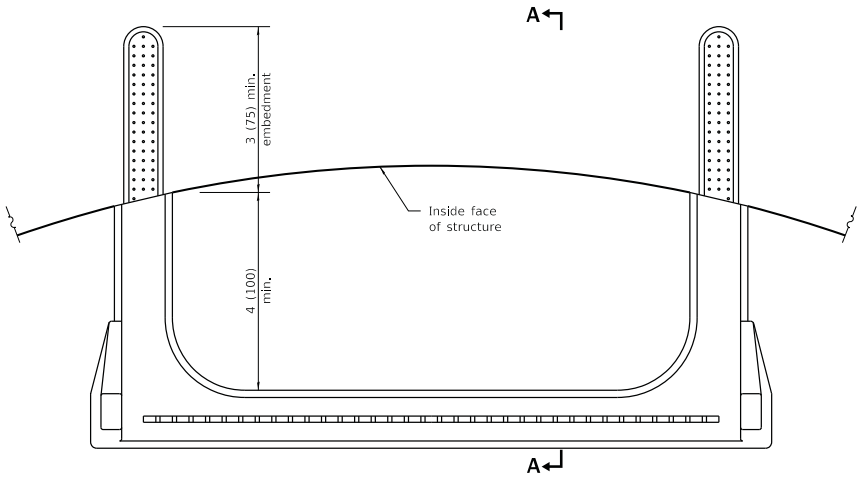
DATE	REVISIONS
1-1-09	Switched units to
	English (metric).
4-1-06	Revised title, drawings,
	and added plastic
	steps on sheet 2.

MANHOLE STEPS

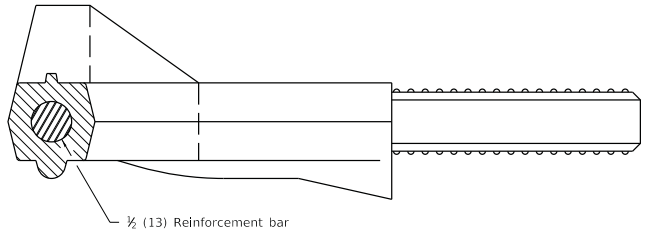
(Sheet 1 of 2)

STANDARD 602701-02

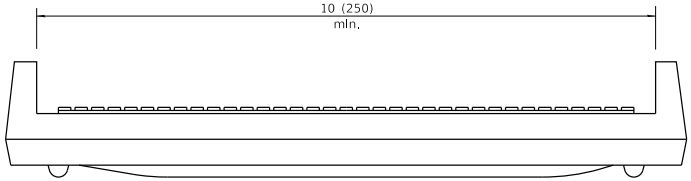
PLASTIC STEPS



PLAN VIEW



SECTION A-A



ELEVATION VIEW

Illinois Department of Transportation

PASSED January 1, 2009
ENGINEER OF POLICY AND PROCEDURES

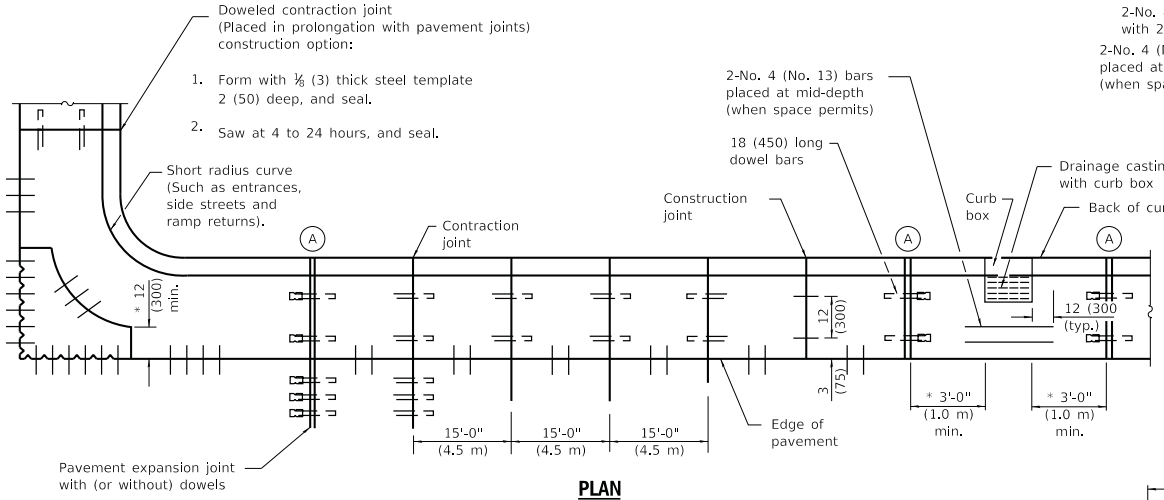
APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

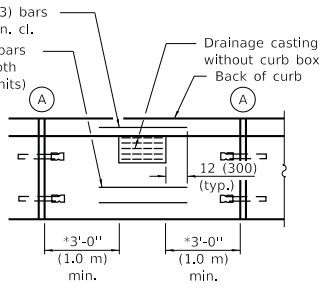
MANHOLE STEPS

(Sheet 2 of 2)

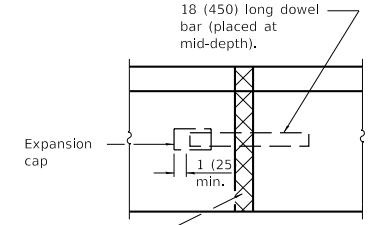
STANDARD 602701-02



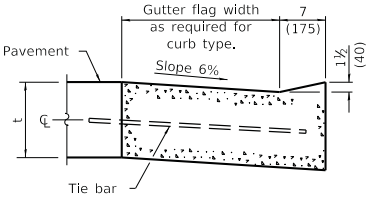
PLAN
ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE



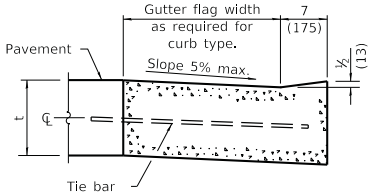
* This dimension shall be adjusted to align with joint on the adjacent pavement



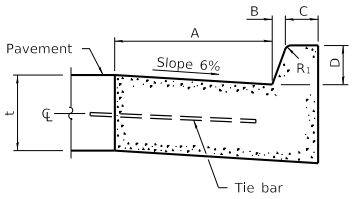
DETAIL (A)
EXPANSION JOINT



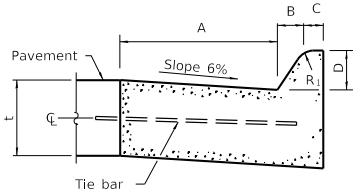
DEPRESSED CURB (TYPICAL)



DEPRESSED CURB ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED



BARRIER CURB

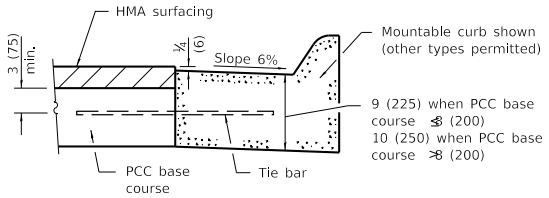


MOUNTABLE CURB

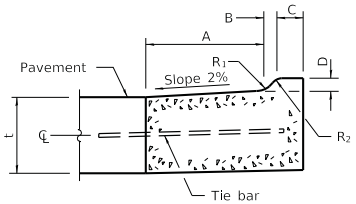
TABLE OF DIMENSIONS BARRIER CURB					
TYPE	A	B	C	D	R_1
B-6.06 ✱ (B-15.15)	6 (150)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.12 (B-15.3)	12 (300)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.18 (B-15.45)	18 (450)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.24 (B-15.60)	24 (600)	1 (25)	6 (150)	6 (150)	1 (25)
B-9.12 (B-22.30)	12 (300)	2 (50)	5 (125)	9 (225)	1 (25)
B-9.18 (B-22.45)	18 (450)	2 (50)	5 (125)	9 (225)	1 (25)
B-9.24 (B-22.60)	24 (600)	2 (50)	5 (125)	9 (225)	1 (25)

✱ For corner islands only.

TABLE OF DIMENSIONS MOUNTABLE CURB						
TYPE	A	B	C	D	R_1	R_2
M-2.06 (M-5.15)	6 (150)	2 (50)	4 (100)	2 (50)	3 (75)	2 (50)
M-2.12 (M-5.30)	12 (300)	2 (50)	4 (100)	2 (50)	3 (75)	2 (50)
M-4.06 (M-10.15)	6 (150)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.12 (M-10.30)	12 (300)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.18 (M-10.45)	18 (450)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.24 (M-10.60)	24 (600)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-6.06 (M-15.15)	6 (150)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.12 (M-15.30)	12 (300)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.18 (M-15.45)	18 (450)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.24 (M-15.60)	24 (600)	6 (150)	2 (50)	6 (150)	2 (50)	NA



ADJACENT TO PCC BASE COURSE WITH HMA SURFACING



M-2.06 (M-5.15) and M-2.12 (M-5.30)

GENERAL NOTES

The bottom slope of combination curb and gutter constructed adjacent to pcc pavement shall be the same slope as the subbase or 6% when subbase is omitted.

t = Thickness of pavement.

Longitudinal joint tie bars shall be No. 6 (No. 19) at 36 (900) centers in accordance with details for longitudinal construction joint shown on Standard 420001.

A minimum clearance of 2 (50) between the end of the tie bar and the back of the curb shall be maintained.

The dowel bars shown in contraction joints will only be required for monolithic construction.

See Standard 606301 for details of corner islands.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2018
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2018
ENGINEER OF DESIGN AND ENVIRONMENT

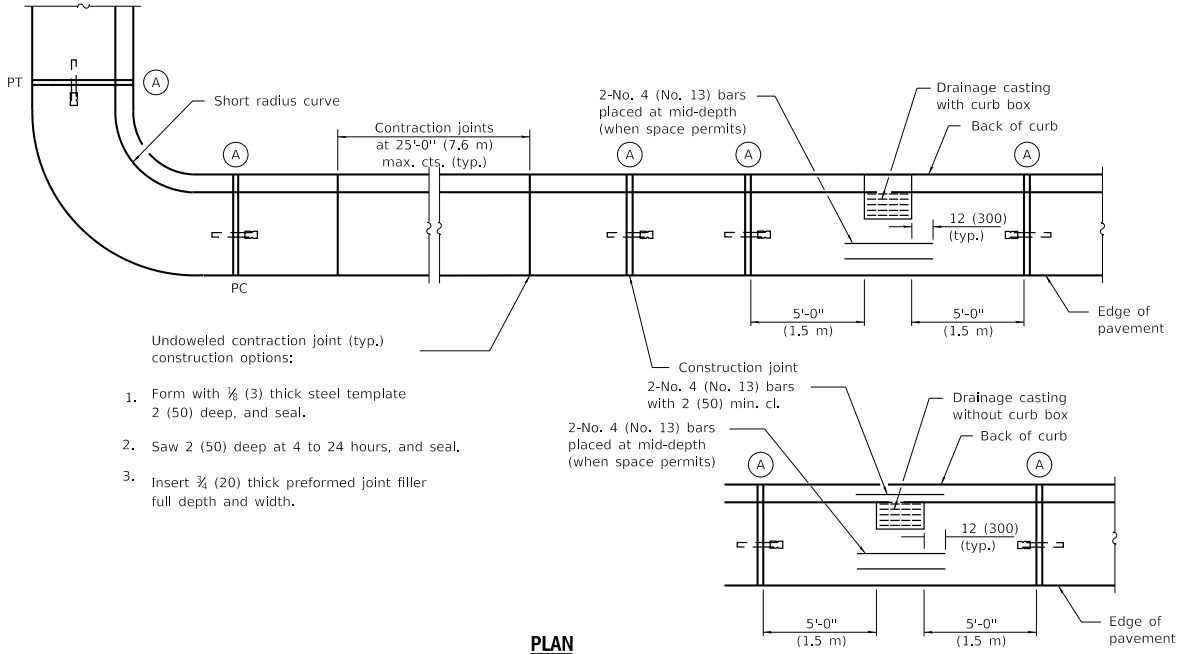
ISSUED 1-1-07

DATE	REVISIONS
1-1-18	Revised General Note for tie
	bar spacing to 36 (900) cts.
1-1-15	Added B-6.06 (B-15.15) barrier
	curb and gutter to table
	(corner islands only).

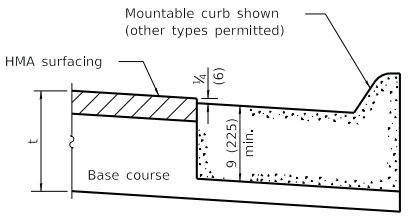
CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

(Sheet 1 of 2)

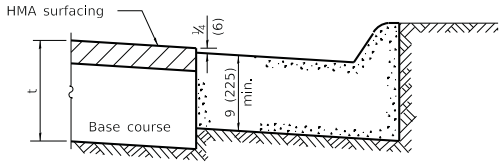
STANDARD 606001-07



PLAN

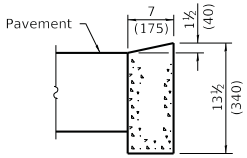


ON DISTURBED SUBGRADE

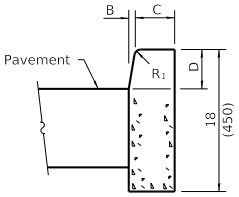


ON UNDISTURBED SUBGRADE

ADJACENT TO FLEXIBLE PAVEMENT

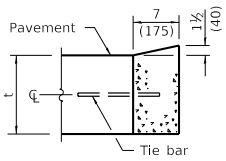


DEPRESSED CURB

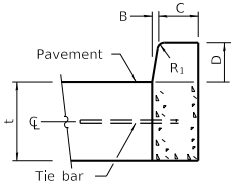


BARRIER CURB

ADJACENT TO FLEXIBLE PAVEMENT



DEPRESSED CURB



BARRIER CURB

ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE

CONCRETE CURB TYPE B

Illinois Department of Transportation

PASSED January 1, 2018
ENGINEER OF POLICY AND PROCEDURES

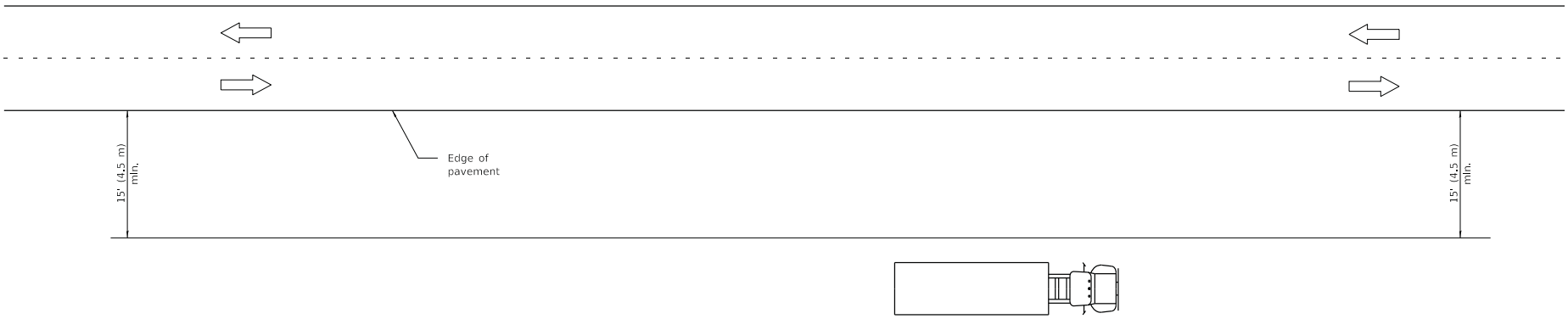
APPROVED January 1, 2018
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

(Sheet 2 of 2)

STANDARD 606001-07



TYPICAL APPLICATIONS

Landscaping work

Utility work

Fencing contracts and maintenance

Cleaning culverts

GENERAL NOTES

This Standard is used where at all times all vehicles, equipment, workers or their activities are more than 15' (4.5 m) from the edge of pavement.

When the work operation requires that two or more work vehicles cross the 15' (4.5 m) clear zone in any one hour, traffic control shall be according to Standard 701006.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2009
ENGINEER OF OPERATIONS

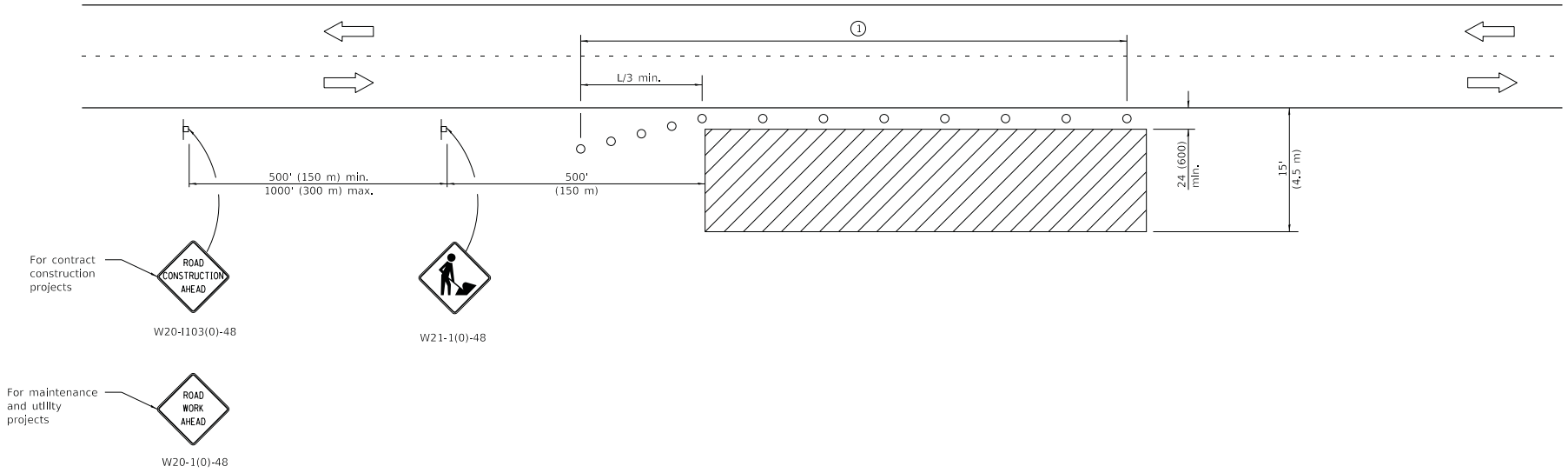
APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

DATE	REVISIONS
1-1-09	Switched units to
	English (metric).
1-1-05	Revised title and notes.

OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY

STANDARD 701001-02



TYPICAL APPLICATIONS

Utility operations
Culvert extensions
Side slope changes
Guardrail installation and maintenance
Delineator installation
Landscaping operations
Shoulder repair
Sign installation and maintenance

SYMBOLS

Work area

Sign

Cone, drum or barricade

(1) When the work operation exceeds one hour, cones, drums or barricades shall be placed at 25' (8 m) centers for L/3 distance, and at 50' (15 m) centers through the remainder of the work area.

GENERAL NOTES

This Standard is used where any vehicles, equipment, workers or their activities will encroach in the area 15' (4.5 m) to 24 (600) from the edge of pavement.

Calculate L as follows:

SPEED LIMIT	FORMULAS English	(Metric)
40 mph (70 km/h) or less:	$L=\frac{WS^2}{60}$	$L=\frac{WS^2}{150}$
45 mph (80 km/h) or greater:	$L=(W)(S)$	$L=0.65(W)(S)$

W = Width of offset in feet (meters).

S = Normal posted speed mph (km/h).

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2014
ENGINEER OF SAFETY ENGINEERING

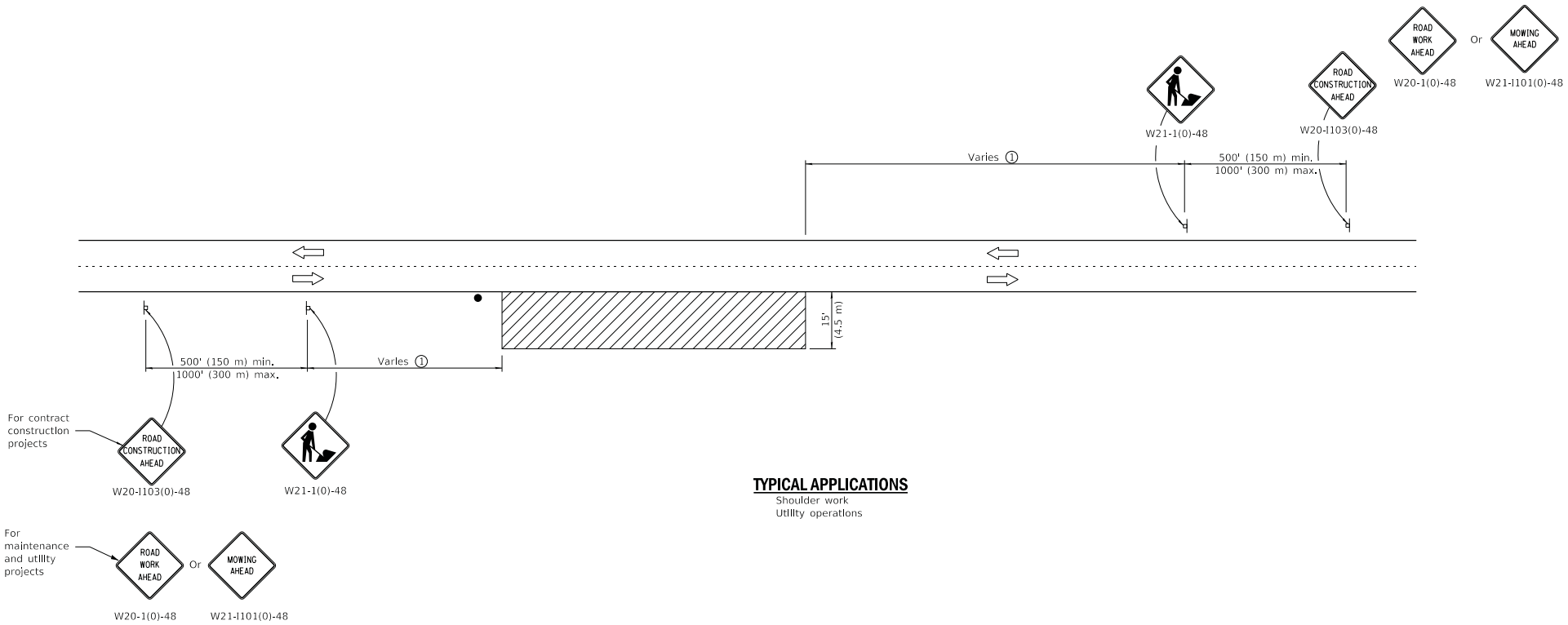
APPROVED January 1, 2014
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

DATE	REVISIONS
1-1-14	Revised workers sign
	number to agree with
	current MUTCD.
1-1-13	Omitted text 'WORKERS'
	sign.

OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE

STANDARD 701006-05



TYPICAL APPLICATIONS

Shoulder work
Utility operations

SYMBOLS

Work area

Sign

Flagger with traffic control sign when required

(1) Minimum distance is 200' (60 m). Maximum distance to be determined by the Engineer but should not exceed ½ the length required for one normal working day's operation, or 4 miles (6.4 km) whichever is less.

GENERAL NOTES

This Standard is used where at any time, any vehicle, equipment, workers or their activities require an intermittent or continuous moving operation on the shoulder, where the average speed is 1 mph (2 km/h) or less.

When the work operation does not exceed 60 minutes, traffic control may be according to Standard 701301.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2014
ENGINEER OF SAFETY ENGINEERING

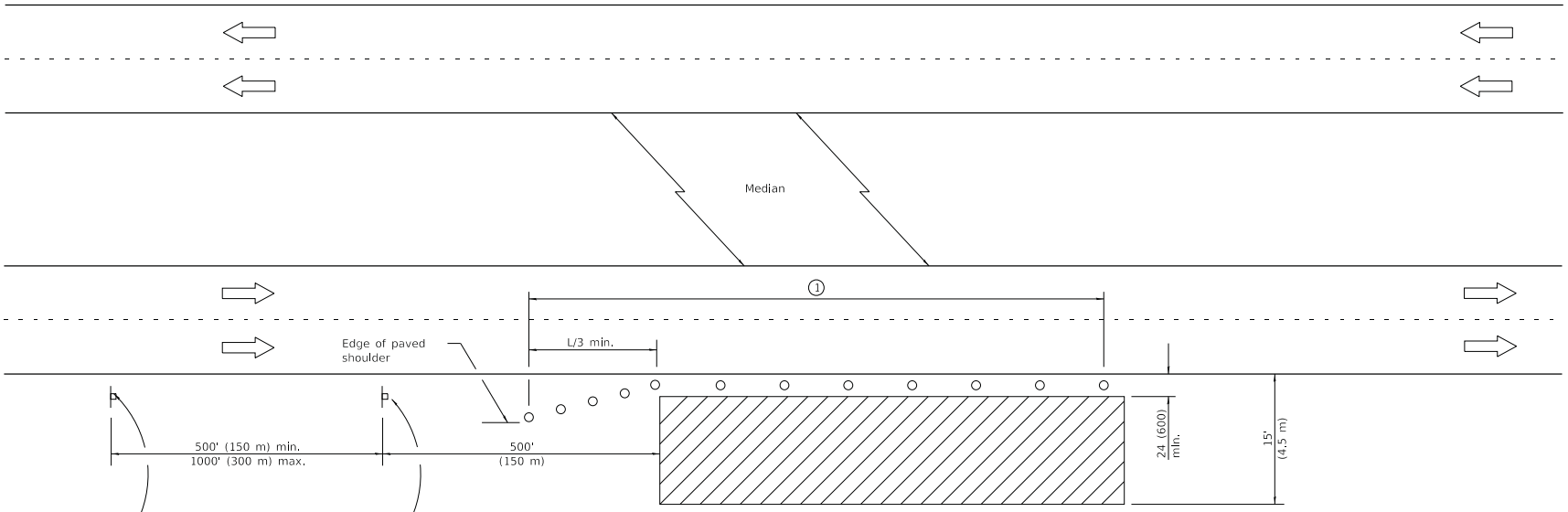
APPROVED January 1, 2014
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

DATE	REVISIONS
1-1-14	Revised workers sign
	number to agree with
	current MUTCD.
1-1-13	Omitted text 'WORKERS'
	sign.

OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY

STANDARD 701011-04



For contract construction projects

W20-1103(0)-48

W21-1(0)-48

For maintenance and utility projects

W20-1(0)-48

TYPICAL APPLICATIONS

Utility operations
Culvert extensions
Side slope changes
Guardrail installation and maintenance
Delineator installation
Landscaping operations
Shoulder repair
Sign installation and maintenance

① When the work operation exceeds one hour, cones, drums or barricades shall be placed at 25' (8 m) centers for L/3 distance, and at 50' (15 m) centers through the remainder of the work area.

SYMBOLS

Work area

Sign

Cone, drum or barricade

GENERAL NOTES

This Standard is used where any vehicles, equipment, workers or their activities will encroach in the area 15' (4.5 m) to 24 (600) from the edge of pavement.

Calculate L as follows:

SPEED LIMIT	FORMULAS English	(Metric)
40 mph (70 km/h) or less:	$L=\frac{WS^2}{60}$	$L=\frac{WS^2}{150}$
45 mph (80 km/h) or greater:	$L=(W)(S)$	$L=0.65(W)(S)$

W = Width of offset in feet (meters).

S = Normal posted speed mph (km/h).

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED April 1, 2016
ENGINEER OF SAFETY ENGINEERING

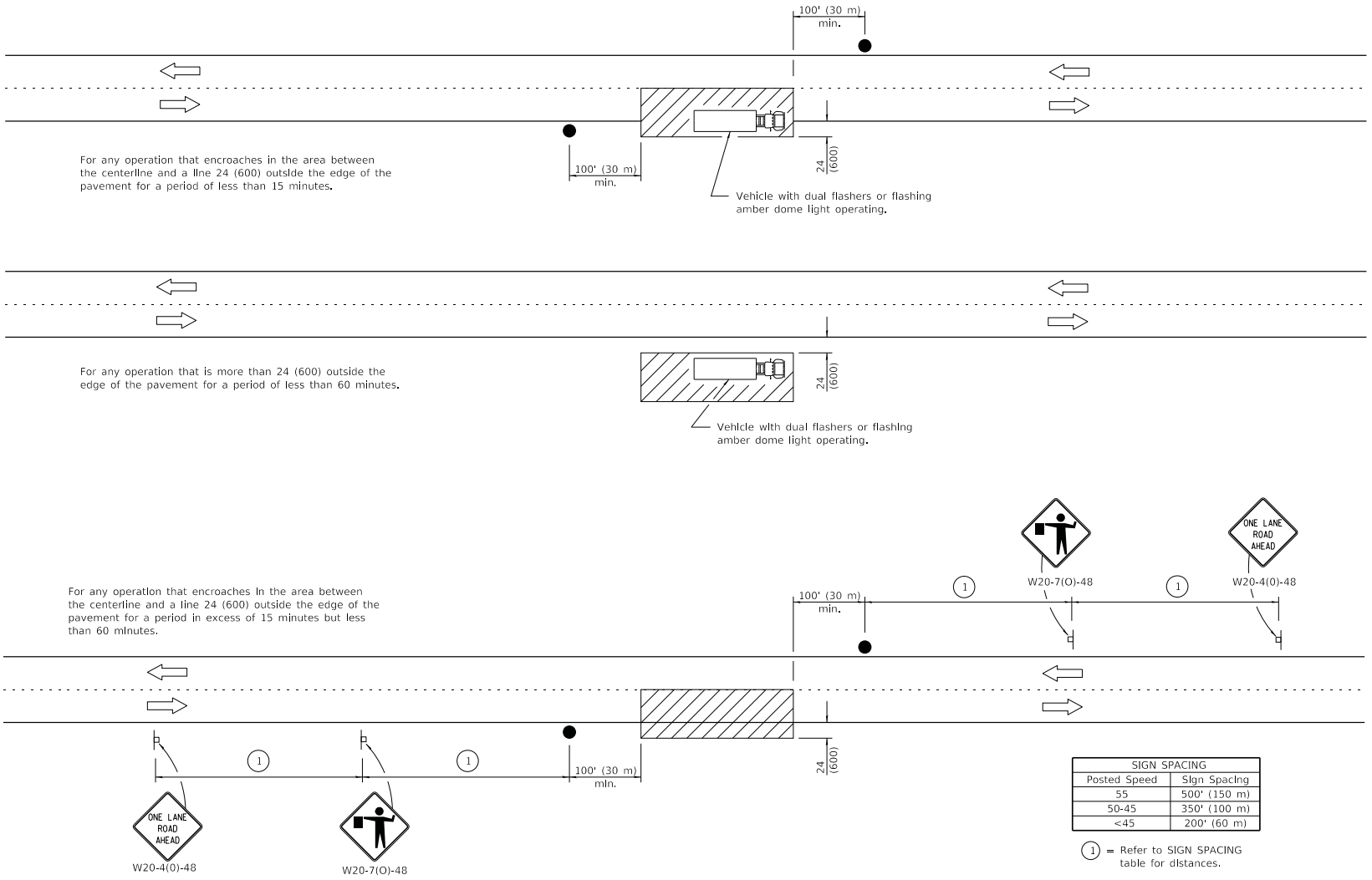
APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-17

DATE	REVISIONS
4-1-16	Corrected typo in title.
1-1-14	Revised workers sign
	number to agree with
	current MUTCD.

OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE

STANDARD 701101-05



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

(1) = Refer to SIGN SPACING table for distances.

TYPICAL APPLICATIONS

Marking patches
Field survey
String line
Utility operations
Cleaning up debris on pavement

SYMBOLS

Work area

Sign on portable or permanent support

Flagger with traffic control sign

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2011
ENGINEER OF SAFETY ENGINEERING

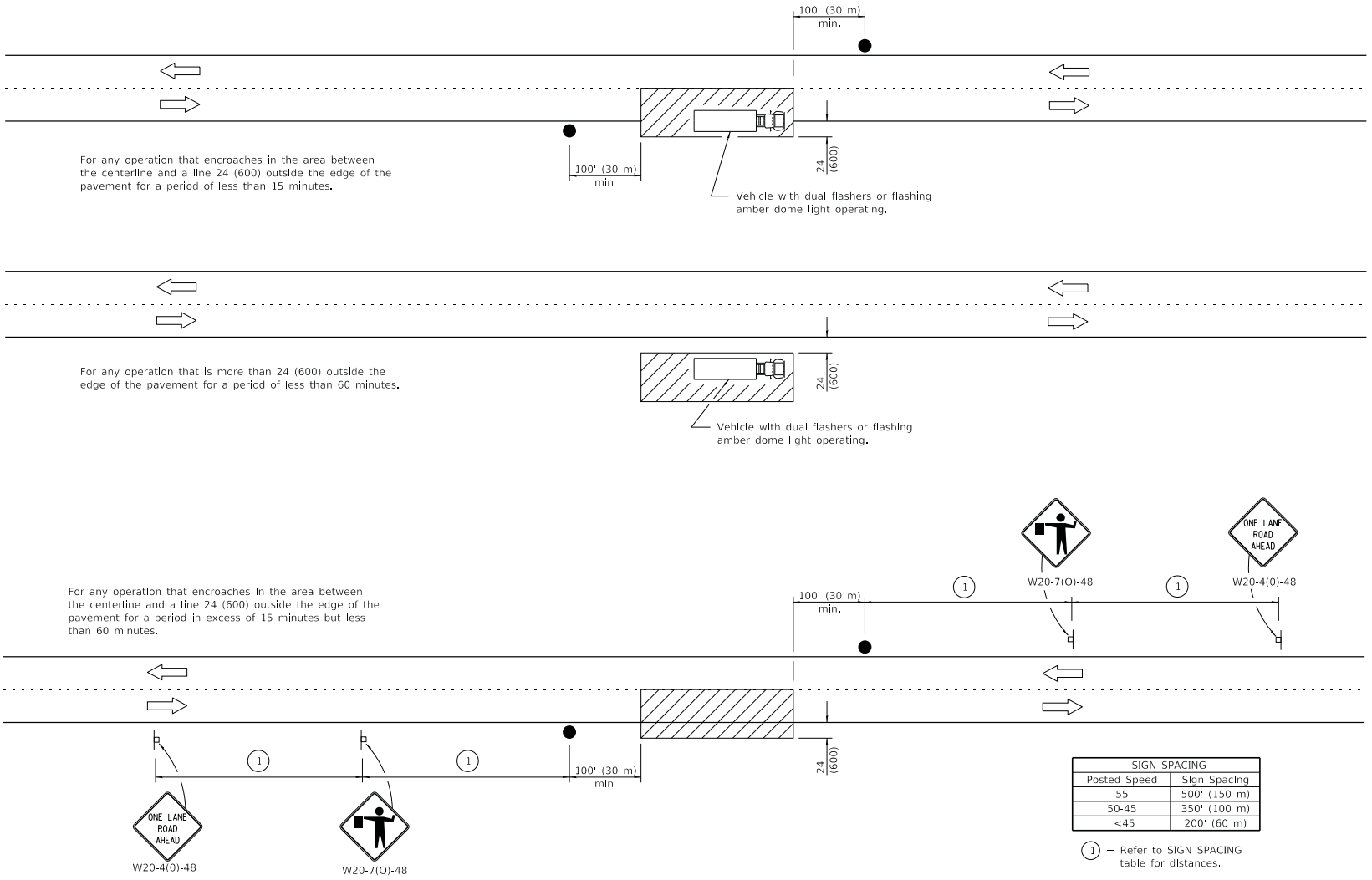
APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to
	English (metric).

LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS

STANDARD 701301-04



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

(1) = Refer to SIGN SPACING table for distances.

TYPICAL APPLICATIONS

Marking patches
Field survey
String line
Utility operations
Cleaning up debris on pavement

SYMBOLS

Work area

Sign on portable or permanent support

Flagger with traffic control sign

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2011
ENGINEER OF SAFETY ENGINEERING

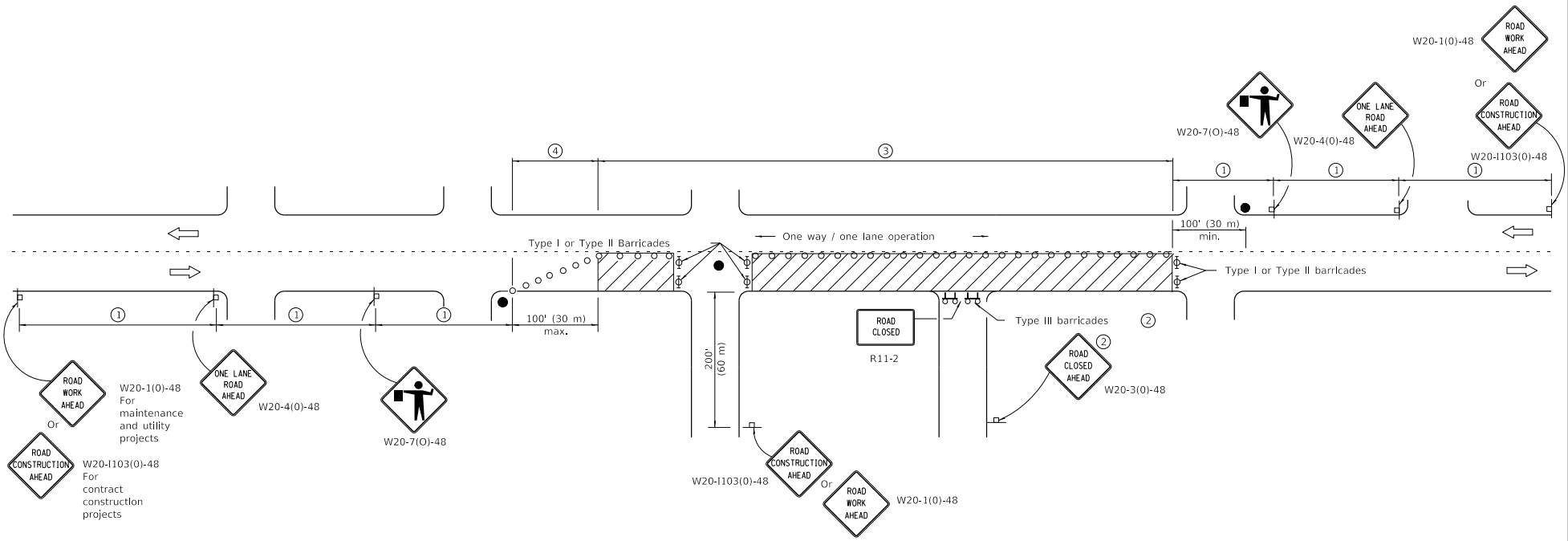
APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to
	English (metric).

LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS

STANDARD 701301-04



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- Work area
- Cone, drum or barricade (not required for moving operations)
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights

1. Refer to SIGN SPACING TABLE for distances.
2. For approved sideroad closures.
3. Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
4. Cones, drums or barricades at 20' (6 m) centers.

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an urban area.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2011
ENGINEER OF SAFETY ENGINEERING

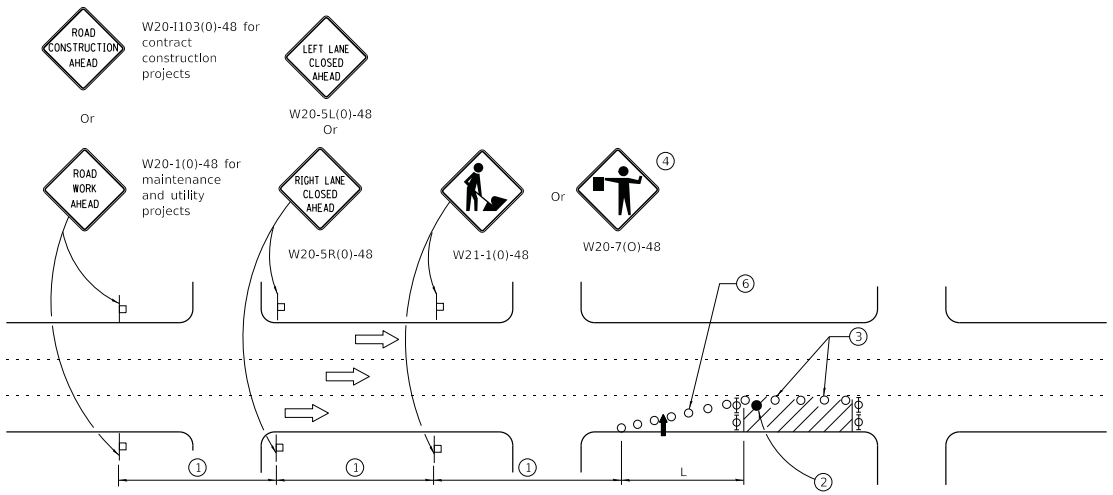
APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to
	English (metric).
	Corrected sign No.'s.

URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED

STANDARD 701501-06



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- Arrow board
- Cone, drum or barricade
- Sign on portable or permanent support
- Work area
- Barricade or drum with flashing light
- Type III barricade with flashing lights
- Flagger with traffic control sign.

1. Refer to SIGN SPACING TABLE for distances.
2. Required for speeds > 40 MPH
3. Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
4. Use flagger sign only when flagger is present.
5. For approved sideroad closures.
6. Cones, drums or barricades at 20' (6 m) in taper.

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement during shoulder operations or where construction requires lane closures in urban areas.

Calculate L as follows:

SPEED LIMIT	FORMULAS English	FORMULAS (Metric)
40 mph (70 km/h) or less:	$L=\frac{WS^2}{60}$	$L=\frac{WS^2}{150}$
45 mph (80 km/h) or greater:	L=(W)(S)	L=0.65(W)(S)

W = Width of offset in feet (meters).

S = Normal posted speed mph (km/h).

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2014
ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2014
ENGINEER OF DESIGN AND ENVIRONMENT

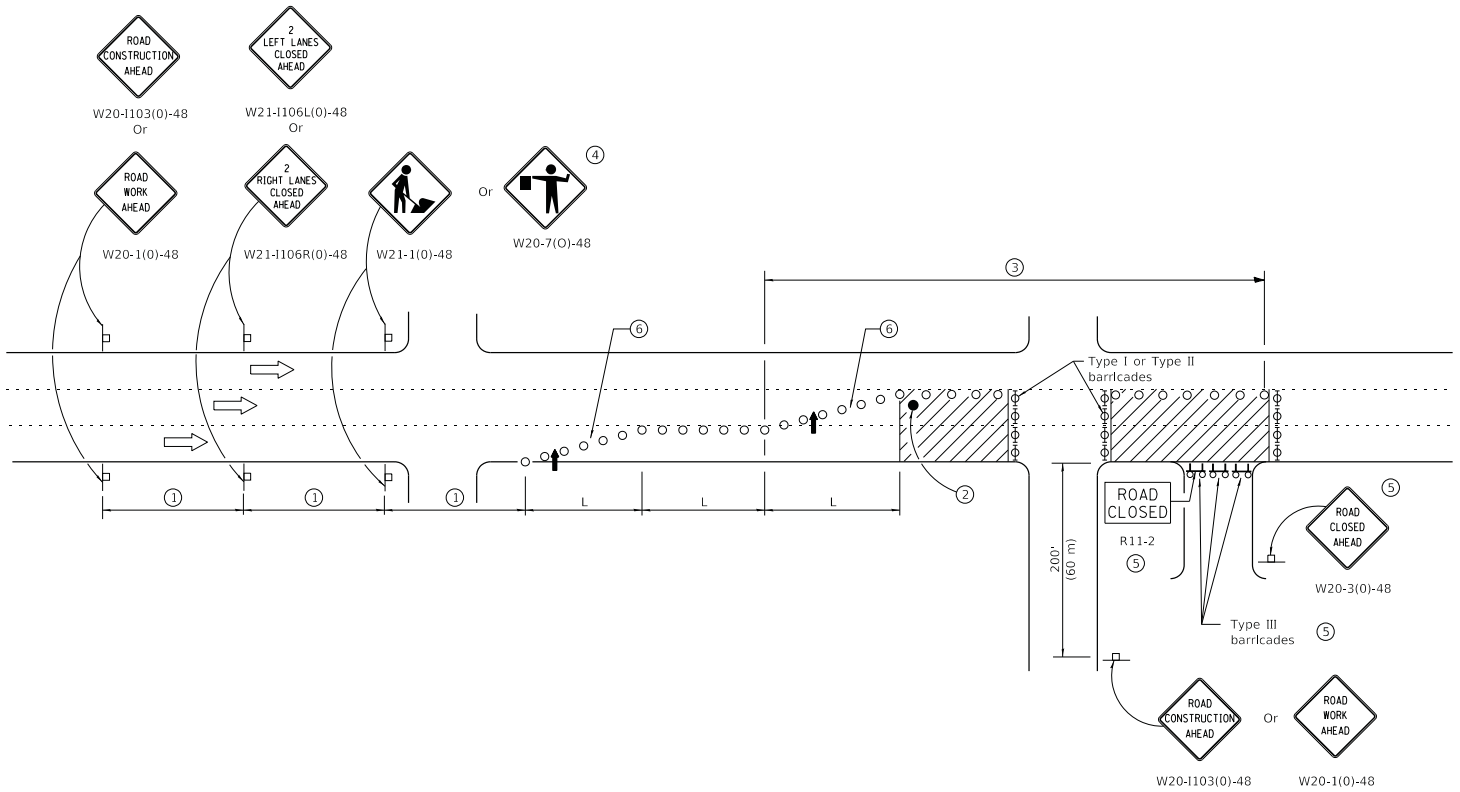
ISSUED 1-1-07

DATE	REVISIONS
1-1-14	Revised workers sign
	number to agree with
	current MUTCD.
1-1-13	Omitted text 'WORKERS'
	sign.

URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN

(Sheet 1 of 2)

STANDARD 701601-09



Illinois Department of Transportation

PASSED January 1, 2014
ENGINEER OF SAFETY ENGINEERING

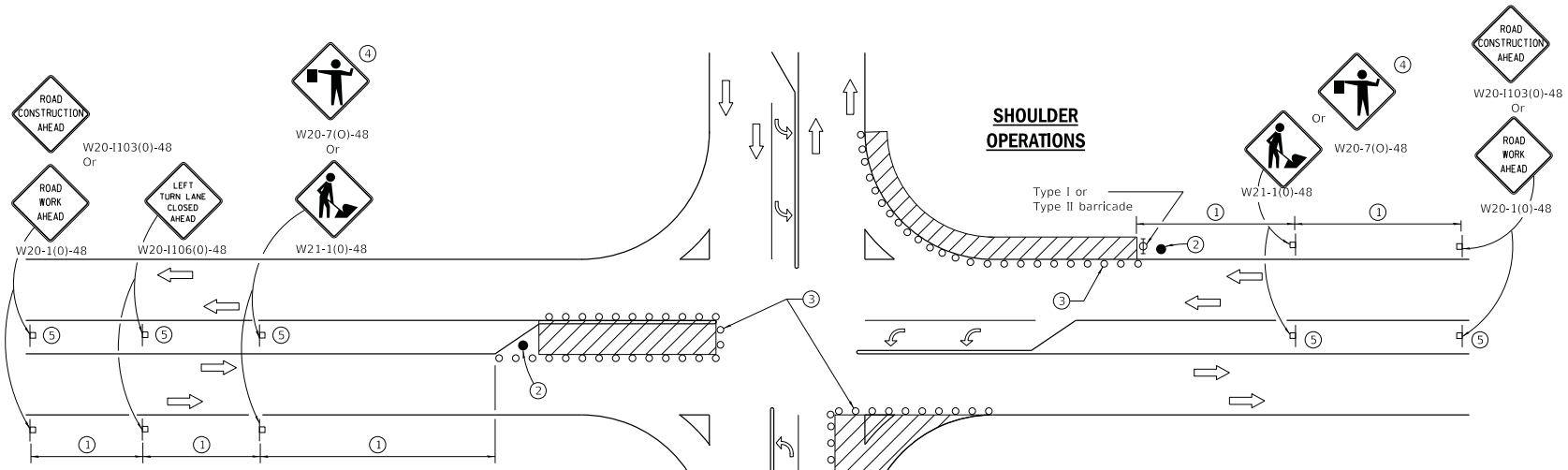
APPROVED January 1, 2014
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN

(Sheet 2 of 2)

STANDARD 701601-09



LEFT TURN LANE OR CENTER MEDIAN OPERATIONS

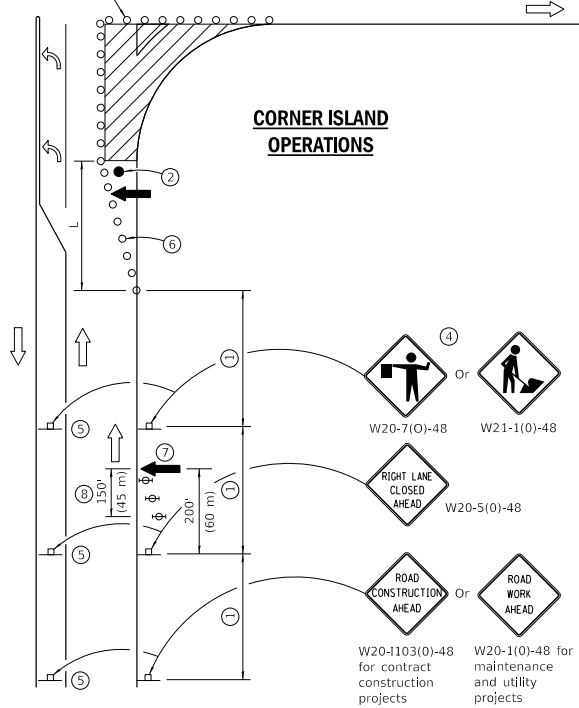
1. Refer to SIGN SPACING TABLE for distance.
2. Required for speed > 40 mph.
3. Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
4. Use flagger sign only when flagger is present.
5. Omit this sign when median is less than 10' (3 m) or for bi-directional turn lanes.
6. Cones, drums or barricades at 20' (6 m) centers in taper.
7. Advanced arrow board required for speeds > 45 mph.
8. Three Type II barricades, drums or vertical barricades at 50' (15 m) centers.

SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- Work area
- Cone, drum or barricade
- Sign on portable or permanent support
- Arrow board
- Barricade or drum with flashing light
- Flagger with traffic control sign

CORNER ISLAND OPERATIONS



GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement during shoulder operations or where construction requires lane closures in an urban area.

Calculate L as follows:

SPEED LIMIT	FORMULAS English	(Metric)
40 mph (70 km/h) or less:	$L=\frac{WS^2}{60}$	$L=\frac{WS^2}{150}$
45 mph (80 km/h) or greater:	L=(W)(S)	L=0.65(W)(S)

W = Width of offset in feet (meters).

S = Normal posted speed mph (km/h).

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED April 1, 2016
ENGINEER OF SAFETY ENGINEERING

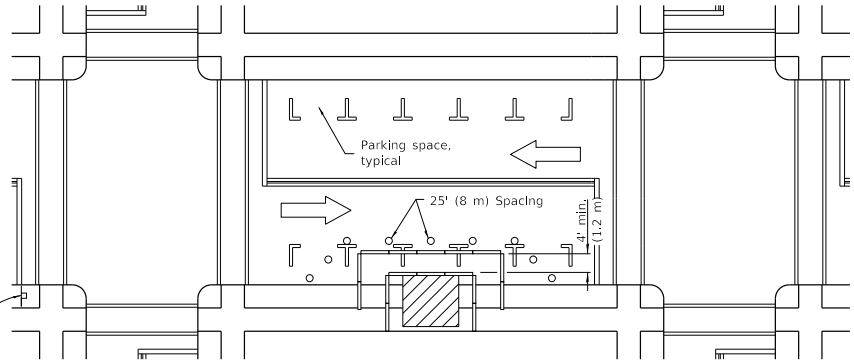
APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

DATE	REVISIONS
4-1-16	Corrected sign number for
	LEFT TURN LANE CLOSED
	AHEAD.
1-1-14	Added devices at arrow
	board upstream from taper.
	Rev. workers sign number.

URBAN LANE CLOSURE, MULTILANE INTERSECTION

STANDARD 701701-10



① ROAD CONSTRUCTION AHEAD — W20-I103(0)-48 for contract construction projects

Or

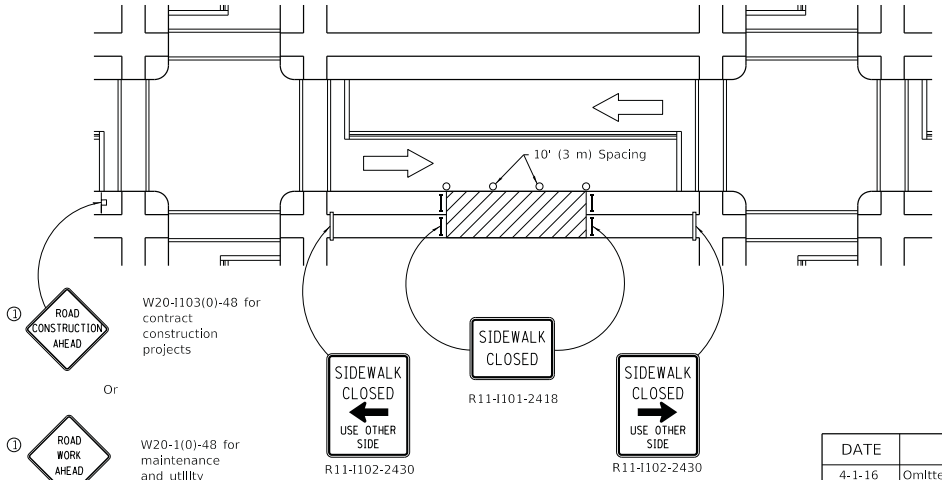
① ROAD WORK AHEAD — W20-1(0)-48 for maintenance and utility projects

SIDEWALK DIVERSION

① Omit whenever duplicated by road work traffic control.

SYMBOLS

- Work area
- Sign on portable or permanent support
- Barricade or drum
- Cone, drum or barricade
- Type III barricade
- Detectable pedestrian channelizing barricade



① ROAD CONSTRUCTION AHEAD — W20-I103(0)-48 for contract construction projects

Or

① ROAD WORK AHEAD — W20-1(0)-48 for maintenance and utility projects

SIDEWALK CLOSURE

GENERAL NOTES

This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.

This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.

Temporary facilities shall be detectable and accessible.

The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.

The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corners across the street from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.

Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED April 1, 2016
ENGINEER OF SAFETY ENGINEERING

APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

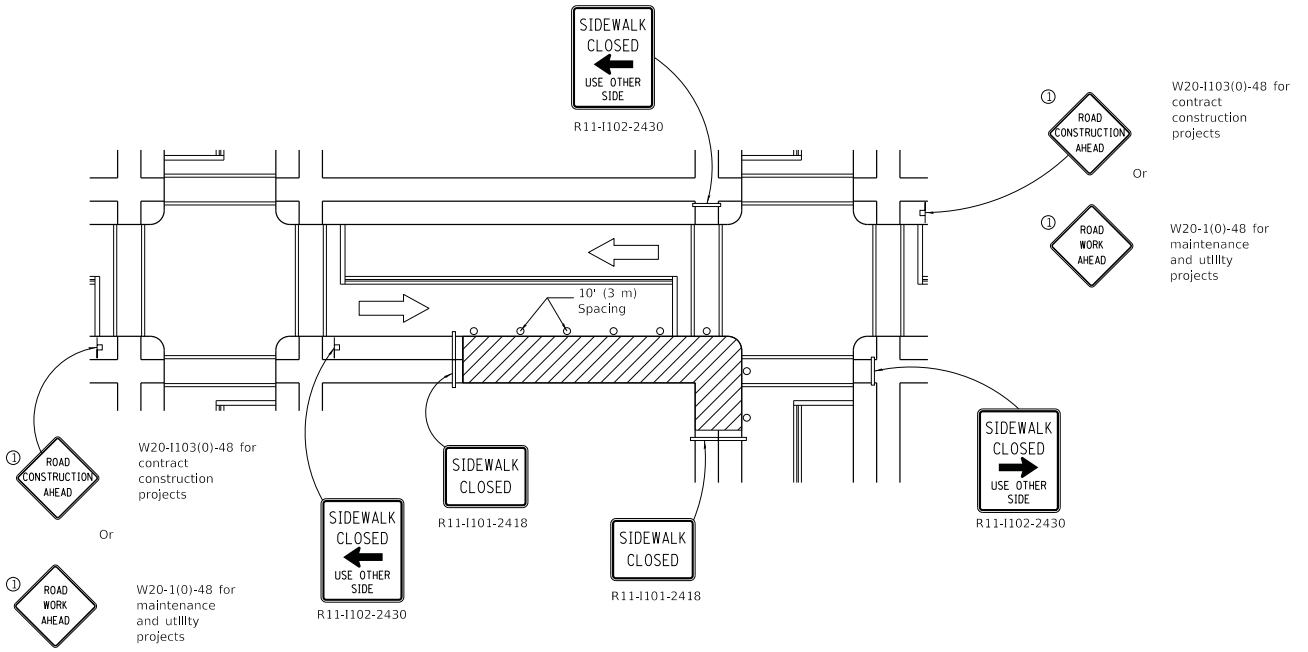
ISSUED 1-1-07

DATE	REVISIONS
4-1-16	Omitted orange safety fence
	from standard as this is
	covered in the std. spec.
1-1-12	Added SIDEWALK DIVERSION.
	Modified appearance of
	plan views. Renamed Std.

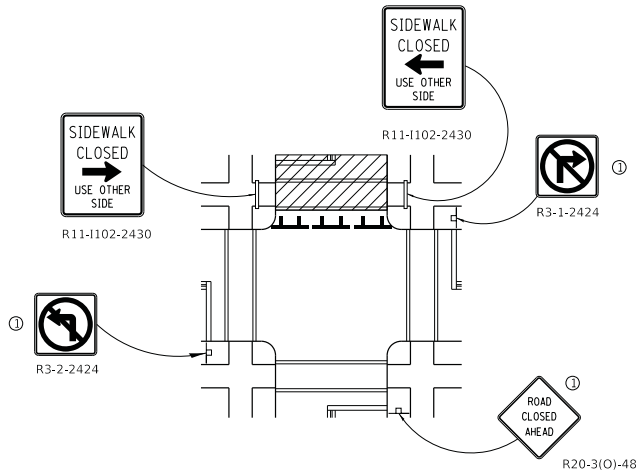
SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06



CORNER CLOSURE



CROSSWALK CLOSURE

Illinois Department of Transportation

PASSED April 1, 2016
ENGINEER OF SAFETY ENGINEERING

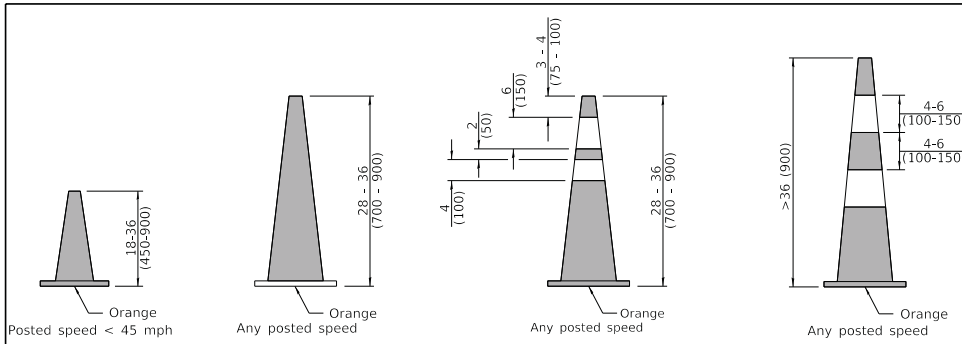
APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 2 of 2)

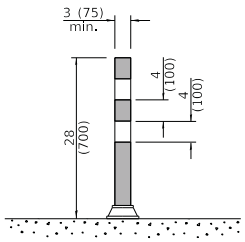
STANDARD 701801-06



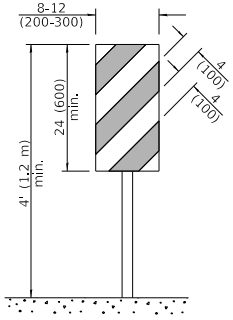
DAYTIME USE

DAY OR NIGHTTIME USE

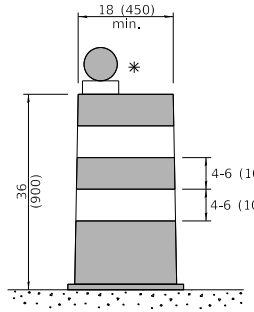
CONES



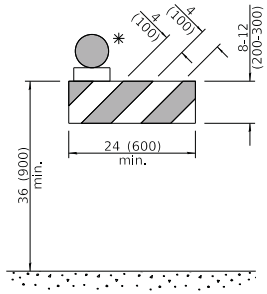
TUBULAR MARKER



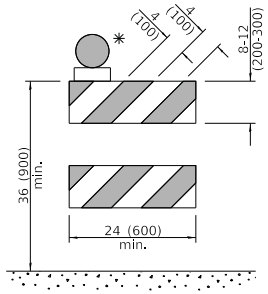
VERTICAL PANEL
POST MOUNTED



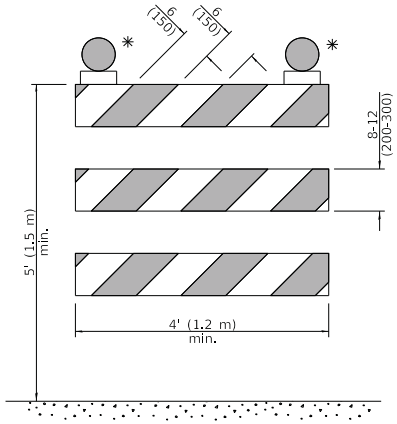
DRUM



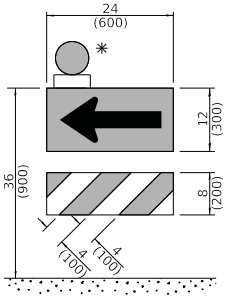
TYPE I BARRICADE



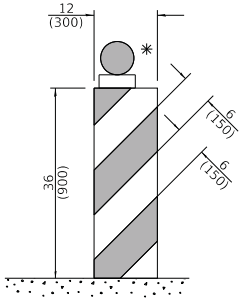
TYPE II BARRICADE



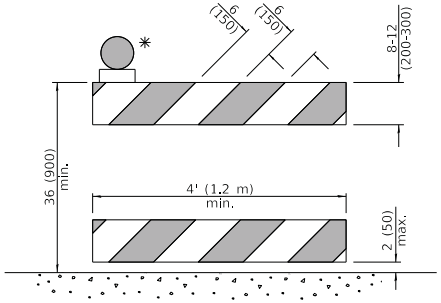
TYPE III BARRICADE



DIRECTION INDICATOR BARRICADE



VERTICAL BARRICADE



DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

✳ Warning lights (if required)

GENERAL NOTES

All heights shown shall be measured above the pavement surface.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2019
ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

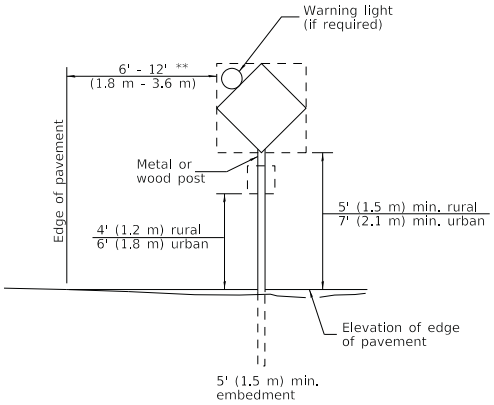
ISSUED 1-1-13

DATE	REVISIONS
1-1-19	Revised cone usage and
	added cones >36" (900 m) height.
1-1-18	Revised END WORK ZONE
	SPEED LIMIT sign from
	orange to white background.

TRAFFIC CONTROL DEVICES

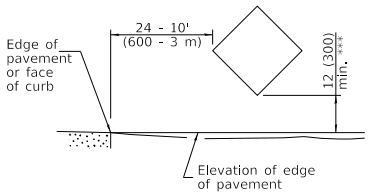
(Sheet 1 of 3)

STANDARD 701901-08



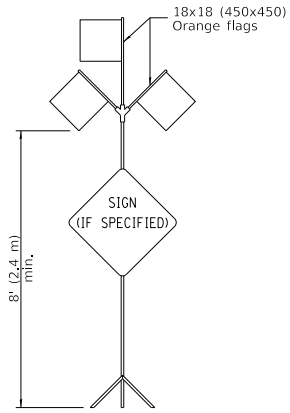
POST MOUNTED SIGNS

** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.



SIGNS ON TEMPORARY SUPPORTS

*** When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.



HIGH LEVEL WARNING DEVICE

G20-I104(0)-6036

G20-I105(0)-6024

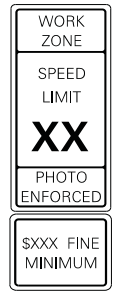
This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multi-lane highways.

WORK LIMIT SIGNING



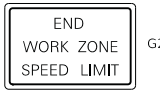
W21-III5(0)-3618

R2-1-3648

R10-I108p-3618 ****

R2-I106p-3618

Sign assembly as shown on Standards or as allowed by District Operations.

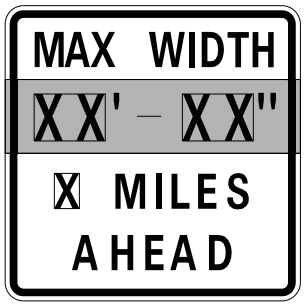


G20-I103-6036

This sign shall be used when the above sign assembly is used.

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

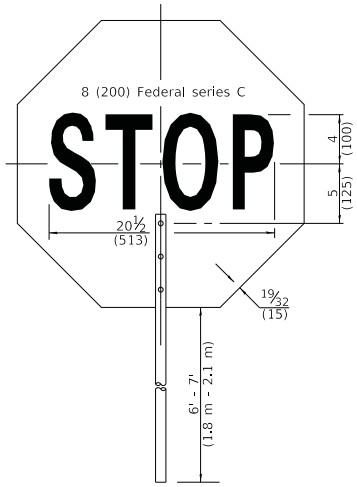
**** R10-I108p shall only be used along roadways under the juristiction of the State.



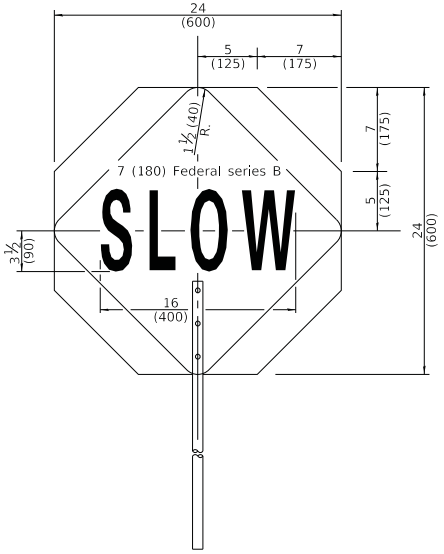
W12-I103-4848

WIDTH RESTRICTION SIGN

XX'-XX" width and X miles are variable.



FRONT SIDE



REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN

Illinois Department of Transportation

APPROVED January 1, 2019
ENGINEER OF SAFETY PROG. AND ENGINEERING

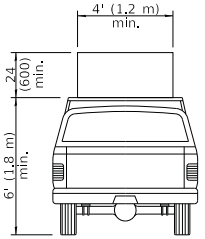
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

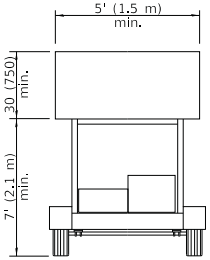
TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

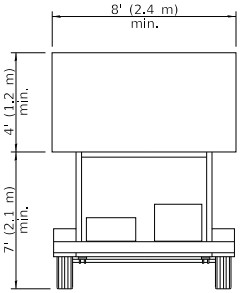
STANDARD 701901-08



**TYPE A
ROOF
MOUNTED**

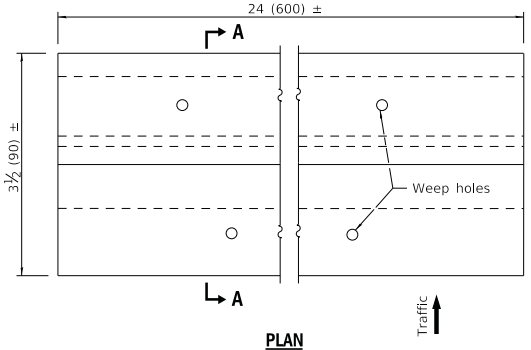


**TYPE B
ROOF OR TRAILER
MOUNTED**

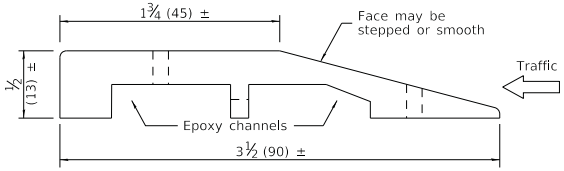


**TYPE C
TRAILER
MOUNTED**

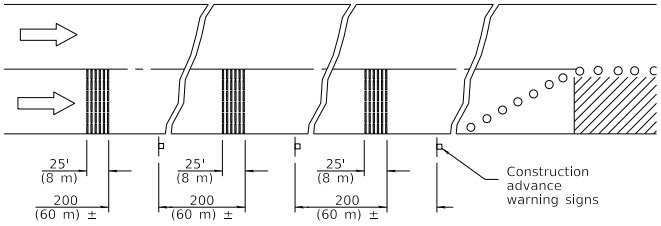
ARROW BOARDS

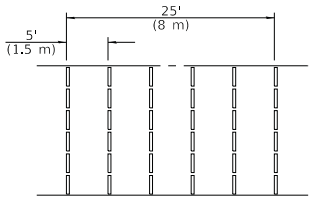


PLAN



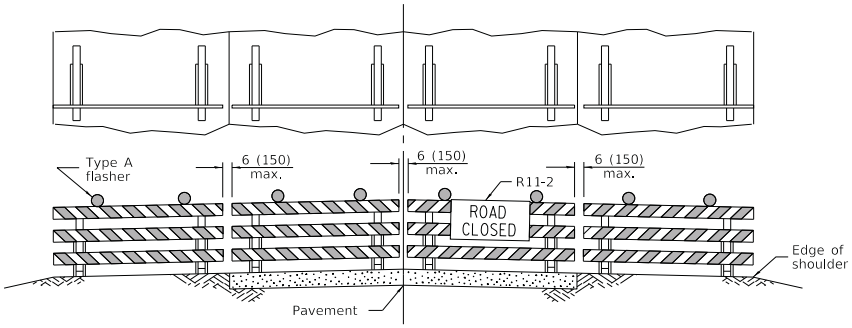
SECTION A-A





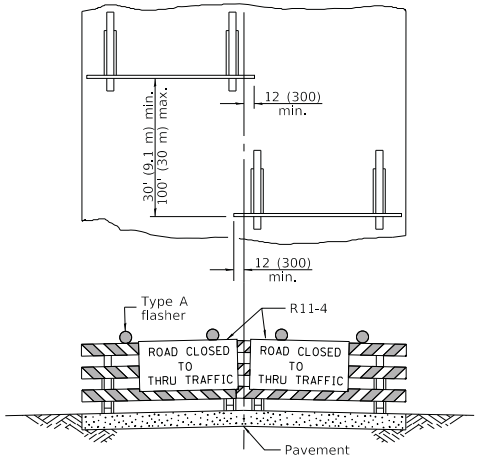
TYPICAL INSTALLATION

TEMPORARY RUMBLE STRIPS



ROAD CLOSED TO ALL TRAFFIC

Reflectorized striping may be omitted on the back side of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.



ROAD CLOSED TO THRU TRAFFIC

Reflectorized striping shall appear on both sides of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the signs may be mounted on NCHRP 350 temporary sign supports directly in front of the barricade.

**TYPICAL APPLICATIONS OF
TYPE III BARRICADES CLOSING A ROAD**

Illinois Department of Transportation

APPROVED January 1, 2019
ENGINEER OF SAFETY PROG. AND ENGINEERING

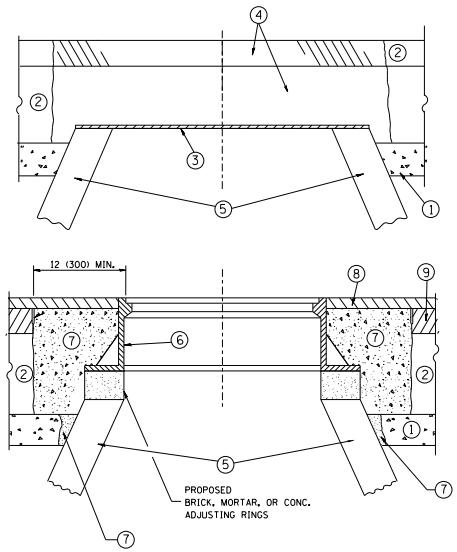
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

TRAFFIC CONTROL DEVICES

(Sheet 3 of 3)

STANDARD 701901-08



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1½ (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

1. SUB-BASE GRANULAR MATERIAL
2. EXISTING PAVEMENT
3. 36 (900) DIAMETER METAL PLATE
4. PROPOSED CRUSHED STONE AND HMA SURFACE MIX
5. EXISTING STRUCTURE
6. FRAME AND LID (SEE NOTES)
7. CLASS PP-1* CONCRETE
8. PROPOSED HMA SURFACE COURSE
9. PROPOSED HMA BINDER COURSE

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

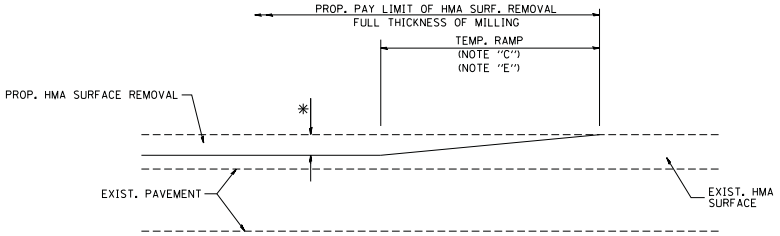
FILE NAME = c:\pw_work\pwidot\bauerdl\d0108315\bd08.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
		DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 1968.5000 ' / m	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING

SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

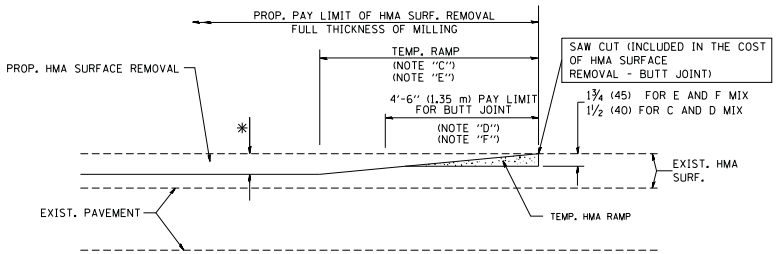
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BD600-03 (BD-8)	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

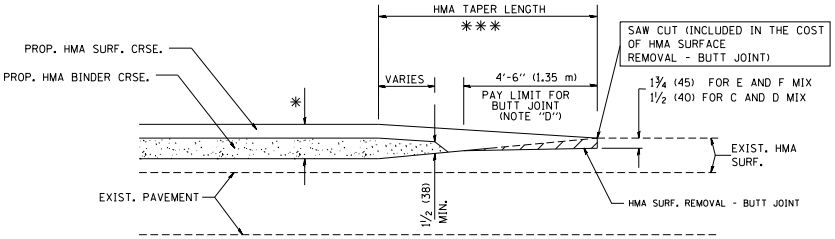


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

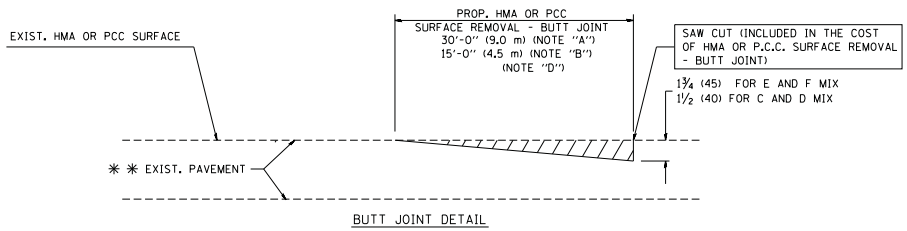
OPTION 2

TYPICAL TEMPORARY RAMP

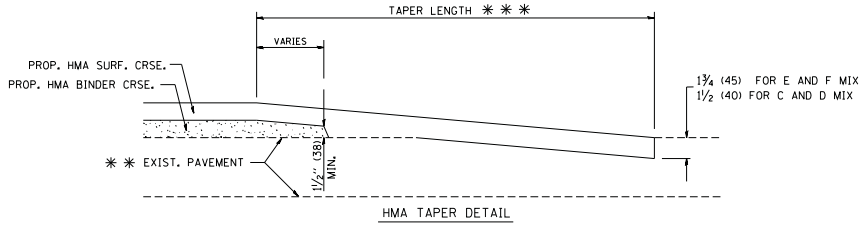


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.

B: MINOR SIDE ROADS.

C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.

F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT

G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

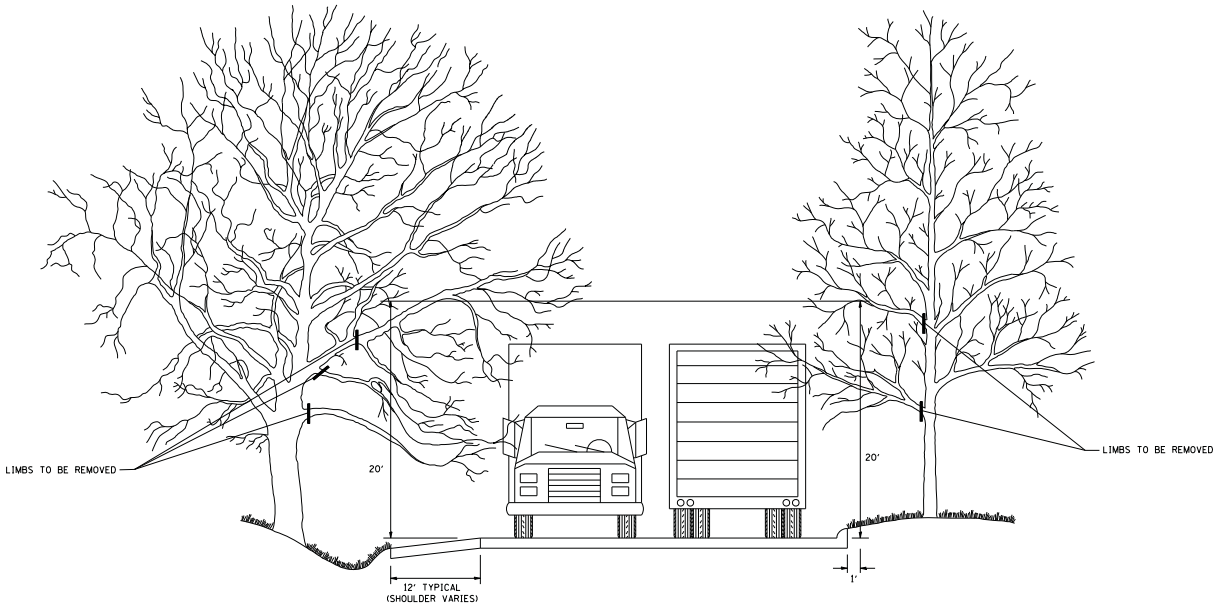
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

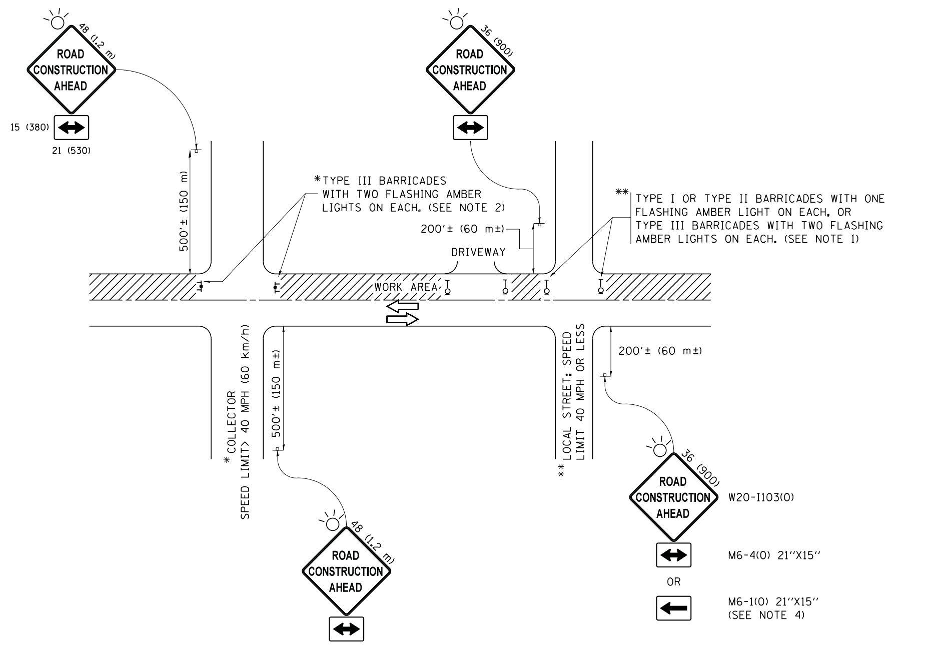
THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\bd32.dgn	USER NAME = gaglianobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT AND HMA TAPER DETAILS	F.A. RTE.	SECTION: BD400-05 BD32
		DRAWN -	REVISED - A. ABBAS 03-21-97				COUNTY
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01				TOTAL SHEETS
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07		SCALE: NONE / SHEET NO. 1 OF 1 SHEETS / STA. / TO STA.		SHEET NO.
						FED. ROAD DIST. NO. 1	ILLINOIS / FED. AID PROJECT
							CONTRACT NO.



FILE NAME = W:\diststd\22x34\bm20.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED - R. BORO 10-31-06	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE**		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -								
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED -					**BM-20**	CONTRACT NO.		
	PLOT DATE = 1/4/2008	DATE -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.

4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.

6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.

7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist\CADData\CADsheets\tc10.dgn	USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
		DRAWN	REVISED -T. RAMMACHER 01-06-00		
	PLOT SCALE = 50.000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13		
Default	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16		SCALE: NONE · SHEET 1 OF 1 SHEETS · STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-10	CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

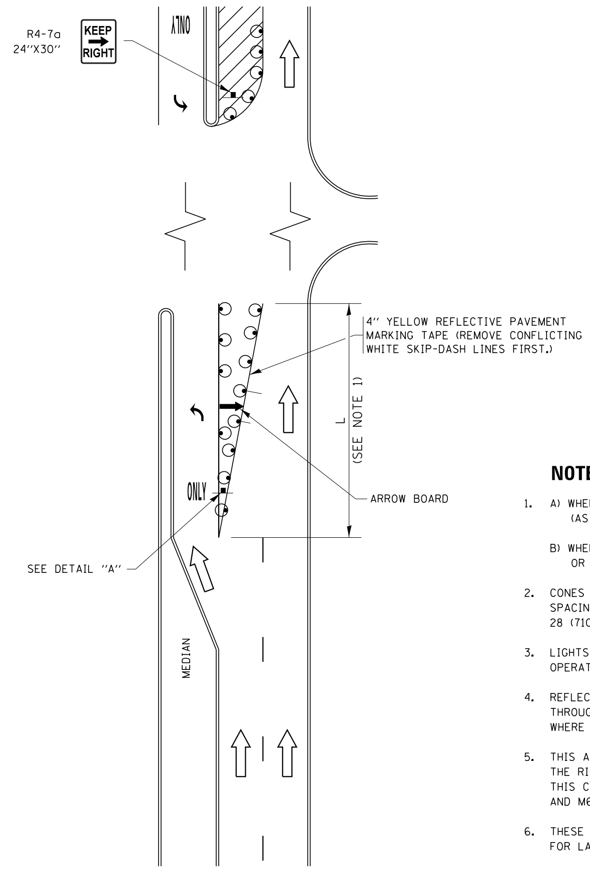
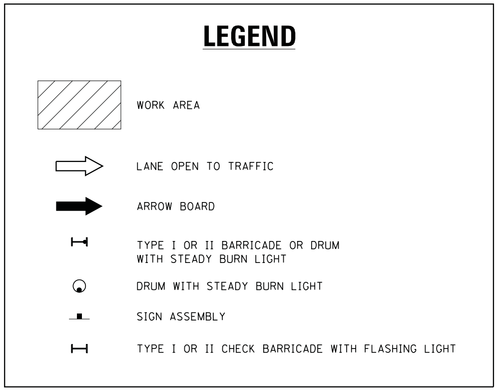


FIGURE 1



TURN BAY ENTRANCE WITHIN A LANE CLOSURE

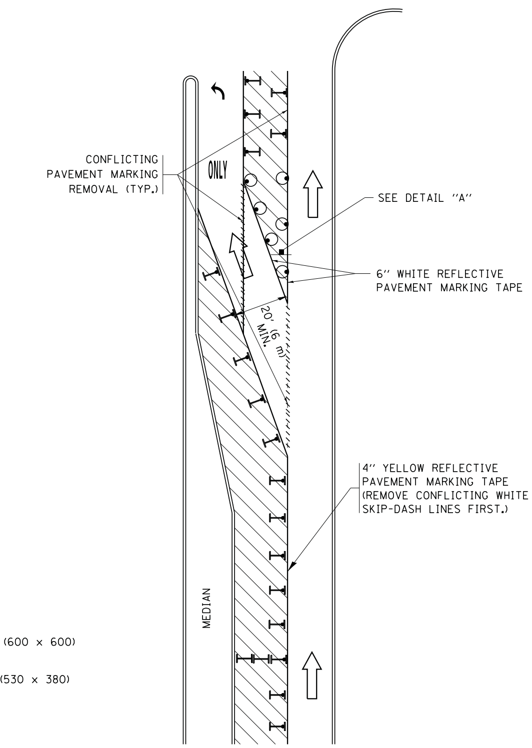


FIGURE 2

NOTES:

1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.

   B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.

2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.

3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.

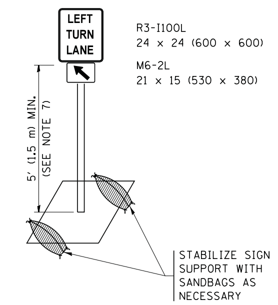
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.

5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.

6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.

7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.

8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



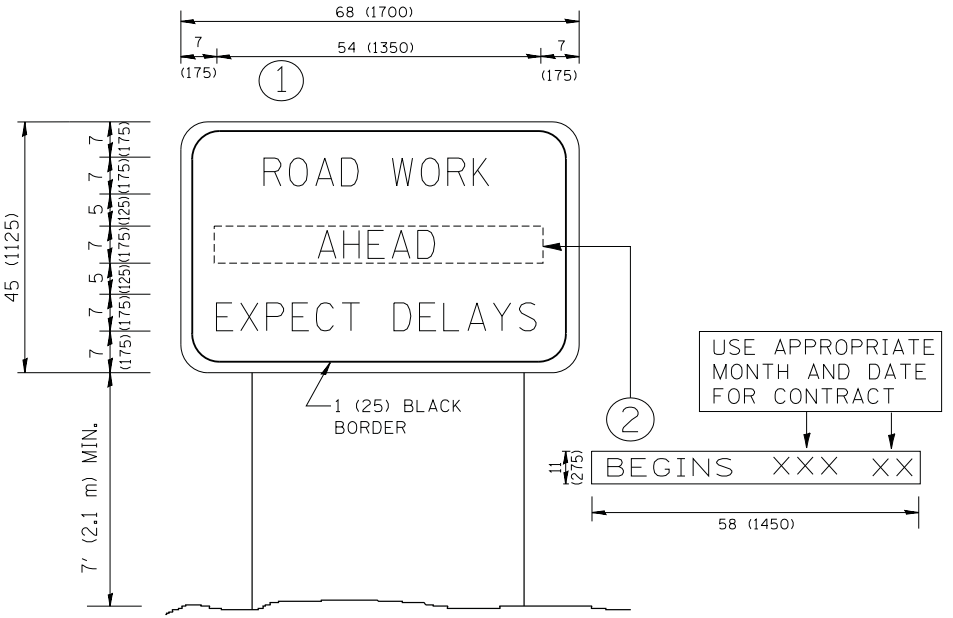
DETAIL A

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = footemj	REVISED -T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist...		REVISED - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13		
	PLOT SCALE = 50.0000 ' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16		SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. TO STA.
Default	PLOT DATE = 9/15/2016	REVISED -T. RAMMACHER 01-06-00	REVISED -		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-14	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

tc14.dgn 9/15/2016 12:48:24 PM User=footemj



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL (2) SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\tc22.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. MIRS 12-11-97									
	PLOT SCALE = 50.000 '/ IN.	CHECKED -	REVISED -T. RAMMACHER 02-02-99						TC-22	CONTRACT NO.		
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

ABC Construction
123 Main St., Chicago, IL 60001

1/1/2017 | Pay Estimate #1 – Clarifying Statement

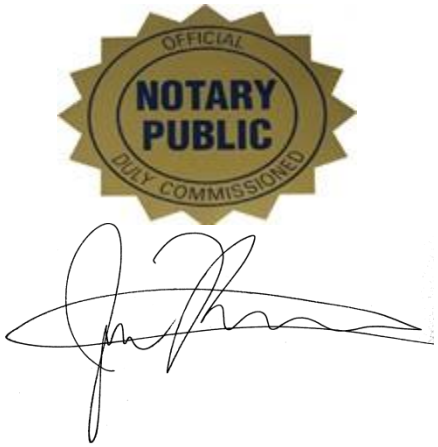
Kyle Johnson
Civil Engineer II
Village of Buffalo Grove
51 Raupp Blvd.
Buffalo Grove, IL 60089

ABC Construction has submitted all necessary certified payroll documentation for Pay Estimate #1 through January 1st, 2017. Payrolls included in this period are:

ABC Construction	Week Ending 12/24/16 #1
	Week Ending 1/1/17 #2
Subcontractor 1	Week Ending 1/1/17 #1

Sincerely,

Joe Smith, Vice President



ABC Construction
123 Main St., Chicago, IL 60001

1/1/2017 | Week of January 1st, 2017 – Weekly Update

Kyle Johnson
Civil Engineer II
Village of Buffalo Grove
51 Raupp Blvd.
Buffalo Grove, IL 60089

Here is the weekly update for the week of January 1(weather permitting)
Monday, January 1 – Curb and concrete driveway removal on West side of Lauren and North side of Mohawk. Access made temporary after removal but before pour.
Tuesday, January 2 – Curb and concrete driveway removal continues on North side Mohawk and East side of Gregg. Access made temporary after removal but before pour.
Wednesday, January 3 – Curb poured on West side of Lauren, North Side of Mohawk and East side of Gregg.
Thursday, January 4 – Concrete driveways and sidewalks poured Lauren, Mohawk, and Gregg.
Friday, January 5 – Structure adjustments and any remaining concrete poured.

ABC Construction will pass out notices the day before notifying residents of this closing and will also knock on door the day of removal to avoid trapping any vehicles in. Concrete curb and aprons are scheduled to be poured starting Wednesday January 3 and there will be no access to driveways for seven days. ABC Construction will distribute a notification of this closureand explain your overnight parking options. Thank you for your patience throughout the ongoing project.

All streets in construction zone will be open but you will encounter delays as we load and unload materials. All driveways will be open during construction except for when we are installing water services directly adjacent to a driveway there will be a time where access will be limited. ABC will notify residents and make arrangements to ensure you have use of your vehicles during this time. Thank you again for your patience and understanding during construction.

Sincerely,

Joe Smith, Vice President

ABC Construction
123 Main St., Chicago, IL 60001
123-123-1234

1/1/2017 Driveway Closure Notice

Resident
Buffalo Grove, IL 60089

As part of the road rehabilitation process a portion of curb, and possibly a portion of your driveway apron, will be replaced. Please have all vehicles out of your driveway by 7 AM on;

_____ , _____, 2017
(day) (date)

During the rehabilitation process you will lose access to your driveway for a maximum of 7 working days from this date regardless of weather. If access is prior to the 7 days it will be recognizable by the removal of the barricades.

Parking: You may park on either side of the street as long as you are not inhibiting curb/driveway removal, consequential replacement of either or as otherwise noted by law. The Police Department has been notified and overnight parking restrictions have been lifted for all roadways under construction and the adjacent streets. For everyone's safety please do not park on the roadways under construction during working hours (7 AM to 6 PM, Monday thru Friday).

Notice: You have received this notice at least 1 day in advance of construction. As a courtesy, we will knock on your door one time the morning of the removal process. It is still up to you to have your car out by 7AM on the noted day. Thank you in advance for your cooperation.

This notice has been hand-delivered to you by the construction contractor, ABC Construction.

Any questions regarding this notice can be directed to the Project Manager Joe Smith at 321-765-4321.

Sincerely,

Joe Smith, Project Manager

3/31/2014
#100302
7/14/2016
#669681

SAMPLE LETTER OF CREDIT

ABC Bank
123 Main Street
Anywhere, Illinois

Irrevocable Standby Letter of Credit No. 1

Beneficiary:
Village of Buffalo Grove
Fifty Raupp Road
Buffalo Grove, IL 60089-219

Applicant:
Developer Company
Lake Cook Road
Buffalo Grove, Il 60089

Issue Date: October 18, 2012
Expiration Date: October 18, 2012

Gentlemen:

We hereby issue in your favor our Irrevocable Standby Letter of Credit No. 1 ("Letter of Credit") in favor of the Village of Buffalo Grove ("Beneficiary") on behalf of Developer Company ("Applicant"), up to the aggregate amount of $171,026.94 (One Hundred Seventy One Thousand Two Hundred Fifty Nine and 94/100 United States Dollars) to be available by draft(s) at sight. This credit is issued presentable and payable at the offices of our ABC Bank 123 Main Street, Anywhere, Illinois Attn: Letter of Credit Department and expires at 5:00 PM Chicago time on October 18, 2013 (subject to extension of such expiry date, as provided below).

This Credit is available against presentation of draft(s) drawn at sight on ABC Bank, Anywhere, Illinois. All draft(s) drawn under this Letter of Credit must bear the clause "Drawn under ABC Bank Irrevocable Letter of Credit No. 1 dated October 18, 2012", and be accompanied by this original Letter of Credit (and amendments, if any) and a dated certificate of an authorized official agent of the Village of Buffalo Grove (signed as such), certifying that either:

1) Said Letter of Credit is about to expire and has not been extended; or
2) Work has not been completed and formally accepted by the President and Board of Trustees of the Village of Buffalo Grove, in accordance with the plans specification, and agreements (including amendments thereof) for the project commonly known as Residential Development on Main Street.

This Letter of Credit shall be automatically extended for an additional period of one year from the present and each future expiration date unless we have notified the Beneficiary in writing, no more than one hundred twenty (120) calendar days nor less than sixty (60) calendar days before such expiration date, that we elect not to extend this Letter of Credit. Our notice of such election shall be sent by certified mail overnight courier service to the above Beneficiary address Attention: Village Clerk. Drafts must be

presented to drawee bank no later than 5:00 PM Central Time on or before the expiry day. Upon receipt by you of our notice of election not to extend this Letter of Credit, you may draw hereunder prior to the then current expiration date of this Letter of Credit.

We hereby agree with you that drafts drawn under and in compliance with the terms of this Letter of Credit shall be honored no later than the close of the third banking day following the presentment. If we fail to honor same, we agree to pay all attorneys fees, court costs and other expenses incurred by the Village of Buffalo Grove in enforcing the terms of this Letter of Credit.

Cancellation of Letter of Credit prior to expiration: This Letter of Credit (and amendments, if any) must be returned to us for cancellation with a statement signed by the Beneficiary stating that the Letter of Credit is no longer required and is being returned to the issuing bank for cancellation.

Jurisdiction of this letter of Credit shall be in the State of Illinois and venue shall be Cook County.

Please address all correspondence regarding this Letter of Credit to the attention of our Letter if Credit Department mentioning our Letter of Credit as it appears above.

Very Truly Yours,
ABC Bank

By:
Its: Vice President

Village of Buffalo Grove

2020 Construction Progress Payment Payout Schedule

Revision Date: 1.14.20

Invoice Must Be Received By 3PM On:	For Board Approval On:	Approx. Date Check Available:
Wednesday, January 8th, 2020	Tuesday, January 21st, 2020	Thursday, January 23rd, 2020
Wednesday, January 22nd, 2020	Monday, February 3rd, 2020	Wednesday, February 5th, 2020
Wednesday, February 5th, 2020	Tuesday, February 18th, 2020	Thursday, February 20th, 2020
Wednesday, February 29th, 2020	Monday, March 2nd, 2020	Wednesday, March 4th, 2020
Wednesday, March 4th, 2020	Monday, March 16th, 2020	Wednesday, March 18th, 2020
Wednesday, March 25th, 2020	Monday, April 6th, 2020	Wednesday, April 8th, 2020
Wednesday, April 8th, 2020	Monday, April 20th, 2020	Wednesday, April 22nd, 2020
Wednesday, April 22nd, 2020	Monday, May 4th, 2020	Wednesday, May 6th, 2020
Wednesday, May 6th, 2020	Monday, May 18th, 2020	Wednesday, May 20th, 2020
Wednesday, May 20th, 2020	Monday, June 1st, 2020	Wednesday, June 3rd, 2020
Wednesday, June 3rd, 2020	Monday, June 15th, 2020	Wednesday, June 17th, 2020
Monday, June 22nd, 2020	Wednesday, July 1st, 2020	Monday, July 6th, 2020
Wednesday, July 8th, 2020	Monday, July 20th, 2020	Wednesday, July 22nd, 2020
Wednesday, July 22nd, 2020	Monday, August 3rd, 2020	Wednesday, August 5th, 2020
Wednesday, August 5th, 2020	Monday, August 17th, 2020	Wednesday, August 19th, 2020
Monday, August 24th, 2020	Monday, August 31st, 2020	Wednesday, September 2nd, 2020
Monday, August 31st, 2020	Tuesday, September 8th, 2020	Thursday, September 10th, 2020
Wednesday, September 9th, 2020	Monday, September 21st, 2020	Wednesday, September 23rd, 2020
Wednesday, September 23rd, 2020	Monday, October 5th, 2020	Wednesday, October 7th, 2020
Wednesday, October 7th, 2020	Monday, October 19th, 2020	Wednesday, October 21st, 2020
Wednesday, October 21st, 2020	Monday, November 2nd, 2020	Wednesday, November 4th, 2020
Wednesday, November 4th, 2020	Monday, November 16th, 2020	Wednesday, November 18th, 2020
Wednesday, November 25th, 2020	Monday, December 7th, 2020	Wednesday, December 9th, 2020
Wednesday, December 9th, 2020	Monday, December 21st, 2020	Wednesday, December 23rd, 2020

- All dates subject to change
- No payment will be released or mailed out until all certified payroll, waivers and material inspection are collected and reviewed by the Village Attorney. Trailing waivers will not be accepted.
- It is up to the contractor and project representative to agree to a pay estimate before submitting an invoice. Failure to do so may result in that pay period being missed.
- If a check is to be picked up and not mailed, the Contractor must inform the Village of the representative that will be picking up the check and that individual will have to present proper identification at time of pick up.

TEMPORARY NO PARKING

_____

TIME:

_____

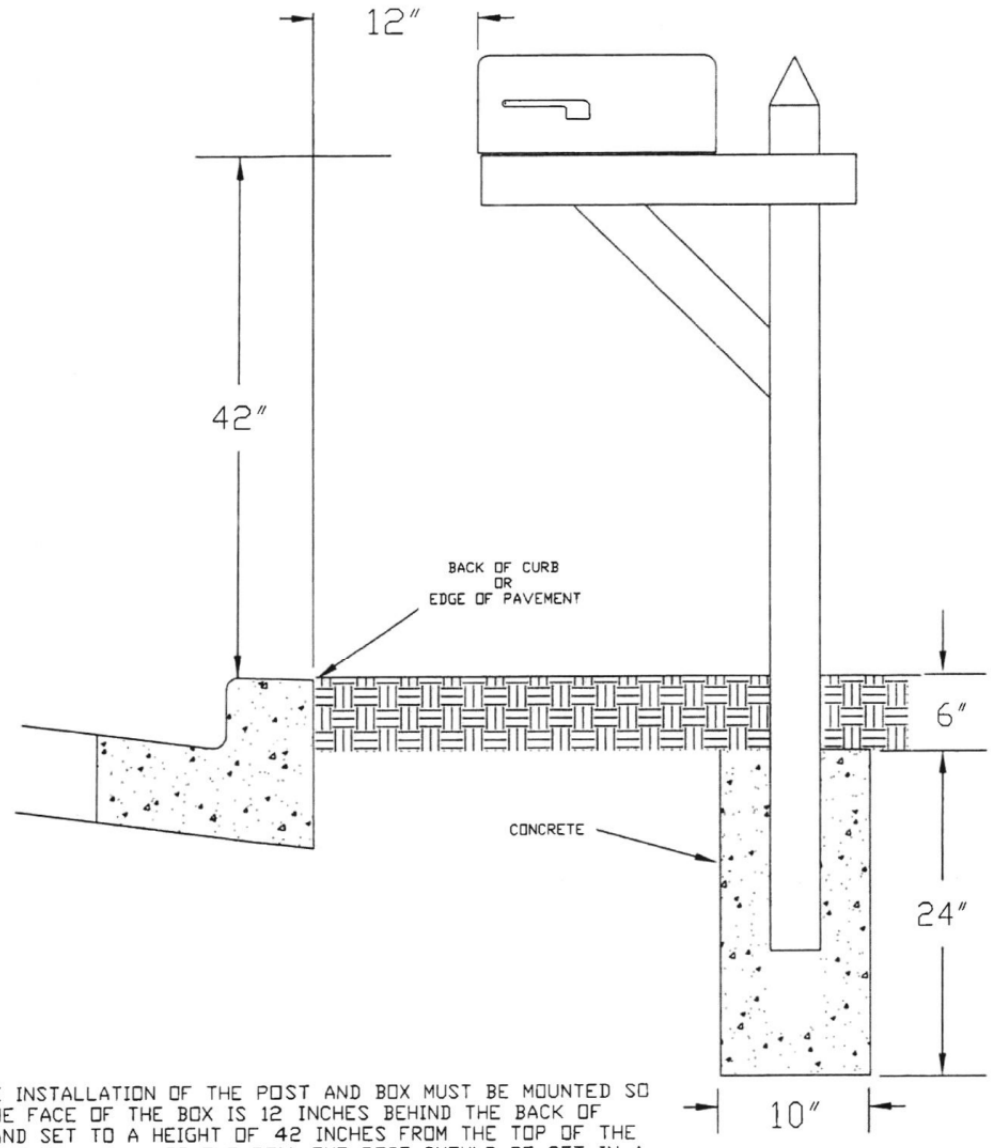
_____

DATE:

_____

CONSTRUCTION ZONE

Note – Hand written information must be dark, legible and large. Sign shall be printed on more than paper, unless laminated. Must withstand winds and stay on stake/lath.



THE INSTALLATION OF THE POST AND BOX MUST BE MOUNTED SO THE THE FACE OF THE BOX IS 12 INCHES BEHIND THE BACK OF CURB AND SET TO A HEIGHT OF 42 INCHES FROM THE TOP OF THE CURB TO THE BOTTOM OF THE BOX. THE POST SHOULD BE SET IN A HOLE 10 INCHES IN DIAMETER AND 30 INCHES DEEP.

CONCRETE SHOULD BE PLACED AROUND THE POST AND UP TO 6 INCHES FROM THE FINISHED SURFACE.

THE MATERIAL USED FOR THE POST SHALL BE A 4" X 4" PRESSURE TREATED POST OR 1 1/2" I.D. MINIMUM TO A 2" I.D. MAXIMUM STEEL OR ALUMINUM POST, MAXIMUM WALL THICKNESS 0.154".

MAILBOX INSTALLATION

G:\ENGINEER\FORMS\MAILBOXINSTALLATION.DWG

EXHIBIT NO.109
MATERIALS LIST

Date of revision: 1/1/16

Water Distribution Material Specifications:

Water main pipe.	Ductile Iron Pipe. Pipe class thickness—AWWA C150, minimum thickness, Class 52. Pipe—AWWA C151. Pipe lining—AWWA C104. Fittings—AWWA C153. Joints—mechanical and push-on, AWWA C111. Wrap—4 mil. X-Lam conforming to AWWA C105.A21.5 and AWWA C600. No 90 degree bends allowed. All stainless steel trim.
Valves.	American Flow Control, Series 2500 resilient wedge gate valve, All sizes two inch to fourteen inch, counter clockwise to open, AWWA C500., AWWA C504. Clow AWWA C-504 Butterfly Valve for sixteen inch and above. Joint end—mechanical, AWWA C111. All stainless steel trim.
Valve Vault.	All structures shall be monolithically precast with designed openings or mechanically cored in the field and shall have rubber boots conforming to ASTM C-923. Dog house vaults are excluded from these requirements when permitted by Village Engineer. Size: For six and eight inch diameter valves, valve vaults shall have a forty-eight inch inside diameter; for pressure connections and valves ten inches and larger in diameter, valve vaults shall have a sixty inch inside diameter. All valve vault cones must be eccentric centers with valve properly aligned.
Castings.	East Jordan Iron Works 1022 Frame and Lid or Neenah R-1713, embossed per Exhibit No. 401 of Buffalo Grove Numerical Code Title 16.
Fire Hydrant.	Waterous Pacer Model WB67-250, AWWA C502, painted fire engine red above ground, with resilient wedge auxiliary gate valve. Nozzles, two at two and one half inch, one at four and one half inch, with threads conforming to National Standard Specifications. Frangible section (breakaway type) with the break line flange located one inch above finished grade. Joint end, six inch, mechanical or push-on. All stainless steel trim. Auxiliary boxes and hydrants shall be a direct flange-to-flange connection.
Fire hydrant extension	Fire hydrant extensions and parts to be manufactured by Waterous only. All stainless steel trim.
Hydrant Valve Box \ Valve boxes	Hydrant Valve Box Tyler 664-S. Lid embossed "WATER." Rubber valve box stabilizer required.
Service Pipe.	Copper tube, two inches and smaller, ASTM B88, Type K (1" minimum). Ductile iron, larger than two inches. Conform to Water main section above. Service upgrade for existing water main requires a stainless steel tap repair clamp. Ford model FS1-CC, minimum length 15” long.
Corporation Stop.	Mueller H15000, 1” minimum, AWWA C800. 1” Direct tap or 1 1/4” and larger shall use Ford FC202 stainless steel band, epoxy coated saddle.
Curb Stop.	Copper service, Mueller H-15154. Ductile iron service, Resilient wedge counter clockwise to open, AWWA C500. Joint end—mechanical, AWWA C111.
Curb box	Copper service, Mueller H-10302. Ductile iron service, conform to Hydrant Valve Box section above. Ductile iron service, 6” and larger, conform to Valve Vault section above.
Copper to Copper Fittings	Mueller Company Model #H-15400. An all flared coupling is required, no sweat joint or compression allowed.
Pressure Connections	Ford FTSS style tapping sleeve. American Flow Control Series 2500 tapping valve four inch minimum. All stainless steel trim.

Sanitary Sewer Material Specifications:

Sewer and Service Connection Pipe	Reinforced concrete pipe—circular reinforcement, minimum Class 3, ASTM C76, with epoxy lining. PVC solid wall (SDR-26H) pipe—ASTM D-3034 for six to fifteen inches in diameter.
Sewer and Service Connection Pipe Joints.	Reinforced concrete pipe—ASTM C443. PVC solid wall (SDR-26H) pipe—ASTM D-3212 for six to eighteen inches in diameter.
Sewer and Service Connection Pipe Fittings	PVC solid wall (SDR-26H) pipe—ASTM D3034 for six to fifteen inches in diameter.
Casing Pipes.	Steel pipe—ASTM A120, three-eighths inch minimum thickness.
Manholes	Size: For sewer eighteen inch diameter or less, manhole shall have a forty-eight inch inside diameter. For sewer twenty-one inch to thirty-six inch diameter, manhole shall have a sixty inch inside diameter. For sewer greater than thirty-six inch diameter, manhole shall have an offset riser pipe of forty-eight inch inside diameter. All structures shall be monolithically precast including bases and invert flow lines.
Castings.	East Jordan Iron Works Frame 1022 or Neenah R-1713, with self-sealing lid and recessed pick hole, embossed per Exhibit No. 301 of Buffalo Grove Numerical Code Title 16.

Storm Sewer System Material Specifications:

Structures.	All structures shall be precast with designed openings or mechanically cored in the field.
Castings.	Closed Lid, East Jordan Iron Works 1022 or Neenah R-1713, embossed per Exhibit No. 201., Open Lid, East Jordan Iron Works 1022 or Neenah R-1713, Standard B4.12 or any other barrier curb, Type 11— East Jordan Iron Works 7210 or Neenah 3281-A or Neenah 3170 on existing structures where required. Box height must be 6" minimum with 5' tapers to match curb height., Depressed barrier curb, Type M3 Grate, Yard inlet, Type 8— East Jordan Iron Works 6517 or Neenah R-4340-B
Sewer Pipe Joints.	Reinforced concrete pipe—ASTM C443 or C361. PVC solid wall (SDR-26H) pipe—ASTM D-3212 for six to eighteen inches in diameter.
Sump pump service connection pipe/sub surface drain pipe.	4" PVC solid wall sewer pipe SDR-35. Blind connections must be cored in storm sewer and pipe connection shall be made with a rubber boot and stainless steel band. Sump pump per Exhibit No. 202 of Buffalo Grove Numerical Code Title 16 and underdrain per Exhibit No. 203.

Material Specifications For All Utilities:

Bedding	CA-11, Class B or better. All stone shall be crushed; rounded aggregate will not be permitted. The stone shall be compacted to 90% modified proctor density as required by ASTM D1557 or AASHTO T-180. Recycled materials permitted from IDOT approved sources meeting the correct gradations.
Trench Backfill	CA-11, Class B or better. This item shall meet the requirements of Class B CA-11, per the IDOT Standard Specifications for Road and Bridge Construction. All stone shall be crushed; rounded aggregate will not be permitted. The stone shall be compacted to 95% modified proctor density as required by ASTM D1557 or AASHTO T-180. Jetting of trenches is not permitted. Recycled materials permitted from IDOT approved sources meeting the correct gradations.
Adjustments	No more than two precast concrete adjusting rings with six inch maximum height adjustment shall be allowed, minimum one 2" ring installed on new structures. All adjustment rings less than 2" shall be HDPE rings. Only one HDPE may be used within the precast tolerances. Only precast concrete or

	HDPE adjustment rings permitted. ½" x 3.5" mastic to be used between all frames, rings and structures. Mortar around rings, but none between. Bed of mortar can be used on cone or flat top of structure.

Miscellaneous Material Specifications:

Detectable Warnings	East Jordan Iron Works or Neenah cast iron detectable warnings. Color shall be brick red.
Concrete	In accordance with IDOT Standard Specifications for Road and Bridge Construction
Asphalt	In accordance with IDOT Standard Specifications for Road and Bridge Construction and Section 16.50.070 of the Village of Buffalo Grove Municipal Code

* The Village Engineer shall have the authority to approve the use of alternative materials than those specifically required by Exhibit 109 in the manner provided for in Title 16 of the Village of Buffalo Grove Numerical Code. The Village Engineer may approve alternative materials that are not specifically required by this title when:

1. The materials or their components required by this title are no longer manufactured and available for purchase; and

2. The alternative materials are generally consistent with requirements of this title, including but not limited to those standards relating to production, composition, safety and aesthetics.

Testing Specifications:

(In addition to the requirements of IDOT's Standard Specifications for Road and Bridge Construction or the Standard Specifications for Water and Sewer Construction in Illinois)

Storm Sewer	Cleaning and televising, with reporting, as directed by the Village Engineer
Sanitary Sewer	Cleaning and televising, with reporting, as directed by the Village Engineer

*When conflicting information exists between the plans specifications and this exhibit number 109 the information listed in exhibit number 109 shall govern. All castings on a project or development shall come from a single manufacturer.

SOIL AND MATERIAL CONSULTANTS, INC.

Office: 847-870-0544
Fax: 847-870-0661
us@soilandmaterialconsultants.com
www.soilandmaterialconsultants.com

December 10, 2019
File No. 24900

Mr. Kyle E. Johnson, P.E., CFM
Village of Buffalo Grove
51 Raupp Boulevard
Buffalo Grove, IL 60089

Re: Pavement & Geotechnical Investigation
2020 Water Main Improvements
Buffalo Grove, Illinois

Dear Mr. Johnson:

The following is our report of findings for the pavement and geotechnical investigation completed on various streets in the Village of Buffalo Grove, Illinois.

The investigation was requested to determine current pavement and subsurface conditions at select locations. The findings of the field investigation and the results of laboratory testing are intended to assist in the planning, design and construction of proposed water main improvements.

SCOPE OF THE INVESTIGATION

The field investigation included obtaining 12 pavement cores and 4 soil borings at the locations requested and as indicated on the enclosed location sketches. The locations were established using field taping methods and accuracy.

We auger drilled the 4 borings to depths of 10.0 feet below existing surface elevations. Soil samples were obtained using a split barrel sampler advanced utilizing an automatic SPT hammer. Soil profiles were determined in the field and soil samples returned to our laboratory for additional testing including determination of moisture content. Cohesive soils obtained by split barrel sampling were tested further to determine dry unit weight and unconfined compressive strength.

The results of all field determinations and laboratory testing are included in summary with this report.

RESULTS OF THE INVESTIGATION

Enclosed are the core and boring logs indicating the pavement and soil conditions encountered at each location. The summary table below indicates pavement materials and thicknesses encountered at each location. Please refer to the individual core logs and pictures for more detailed information.

Core	HMA Surface (in.)	HMA Binder (in.)	Total HMA (in.)	Granular Base (in.)	Total Pavement (in.)
1	**2.0**	3.0	5.0	7.5	12.5
2	1.5	3.75	5.25	5.25	10.5
3	3.5	2.0	5.5	7.0	12.5
4	4.5	2.25	6.75	5.5	12.25
5	**3.75**	1.5	5.25	9.75	15.0
6	5.25*	**1.75**	7.0	7.5	14.5
7	4.5	3.75	8.25	5.25	13.5
8	**4.75***	**1.5**	6.25	6.0	12.25
9	2.25*	5.25	7.5	6.5	14.0
10	**4.75***	2.25	7.0	7.25	14.25
11	4.25*	1.5	5.75	5.25	11.0
12	3.0	1.75	4.75	10.5	15.25

BOLD indicates failure in the bituminous layer
* indicates the presence of a reflective crack control fabric

Soil borings were performed at core locations 1, 5, 8, and 11. Fill soil conditions were encountered at boring B-1. Composition of the fill includes the presence of clay/silt mixtures extending to a depth of 2.0 feet. The limits of fill placement were not determined within the scope of this investigation. Larger debris may also be present within the fill but was not encountered during the investigation.

Underlying natural soil conditions include the presence of cohesive soils. These are classified as very tough to very hard clay/silt mixtures with lesser portions of sand and gravel.

Non-cohesive soils were also encountered as indicated at borings B-5 and B-11. These include loose to medium dense silt/clay mixtures. Cobbles and boulders may be present within the site soils at any elevation, although none were encountered while drilling.

The following table summarizes depth ranges below existing grade, the magnitude of soil strength within these ranges and other information:

Boring	Depth Range Below Existing Surface (feet)	Soil Strength (lbs./sq.ft.)	Recorded Water Levels, W.D./A.D. (feet)
1	1.5 to 2.5	3,000	dry/dry
	2.5 to 7.0	4,000	
5	1.5 to 7.0	2,000	5.0/7.0
8	1.5 to 2.5	7,000	dry/dry
	2.5 to 7.0	8,000	
11	1.5 to 7.0	2,000	5.0/8.5

The boring logs and the above table indicate the depth at which subsurface water was encountered in the bore holes at the time of the drilling operations and during the period of these readings. It is expected that fluctuations from the water levels recorded will occur over a period of time due to variations in rainfall, temperature, subsurface soil conditions, soil permeability and other factors not evident at the time of the water level measurements.

DISCUSSION

The water main can be supported on the undisturbed natural soils located below all low strength soils and other unsuitable conditions which may be encountered. Soil strength values and the depths at which they are expected to be encountered at each boring location are indicated in the above table. When the pipes are placed in an open cut excavation, a granular bedding, CA07/CA11, should be used to support the pipes on the undisturbed natural soils.

In the unimproved areas, the trench excavation can be backfilled with the suitable non-organic soils from the trench. In the improved areas, such as under pavements and sidewalks, the trench should be backfilled with compacted crushed granular fill (CA06). The backfill should be placed in lifts not to exceed 12.0 inches when uncompacted. Each lift should exceed the minimum compaction requirement prior to the placement of the next lift. We would recommend a minimum of 95% compaction based on the modified Proctor test, ASTM D-1557, be achieved in the pavement and sidewalk areas and a minimum of 85% in the unimproved areas.

DEWATERING

Excavations may require dewatering due to subsurface water seepage and/or surface precipitation. This water can be removed by standard sump and pump operations. Soils exposed at pipe elevations should not be permitted to become saturated. Loss of bearing strength and stability may occur, requiring additional soil excavation.

Filled soils, granular base material, non-cohesive soils and others can be unstable when saturated. These soils tend to cave or run when submerged or disturbed. The stability of exposed embankments is minimal to non-existent as confining soil pressures are removed.

Proper drainage within excavations is necessary at all times, particularly when excavations extend below anticipated water levels and below saturated soils.

The contractor should be made responsible for designing and constructing stable temporary excavations. Also, the contractor should shore, slope, bench or restrain the sides of the excavations as required to maintain stability of both the excavation sides and bottom. In no case, should the slope, slope heights, or excavation depth exceed those in the local, state, and federal safety regulations.

CONCLUSION

The information within this report is intended to provide initial information concerning pavement and subsurface soil conditions on the site. Variations in pavement and subsurface conditions are expected to be present between test locations due to naturally changing soil and disturbed conditions. Our understanding of the proposed improvements is based on information available to us at the writing of this report.

Aggregates placed as structural fill should be tested as the work progresses to verify that minimum compaction requirements have been met. We recommend that soil conditions encountered at pipe elevations be tested to verify the presence of suitable soil prior to placement of the bedding material.

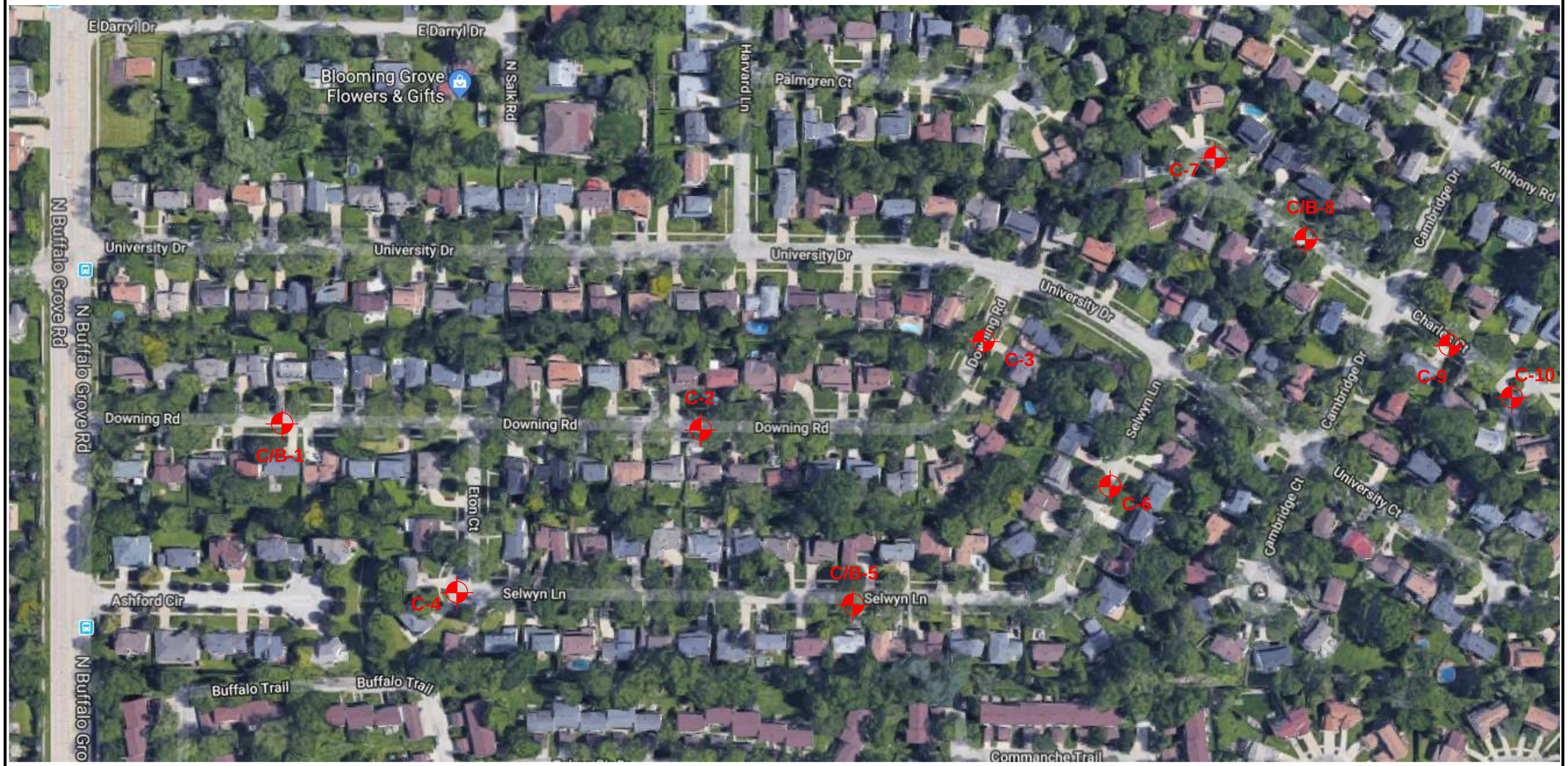
If you have any questions concerning the findings or recommendations presented in this report, please let me know.

Very truly yours,

SOIL AND MATERIAL CONSULTANTS, INC.

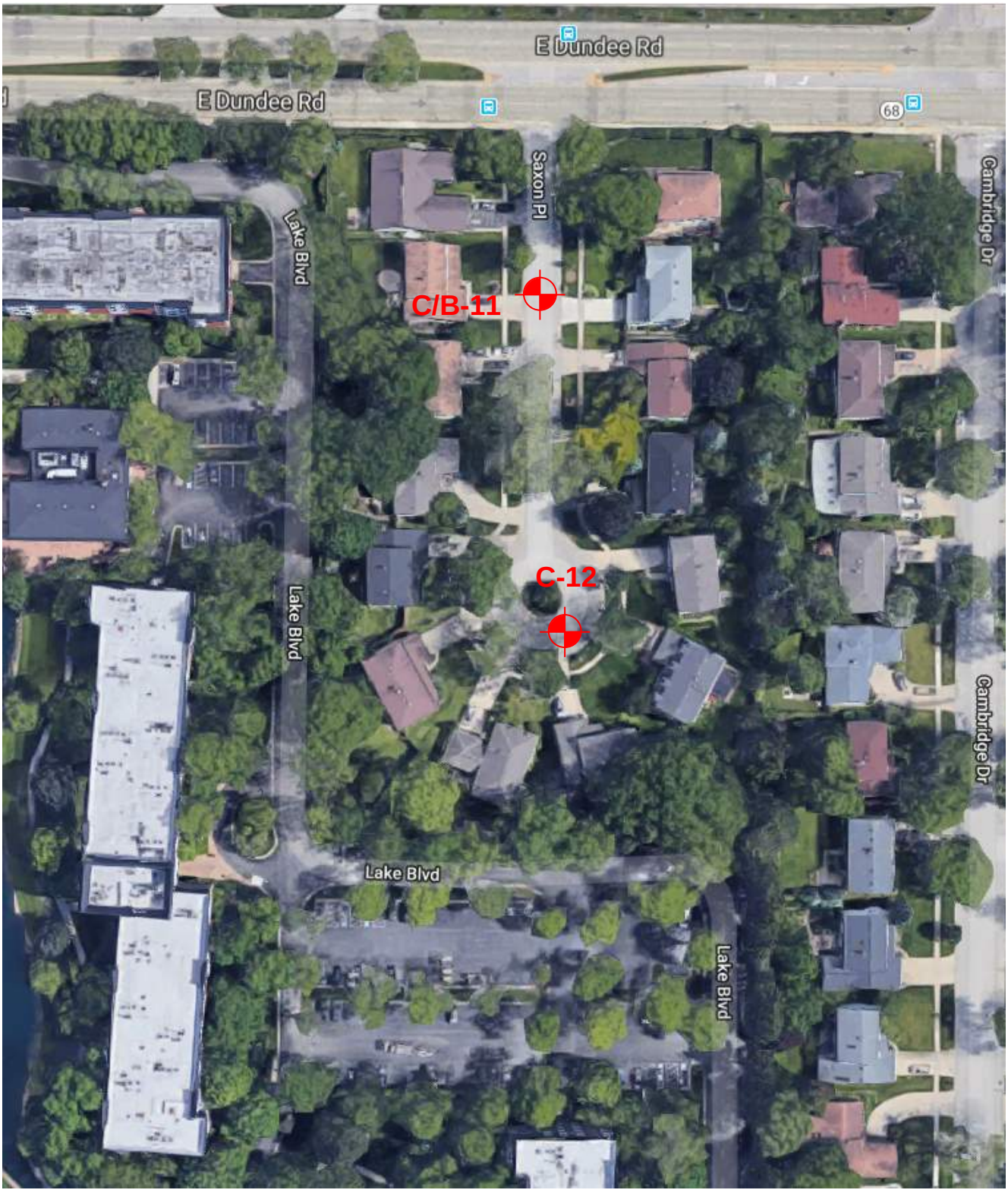
Thomas P. Johnson, P.E.
President

TPJ:ek
Enc.



N

SMC	SOIL AND MATERIAL CONSULTANTS, INC.	LOCATION SKETCH
Client:	VILLAGE OF BUFFALO GROVE	
Project:	2020 WATER MAIN IMPROVEMENTS	
Location:	BUFFALO GROVE, ILLINOIS	
File No. 24900	Date: 12-6-19	Scale: NONE



N

SMC	SOIL AND MATERIAL CONSULTANTS, INC.	LOCATION SKETCH
Client:	VILLAGE OF BUFFALO GROVE	
Project:	2020 WATER MAIN IMPROVEMENTS	
Location:	BUFFALO GROVE, ILLINOIS	
File No. 24900	Date: 12-6-19	Scale: 1" ≈ 100'

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 11/27/19

File No.: 24900

CORE LOG

Client: Village of Buffalo Grove

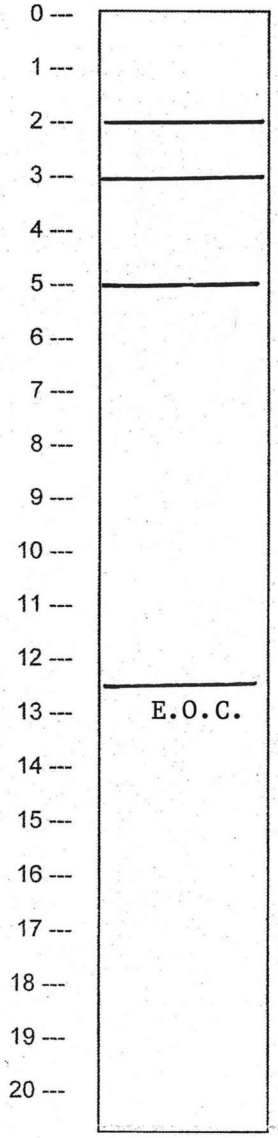
Reference: 2020 Water Main Improvements
Buffalo Grove, IL

Core No: 1

Work Done By: DB & JL

Location of Core: 65 Downing Rd., 7' S. of CL

Comments:



	Type of Material	Recovery
2-0"	Bituminous concrete - surface (failed)	Partial
1-0"	Bituminous concrete - binder	Full
2-0"	Bituminous concrete - binder	Full
7-1/2"	Crushed & uncrushed gravel with fines	Partial
Total 12-1/2"		

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 11/27/19

File No.: 24900

CORE LOG

Client: Village of Buffalo Grove

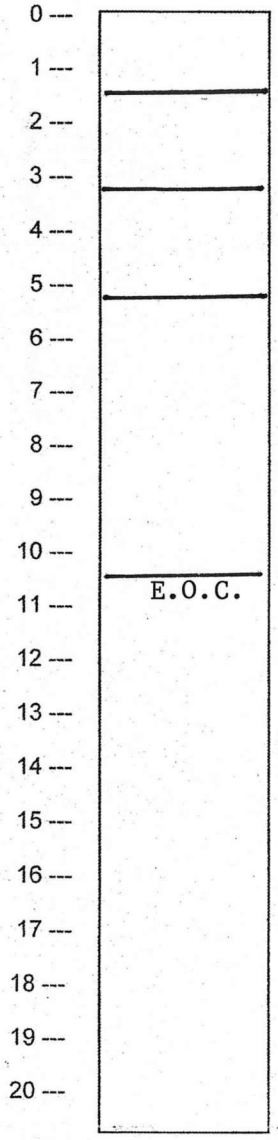
Reference 2020 Water Main Improvements
Buffalo Grove, IL

Core No: 2

Work Done By: DB & JL

Location of Core: 179 Downing Rd., 5' N. of CL

Comments:



Type of Material	Recovery
1-1/2" Bituminous concrete - surface	Full
no bond	
1-3/4" Bituminous concrete - binder	Full
no bond	
2-0" Bituminous concrete - binder	Full
5-1/4" Crushed & uncrushed gravel with fines	Partial
Total 10-1/2"	

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 11/27/19

File No.: 24900

CORE LOG

Client: Village of Buffalo Grove

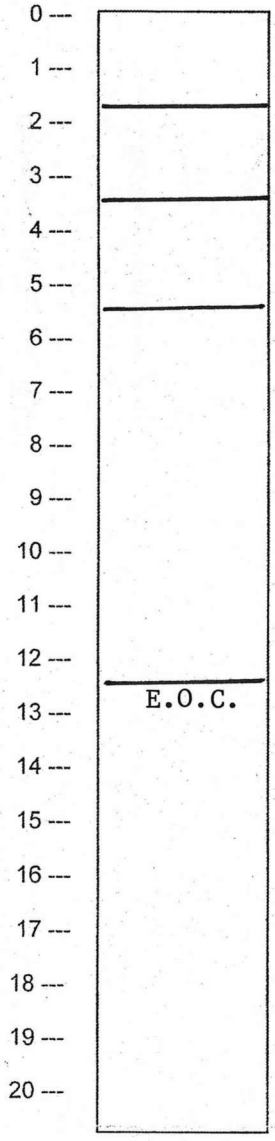
Reference: 2020 Water Main Improvements
Buffalo Grove, IL

Core No: 3

Work Done By: DB & JL

Location of Core: 1181 Downing Rd., 9' SE of CL

Comments:



Type of Material	Recovery
1-3/4" Bituminous concrete - surface no bond	Full
1-3/4" Bituminous concrete - surface	Full
2-0" Bituminous concrete - binder	Full
7-0" Crushed & uncrushed gravel with fines	Partial
Total 12-1/2"	

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 11/27/19

File No.: 24900

CORE LOG

Client: Village of Buffalo Grove

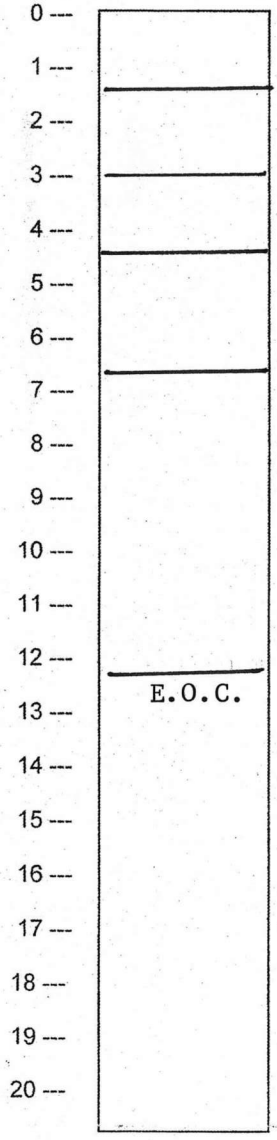
Reference: 2020 Water Main Improvements
Buffalo Grove, IL

Core No: 4

Work Done By: DB & JL

Location of Core: 113 Selwyn Ln., 8' N. of CL

Comments:



Type of Material	Recovery
1-1/2" Bituminous concrete - surface	Full
1-1/2" Bituminous concrete - surface	Full
1-1/2" Bituminous concrete - surface	Full
2-1/4" Bituminous concrete - binder	Full
5-1/2" Crushed & uncrushed gravel with fines	Partial
Total 12-1/4"	

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 11/27/19

File No.: 24900

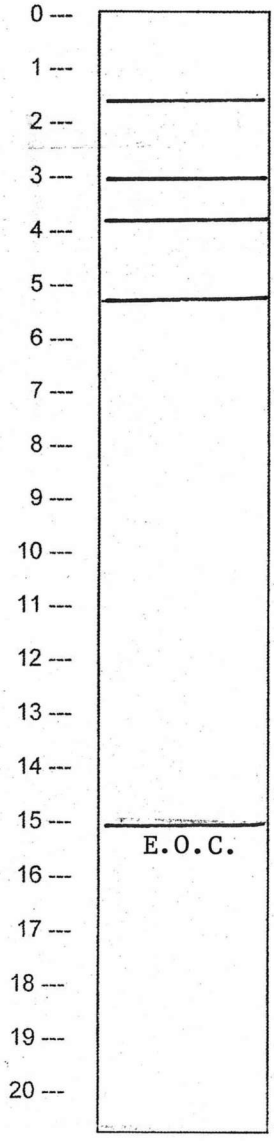
CORE LOG

Client: Village of Buffalo Grove Reference 2020 Water Main Improvements Buffalo Grove, IL

Core No: 5 Work Done By: DB & JL

Location of Core: 222 Selwyn Ln., 5' N. of CL

Comments:



Type of Material	Recovery
1-3/4" Bituminous concrete - surface	Full
no bond	
1-1/4" Bituminous concrete - surface (failed)	Partial
0-3/4" Bituminous concrete - surface	Full
1-1/2" Bituminous concrete - binder	Full
9-3/4" Crushed & uncrushed gravel with fines	Partial
Total 15-0"	

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 11/27/19

File No.: 24900

CORE LOG

Client: Village of Buffalo Grove

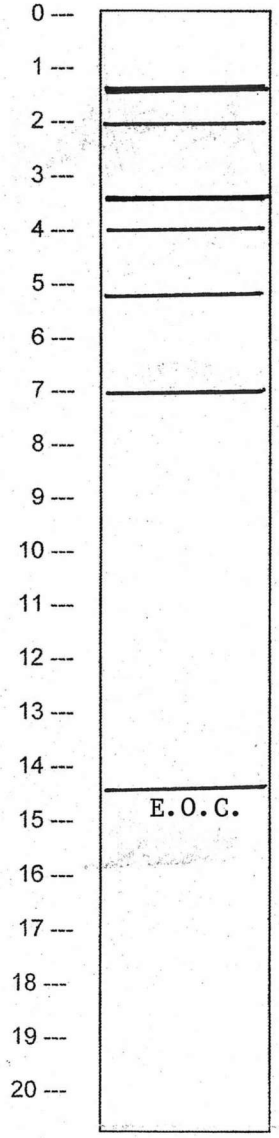
Reference: 2020 Water Main Improvements
Buffalo Grove, IL

Core No: 6

Work Done By: DB & JL

Location of Core: 1213 Selwyn Ln., 5' SE of CL

Comments:



Type of Material		Recovery
1-1/2" Bituminous concrete - surface		Full
Petromat		
0-1/2" Bituminous concrete - surface	no bond	Full
1-1/2" Bituminous concrete - surface		Full
Petromat		
0-1/2" Bituminous concrete - surface		Full
1-1/4" Bituminous concrete - surface	no bond	Full
1-3/4" Bituminous concrete - binder (failed)		Partial
7-1/2" Crushed & uncrushed gravel with fines		Partial
Total 14-1/2"		

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 11/27/19

File No.: 24900

CORE LOG

Client: Village of Buffalo Grove

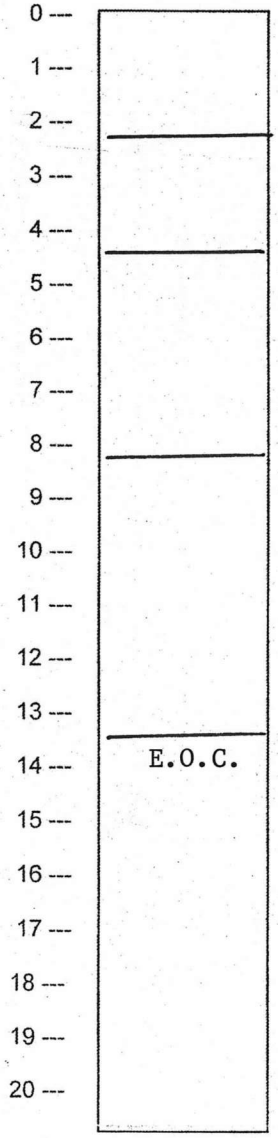
Reference: 2020 Water Main Improvements Buffalo Grove, IL

Core No: 7

Work Done By: DB & JL

Location of Core: 15 Charles Ct., 25' N. of CL

Comments:



Type of Material	Recovery
2-1/4" Bituminous concrete - surface	Full
no bond	
2-1/4" Bituminous concrete - surface	Full
3-3/4" Bituminous concrete - binder	Full
5-1/4" Crushed & uncrushed gravel with fines	Partial
Total 13-1/2"	

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 11/27/19

File No.: 24900

CORE LOG

Client: Village of Buffalo Grove

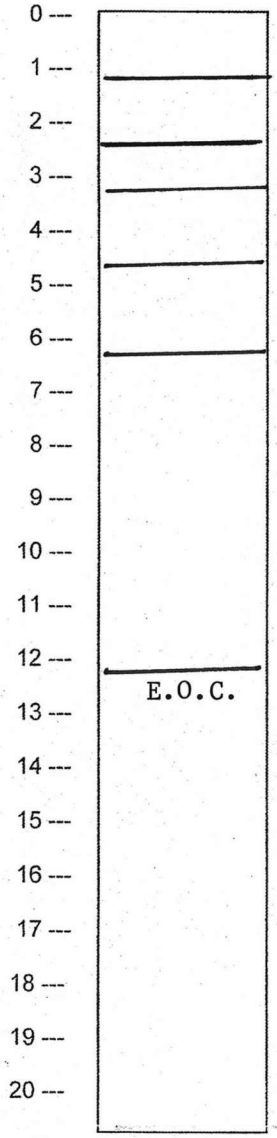
Reference: 2020 Water Main Improvements
Buffalo Grove, IL

Core No: 8

Work Done By: DB & JL

Location of Core: 22 Charles Ct., 6' S. of CL

Comments:



Type of Material		Recovery
1-1/4" Bituminous concrete - surface		Full
Petromat		
1-1/4" Bituminous concrete - surface		Full
Petromat		
1-1/4" Bituminous concrete - surface		Full
1-0" Bituminous concrete - surface	(failed) no bond	Partial
1-1/2" Bituminous concrete - binder	(failed)	Partial
6-0" Crushed & uncrushed gravel with fines		Partial
Total 12-1/4"		

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 11/27/19

File No.: 24900

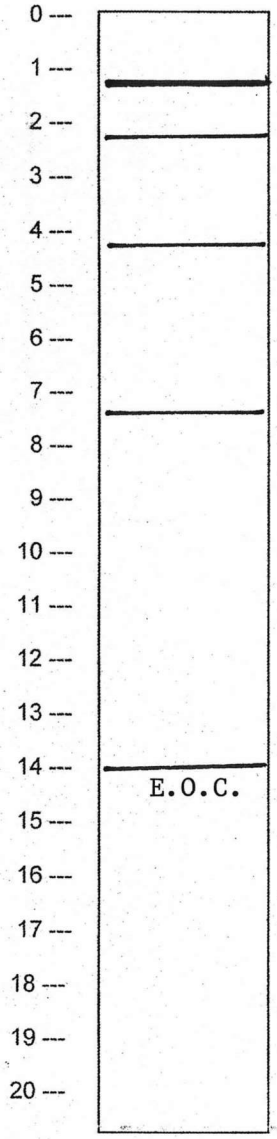
CORE LOG

Client: Village of Buffalo Grove Reference 2020 Water Main Improvements Buffalo Grove, IL

Core No: 9 Work Done By: DB & JL

Location of Core: 9 Charles Ct., 3' N. of CL

Comments:



Type of Material	Recovery
1-1/4" Bituminous concrete - surface	Full
Petromat	
1-0" Bituminous concrete - surface	Full
2-0" Bituminous concrete - binder	Full
no bond	
3-1/4" Bituminous concrete - binder	Full
6-1/2" Crushed & uncrushed gravel with fines	Partial
Total 14-0"	

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 11/27/19

File No.: 24900

CORE LOG

Client: Village of Buffalo Grove

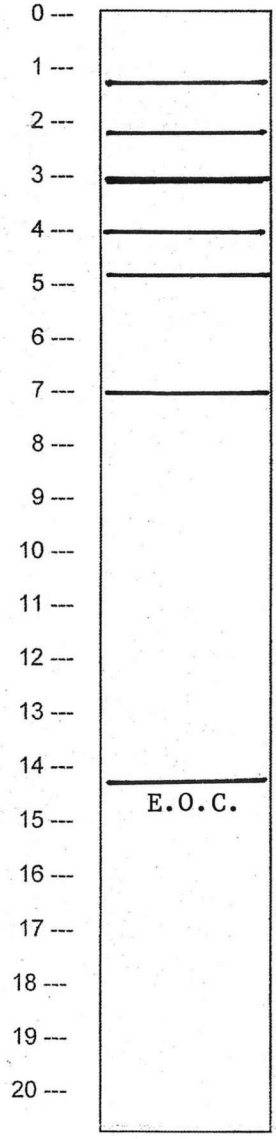
Reference 2020 Water Main Improvements
Buffalo Grove, IL

Core No: 10

Work Done By: DB & JL

Location of Core: 3 Charles Ct., 25' S. of CL

Comments:



Type of Material	Recovery
1-1/4" Bituminous concrete - surface	Full
1-0" Bituminous concrete - surface (failed) no bond	Partial
0-3/4" Bituminous concrete - surface	Full
Petromat	
1-0" Bituminous concrete - surface	Full
0-3/4" Bituminous concrete - surface	Full
2-1/4" Bituminous concrete - binder	Full
7-1/4" Crushed & uncrushed gravel with fines	Partial
Total 14-1/4"	

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 11/27/19

File No.: 24900

CORE LOG

Client: Village of Buffalo Grove

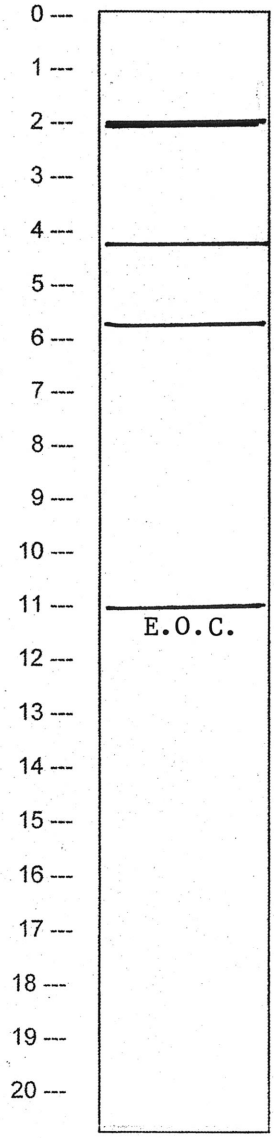
Reference: 2020 Water Main Improvements
Buffalo Grove, IL

Core No: 11

Work Done By: DB & JL

Location of Core: 876 Saxon Pl., 7' W. of CL

Comments:



Type of Material	Recovery
2-0" Bituminous concrete - surface	Full
Petromat	
2-1/4" Bituminous concrete - surface no bond	Full
1-1/2" Bituminous concrete - binder	Full
5-1/4" Crushed & uncrushed gravel with fines	Partial
Total 11-0"	

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 11/27/19

File No.: 24900

CORE LOG

Client: Village of Buffalo Grove

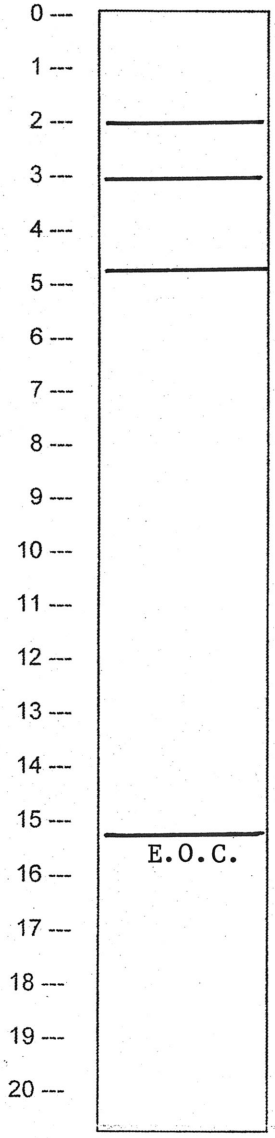
Reference: 2020 Water Main Improvements
Buffalo Grove, IL

Core No: 12

Work Done By: DB & JL

Location of Core: 915 Saxon Pl., 3' E. of CL

Comments:



	Type of Material	Recovery
2-0"	Bituminous concrete - surface	Full
1-0"	Bituminous concrete - surface	Full
1-3/4"	Bituminous concrete - binder	Full
10-1/2"	Crushed & uncrushed gravel with fines	Partial
Total 15-1/4"		

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

SOIL BORING LOG CB-1

Logged By: DA **Page:** 1 of 1

Client: Village of Buffalo Grove

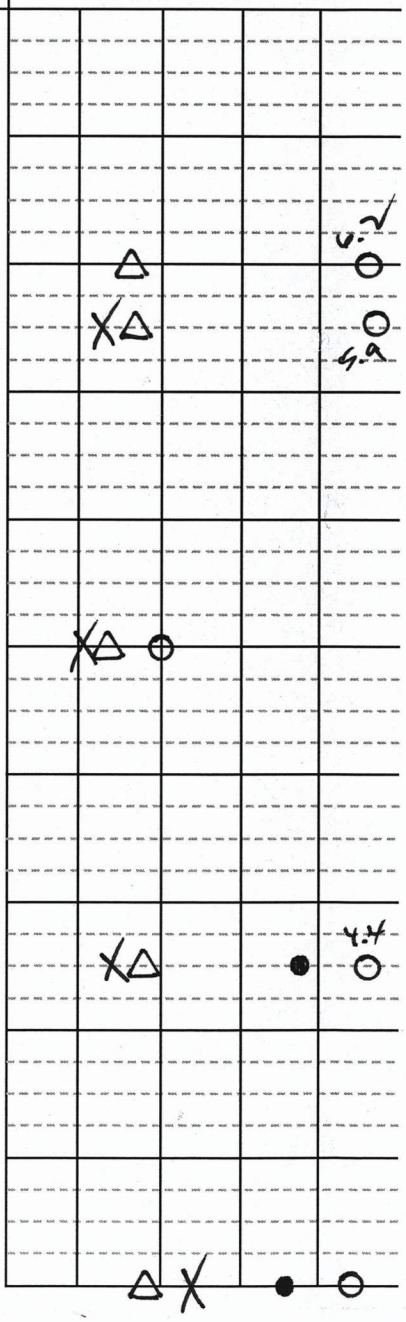
File No. 24900 **Date Drilled:** 12/6/19

Reference: 2020 Water Main Improvements
Buffalo Grove, IL

Comments: 65 Downing Rd., 7' S. of CL

Equipment: ☒CME 45B ☐CME 55 ☐Hand Auger ☐Other

depth, ft.	CLASSIFICATION Elevation Existing Surface	standard penetration ×	moisture content △	dry unit weight lbs./cu.ft. ϑ	unconfined compressive strengh ○
	(See Core Log)				
1	Brown-dark brown clay,some silt,trace sand & gravel,damp,hard - Fill				
2			15.8	117.7	6.2
	Brown clay,some silt,trace sand & gravel damp,hard	13	17.0	115.8	5.9
3					
4	Brown clay,some silt,trace sand & gravel damp,very tough				
5		11	13.6	125.5	2.0
6					
7					
		14	19.3	111.2	4.4
8					
9	Gray clay,some silt,trace sand & gravel, damp,hard				
10	End of Boring	23	19.1	110.6	4.3



Water encountered at dry feet during drilling operations (W.D.)
Water recorded at dry feet on completion of drilling operations (A.D.)
Water recorded at feet hours after completion of drilling operations (A.D.)

G-303d

SOIL AND MATERIAL CONSULTANTS, INC.
8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

SOIL BORING LOG CB-5

Logged By: DA Page: 1 of 1

File No. 24900 Date Drilled: 12/6/19

Client: Village of Buffalo Grove

Reference: 2020 Water Main Improvements
Buffalo Grove, IL

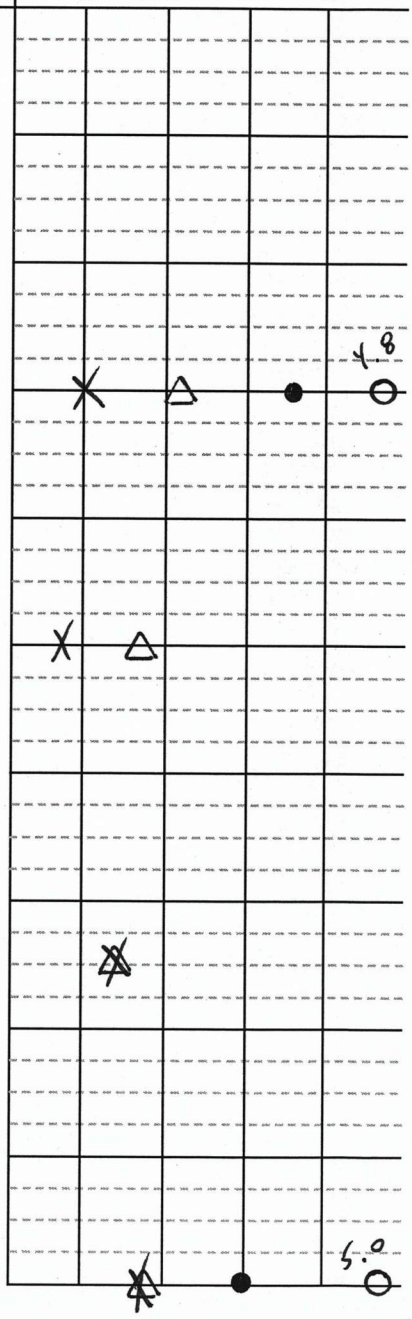
Comments: 222 Selwyn Ln., 5' N. of CL

Equipment: ☒CME 45B ☐CME 55 ☐Hand Auger ☐Other

depth, ft.	CLASSIFICATION Elevation Existing Surface	standard penetration ×	moisture content △	dry unit weight lbs./cu.ft. ϒ	unconfined compressive strength ○
1	(See Core Log)				
2	Brown clay,some silt,trace sand & gravel damp,hard				
3		10	21.0	106.9	4.8
4					
5	Brown silt,some clay,trace sand & gravel damp-very damp,loose to medium dense	▽ 7	18.4		
6					
7		14	13.9		
8					
9	Brown clay,some silt,trace sand & gravel damp,hard				
10	End of Boring	18	19.3	114.7	5.0

○ unconfined compressive strength, tons/sq. ft.
● penetrometer reading, tons/sq. ft.
1.0 2.0 3.0 4.0

× standard penetration "N", blows/ft.
△ moisture content, %
10 20 30 40



Water encountered at 5.0 feet during drilling operations (W.D.)
Water recorded at 7.0 feet on completion of drilling operations (A.D.)
Water recorded at feet hours after completion of drilling operations (A.D.)

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

SOIL BORING LOG CB-8

Logged By: DA **Page:** 1 of 1

File No. 24900 **Date Drilled:** 12/6/19

Client: Village of Buffalo Grove

Reference: 2020 Water Main Improvements
Buffalo Grove, IL

Comments: 22 Charles Ct., 6' S. of CL

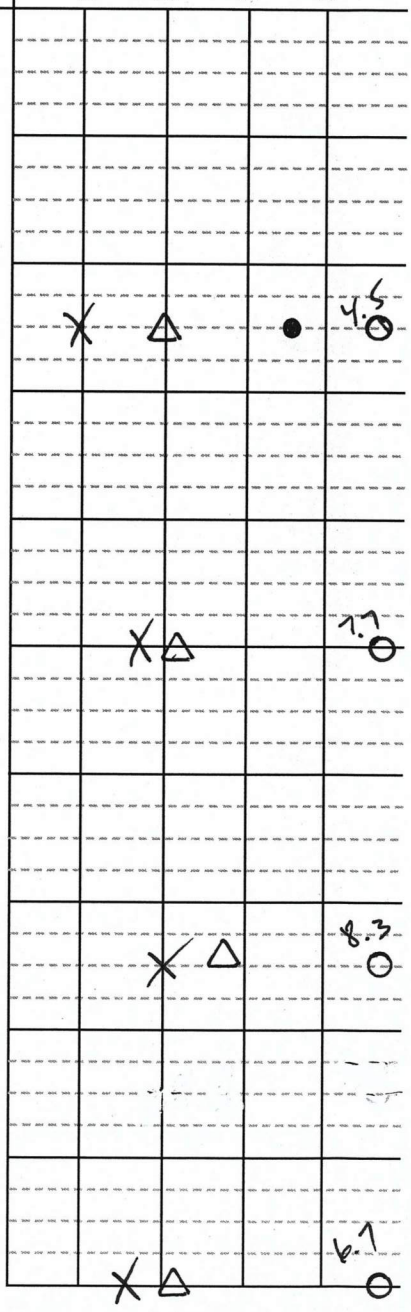
Equipment: ☒CME 45B ☐CME 55 ☐Hand Auger ☐Other

depth, ft.	CLASSIFICATION Elevation Existing Surface	standard penetration ×	moisture content △	dry unit weight lbs./cu.ft. ϑ	unconfined compressive strength ○
	(See Core Log)				
1	Brown clay,some silt,trace sand & gravel damp,hard to very hard				
2					
		9	20.3	106.5	4.5
3					
4					
5		17	20.5	108.4	7.7
6					
7					
8		20	19.1	110.2	8.3
9	Brown clay,some silt,trace sand & gravel damp,hard				
10		15	20.6	110.6	6.7

End of Boring

○ unconfined compressive strength, tons/sq. ft.
● penetrometer reading, tons/sq. ft.
1.0 2.0 3.0 4.0

× standard penetration "N", blows/ft.
△ moisture content, %
10 20 30 40



Water encountered at dry feet during drilling operations (W.D.)
Water recorded at dry feet on completion of drilling operations (A.D.)
Water recorded at feet hours after completion of drilling operations (A.D.)

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

SOIL BORING LOG CB-11

Logged By: DA **Page:** 1 of 1

Client: Village of Buffalo Grove

File No. 24900 **Date Drilled:** 12/6/19

Reference: 2020 Water Main Improvements
Buffalo Grove, IL

Comments: 876 Saxon Pl., 7' W. of CL

Equipment: ☒CME 45B ☐CME 55 ☐Hand Auger ☐Other

depth, ft.	CLASSIFICATION Elevation Existing Surface	standard penetration ×	moisture content △	dry unit weight lbs./cu.ft. ɣ	unconfined compressive strengh ○
	(See Core Log)				
1	Gray-brown clay,some silt,trace sand & gravel,damp,very tough				
2					
		9	20.1	107.6	3.6
3					
4	Brown-gray silt,some clay,trace sand, damp-very damp,loose				
5		▽ 9	23.6		
6	Brown clay,some silt,trace sand & gravel damp,hard				
7					
		16	19.9	115.0	6.7
8					
9	Gray clay,some silt,trace sand & gravel, damp,very tough				
10		14	20.0	113.1	3.7

End of Boring

○ unconfined compressive strength, tons/sq. ft.
● penetrometer reading, tons/sq. ft.
1.0 2.0 3.0 4.0

× standard penetration "N", blows/ft.
△ moisture content, %
10 20 30 40

Water encountered at 5.0 feet during drilling operations (W.D.)
Water recorded at 8.5 feet on completion of drilling operations (A.D.)
Water recorded at feet hours after completion of drilling operations (A.D.)

SOIL AND MATERIAL CONSULTANTS, INC.
8 W. COLLEGE DR. • ARLINGTON HEIGHTS, IL 60004 • 847-870-0544 • FAX 847-870-0661

GENERAL NOTES

SAMPLE CLASSIFICATION

Soil sample classification is based on the Unified Soil Classification System, the Standard Practice for Description and Identification Soils (Visual-Manual Procedure), ASTM D-2488, the Standard Test Method for Classification of Soils for Engineering Purposes, ASTM D-2487 (when applicable), and the modifiers noted below.

CONSISTENCY OF COHESIVE SOILS

Term	Qu-tons.sq.ft.	N (unreliable)
Very soft	0.00 – 0.25	0 – 2
Soft	0.26 – 0.49	3 – 4
Stiff	0.50 – 0.99	5 – 8
Tough	1.00 – 1.99	9 –15
Very Tough	2.00 – 3.99	16 – 30
Hard	4.00 – 7.99	30 +
Very Hard	8.00 +	

RELATIVE DENSITY OF GRANULAR SOILS

Term	N – blows/foot
Very Loose	0 – 4
Loose	5 – 9
Medium Dense	10 – 29
Dense	30 – 49
Very Dense	50 +

IDENTIFICATION AND TERMINOLOGY

Term	Size Range
Boulder	over 8 in.
Cobble	3 in. to 8 in.
Gravel - coarse	1 in. to 3 in.
- medium	3/8 in. to 1 in.
- fine	#4 sieve to 3/8 in.
Sand - coarse	#10 sieve to #4 sieve
- medium	#40 sieve to #10 sieve
- fine	#200 sieve to #40 sieve
Silt	0.002 mm to #200 sieve
Clay	smaller than 0.002mm

Modifying Term	Percent by Weight
Trace	1 – 10
Little	11 – 20
Some	21 – 35
And	36 – 50

Moisture Content

Dry
Damp
Very Damp
Saturated

DRILLING, SAMPLING & SOIL PROPERY SYMBOLS

- CF - Continuous Flight Auger
- HS - Hollow Stem Auger
- HA - Hand Auger
- RD - Rotary Drilling
- AX - Rock Core, 1-3/16 in. diameter
- BX - Rock Core, 1-5/8 in. diameter
- NX - Rock Core, 2-1/8 in. diameter
- S - Sample Number
- T - Type of Sample
- J - Jar
- AS - Auger Sample
- SS - Split Spoon (2 in. O.D. with 1-3/8 in. I.D.)
- ST - Shelby Tube (2 in. O.D. w/ith1-7/8 in. I. D.)
- R - Recovery Length, in.
- B - Blows/6 in. interval, Standard Penetration Test (SPT)
- N - Blows/foot to drive 2 in. O.D. split-spoon sampler with 140 lb. hammer falling 30 in., (STP)
- Pen. - Pocket Penetrometer readings, tons/sq.ft.
- W - Water Content, % dry weight
- Uw - Dry Unit Weight of soil, lbs./cu.ft.
- Qu - Unconfined Compressive Strength, tons/sq.ft.
- Str - % Strain at Qu.
- WL - Water Level
- WD - While Drilling
- AD - After Drilling
- DCI - Dry Cave-in.
- WCI - Wet Cave-in.
- LL - Liquid Limit, %
- PL - Plastic Limit, %
- PI - Plasticity Index (LL-PL)
- LI - Liquidity Index [(W-PL)/PI]


Westcott
C-1


Westcott
C-2


Westcott
C-3


Westcott
C-4


C-5


C-6


C-7


C-8


C-9


C-10


C-11


C-12

Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Source Site Certification by Owner or Operator for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-662

Revised in accordance with 35 Ill. Adm. Code 1100, as amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by source site owners and operators to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(A), that soil (i) was removed from a site that is not potentially impacted property and is presumed to be uncontaminated soil and (ii) is within a pH range of 6.25 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: 2020 Water Main Improvements Office Phone Number, if available: _____

Physical Site Location (Street, Road): Downing Road, Eton Court and Selwyn Lane

City: Buffalo Grove State: IL Zip Code: 60089 County: Cook

Township: Wheeling

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 42.13792 (Decimal Degrees) Longitude: - 87.953 (-Decimal Degrees)

Identify how the lat/long data were determined:

○ GPS ⊘ Map Interpolation ○ Photo Interpolation ○ Survey ○ Other

IEPA Site Number(s), if assigned: BOL: _____ BOW: _____ BOA: _____

Approximate Start Date (mm/dd/yyyy): _____ Approximate End Date (mm/dd/yyyy): _____

Estimated Volume of debris (cu. Yd.): _____

II. Owner/Operator Information for Source Site

Site Owner		Site Operator	
Name:	Village of Buffalo Grove	Name:	
Street Address:	50 Raupp Blvd	Street Address:	
PO Box:		PO Box:	
City:	Buffalo Grove State: IL	City:	State:
Zip Code:	60089 Phone: 847-459-5539	Zip Code:	Phone:
Contact:	Darren Monico	Contact:	
Email, if available:	dmonico@vbg.org	Email, if available:	

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed $50,000 for the violation and an additional civil penalty of not to exceed $10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.

Project Name: 2020 Water Main Improvements Latitude: 42.13792 Longitude: -87.95300

Source Site Certification

III. Descriptions of Current and Past Uses of Source Site

Describe the current and past uses of the site and nearby properties.* Attach additional information as needed. The description must take into account, at a minimum, the following for the source site and for nearby property: (1) use of the properties for commercial or industrial purposes; (2) the use, storage or disposal of chemical or petroleum products in individual containers greater than 5 gallons or collectively more than 50 gallons; (3) the current or past presence of any storage tanks (above ground or underground); (4) any waste storage, treatment or disposal at the properties; (5) any reported releases or any environmental cleanup or removal of contaminants; (6) any environmental liens or governmental notification of environmental violations; (7) any contamination in a well that exceeds the Board's groundwater quality standards; (8) the use, storage, or disposal of transformers or capacitors manufactured before 1979; and (9) any fill dirt brought to the properties from an unknown source or site.

Number of pages attached: 52

The sites have currently and historically always been adjoined by residential properties. No potentially impacted properties (PIPs) were identified through the historical and regulatory review of a portion of the Site (see attached EDR). True North collected two (2) soil samples for pH analysis, which supports this certification that no PIPs exist. Figures, laboratory analysis report and laboratory certification are attached.

*The description must be sufficient to demonstrate that the source site is not potentially impacted property, thereby allowing the source site owner or operator to provide this certification.

IV. Soil pH Testing Results

Describe the results of soil pH testing showing that the soil pH is within the range of 6.25 to 9.0 and attach any supporting documentation.

Number of pages attached: 10

Two (2) representative soil samples were collected from the Site and indicated that the soil pH at the Site is within the acceptable range. The soil pH for sample BUF-1 was 7.69 and the soil pH for sample BUF-3 was 8.44.

V. Source Site Owner, Operator or Authorized Representative's Certification Statement and Signature

In accordance with the Illinois Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I _____(owner, operator or authorized representataive of source site) certify that this site is not a potentially impacted property and the soil is presumed to be uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. I further certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. Additionally, I certify that I am either the site owner or operator or a duly authorized representative of the site owner or site operator and am authorized to sign this form. Furthermore, I certify that all information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete.

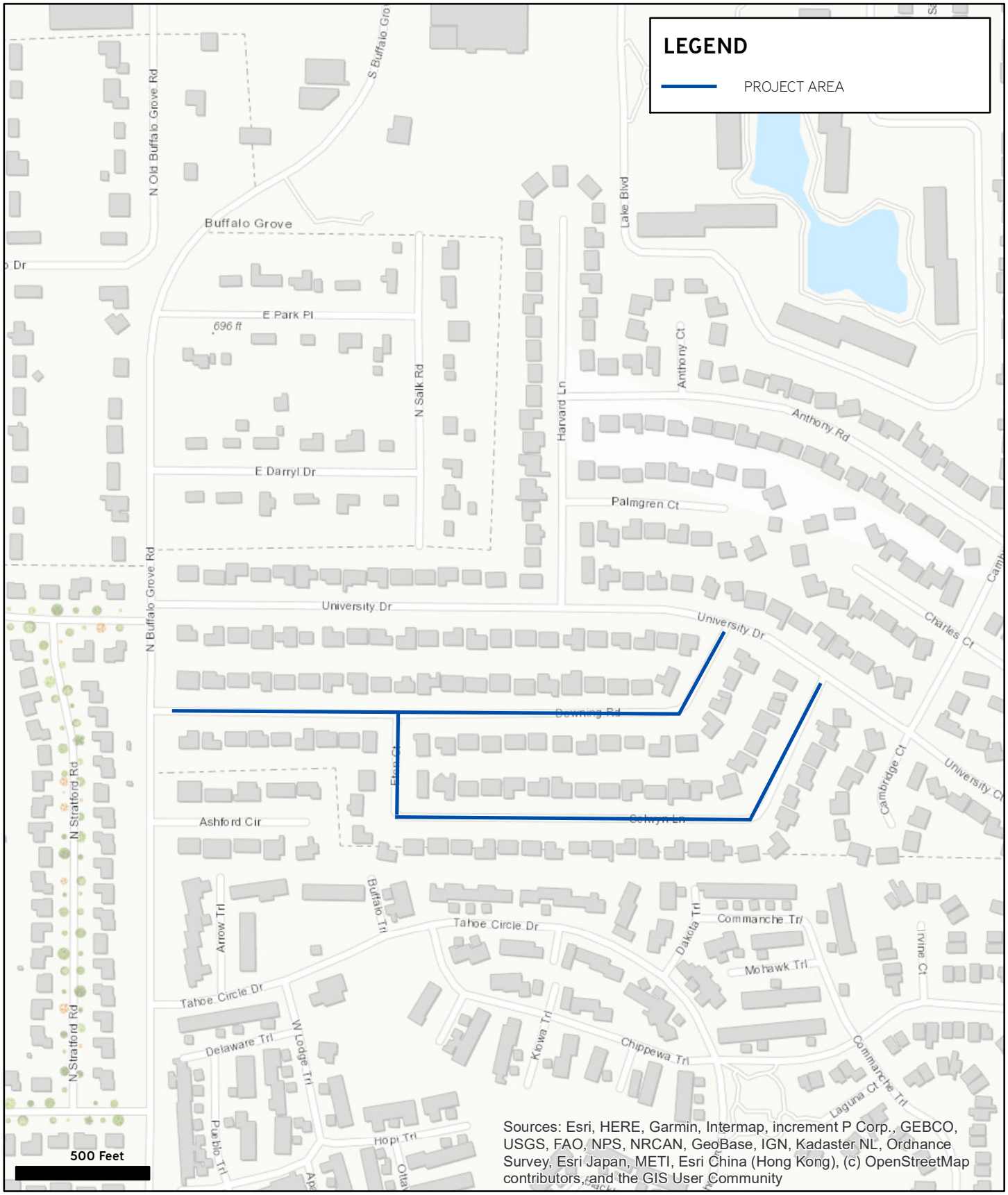
Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

◯ Owner
◯ Operator
☑ Owner's Duly Authorized Representative
◯ Operator's Duly Authorized Representative

Darren Monico, Village Engineer
Printed Name

Jan 2, 2020
Date

Signature

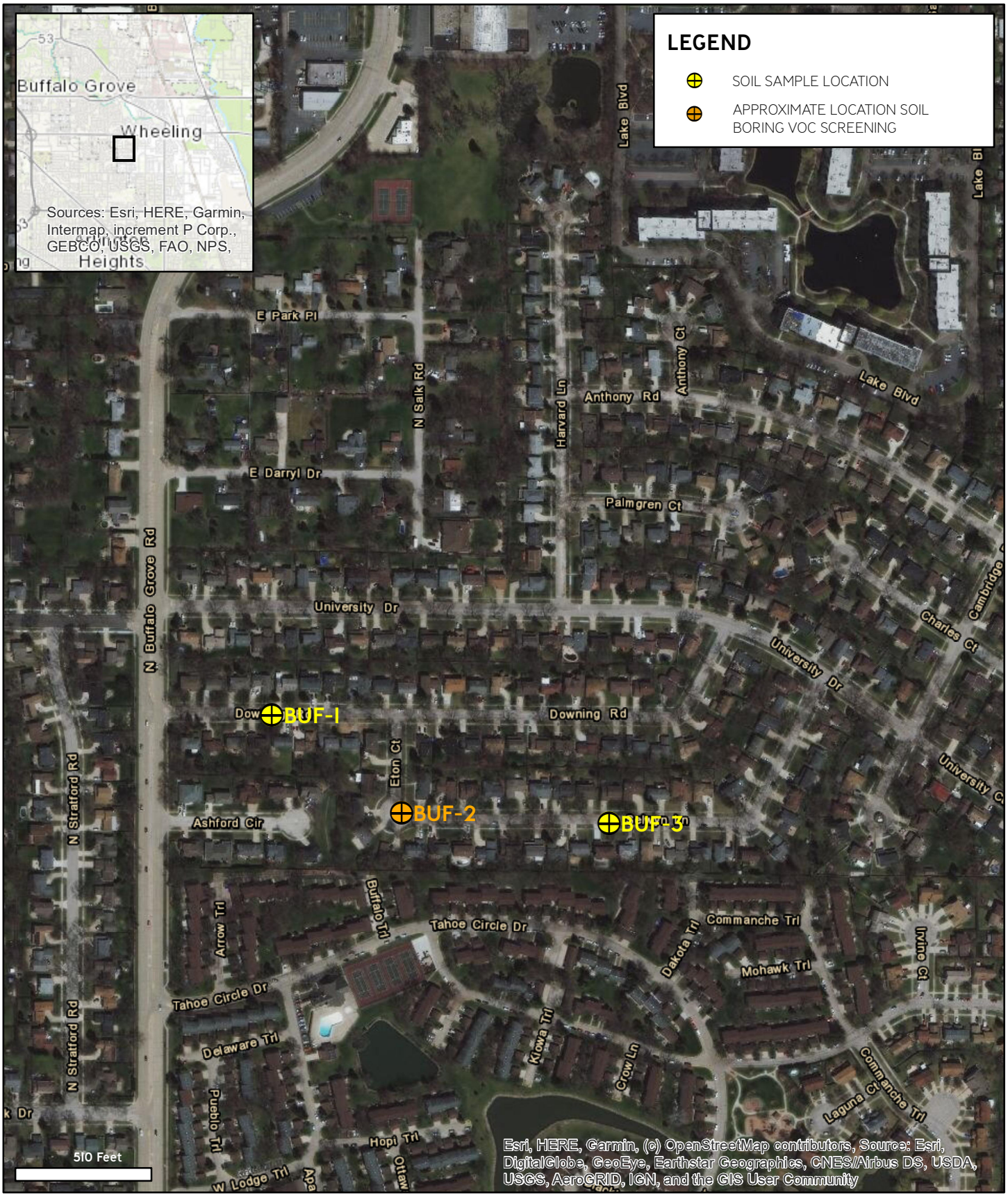


TRUE NORTH CONSULTANTS
1000 EAST WARRENVILLE ROAD
NAPERVILLE, ILLINOIS 60563
ENVIRONMENT : DEVELOPMENT : INFRASTRUCTURE

SITE	DOWNING RD AND SELWYN LN BUFFALO GROVE, ILLINOIS
CLIENT	VILLAGE OF BUFFALO GROVE 50 RAUPP BLVD BUFFALO GROVE, ILLNIOIS

PROJECT	TII9875
DATE	1/2/2020
SCALE	1 inch=500 feet

FIGURE 1



TRUE NORTH CONSULTANTS
1000 EAST WARRENVILLE ROAD
NAPERVILLE, ILLINOIS 60563
ENVIRONMENT : DEVELOPMENT : INFRASTRUCTURE

SITE	DOWNING RD AND SELWYN LN BUFFALO GROVE, ILLINOIS
CLIENT	VILLAGE OF BUFFALO GROVE 50 RAUPP BLVD BUFFALO GROVE, ILLNIOIS

PROJECT	TII9875
DATE	1/2/2020
SCALE	1 inch=500 feet

FIGURE 2

PDC Laboratories, Inc.

Tuesday, December 10, 2019

Marjory Bredrup

True North Consultants
1000 East Warrenville Rd. #140
Naperville, IL 60563

TEL: (630) 717-2880

FAX:

RE: Buffalo Grove 2020 Water Main Imp: BG, IL PDC WO: 9121475

PDC Laboratories, Inc. received 1 sample(s) on 12/6/2019 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

Michael Austin
Project Manager

Certifications: NELAP/NELAC - IL #100323

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121475
Client Sample ID: BUF-1 **Lab ID:** 9121475-01
Collection Date: 12/6/19 8:07 **Matrix:** Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
General Chemistry									
pH	**8.44**	0.0100		pH Units	1	12/9/19 16:31	12/9/19 17:19	SW 9045	JMH

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121475

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B928514 - 06-SW 9045C pH										
Duplicate (B928514-DUP1)		**Source: 9121498-01**		Prepared & Analyzed: 12/09/19 1						
pH	7.81	0.0100	pH Units		7.82			0.2	5	

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121475

Notes and Definitions

*	NELAC certified compound.
U	Analyte not detected (i.e. less than RL or MDL).

Chain of Custody Record

Phone: (847) 651-2604
FAX: (847) 458-9680

9121475

Client	True North Consultants
Address	1000 East Warrenville Road, Suite 140
City, State, Zip Code	Naperville, Illinois 60563
Phone / Facsimile	630.717.2880/630.689.5881
Project Name / Number	Buffalo Gove 2020 Water Main Improvements
Project Location	Buffalo Grove, IL
P.O. # or Invoice To	T119875
Contact Person	M. Bredrup, J. Reed, M. Kupczyk, M. Jawad, G. Klepitsch

Reporting: CCDD ■ MAC ☐; CALM ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F; RISC ☐ Resid ☐ Indust

Sample Description	Sampling Date	Sampling Time	Matrix Code	Preserv Code	No. of Containers	Sample Type Comp	Sample Type Grab	Analysis and/or Method Requested: pH	Sampler Comments
BUF-1	12/6/2019	807	S	0	1		X	X	

Matrix Code	A - Aqueous	DW - Drinking Water	GW - Ground Water	NA - Non-Aqueous Liquid	S - Solid	O - Oil	X - Other (Specify)
Preserv Code	0 - None	1 - HCl	2 - H_2SO_4	3 - HNO_3	4 - NaOH	5 - 5035 Kit	X - Other (Specify)

Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment
	12/6/19	1520		12/6/19	1520	
	12/6/19	1700				
				12/7/19	1105	

Special Instructions:

Turnaround Time: Standard ☐ Rush ☐
Date Required:

QC Level: 1 ☐ 2 ■ 3 ☐ 4 ☐

On wet ice? Yes No

Temperature (°C): 5.8

PAS COC Rev. 3

Page 1 of 1

Copies: White - Client / Yellow - PAS, Inc. / Pink - Sampler

PDC Laboratories, Inc.

Tuesday, December 10, 2019

Marjory Bredrup

True North Consultants
1000 East Warrenville Rd. #140
Naperville, IL 60563

TEL: (630) 717-2880

FAX:

RE: Buffalo Grove 2020 Water Main Imp: BG, IL PDC WO: 9121477

PDC Laboratories, Inc. received 1 sample(s) on 12/6/2019 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

Michael Austin
Project Manager

Certifications: NELAP/NELAC - IL #100323

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121477
Client Sample ID: BUF-3 **Lab ID:** 9121477-01
Collection Date: 12/6/19 8:46 **Matrix:** Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
General Chemistry									
pH	**7.69**	0.0100		pH Units	1	12/9/19 16:31	12/9/19 17:19	SW 9045	JMH

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121477

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B928514 - 06-SW 9045C pH										
Duplicate (B928514-DUP1)		**Source: 9121498-01**		Prepared & Analyzed: 12/09/19 1						
pH	7.81	0.0100	pH Units		7.82			0.2	5	

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121477

Notes and Definitions

*	NELAC certified compound.
U	Analyte not detected (i.e. less than RL or MDL).

Chain of Custody Record

Phone: (847) 651-2604
FAX: (847) 458-9680

9121477

Client	True North Consultants
Address	1000 East Warrenville Road, Suite 140
City, State, Zip Code	Naperville, Illinois 60563
Phone / Facsimile	630.717.2880/630.689.5881
Project Name / Number	Buffalo Gove 2020 Water Main Improvements
Project Location	Buffalo Grove, IL
P.O. # or Invoice To	T119875
Contact Person	M. Bredrup, J. Reed, M. Kupczyk, M. Jawad, G. Klepitsch

Reporting: CCDD ■ MAC ☐ | CALM ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F | RISC ☐ Resid ☐ Indust

Sample Description	Sampling Date	Sampling Time	Matrix Code	Preserv Code	No. of Containers	Sample Type Comp	Sample Type Grab	Analysis and/or Method Requested: pH	Sampler Comments
BUF-3	12/6/2019	846	S	0	1		X	X	

Matrix Code	A - Aqueous	DW - Drinking Water	GW - Ground Water	NA - Non-Aqueous Liquid	S - Solid	O - Oil	X - Other (Specify)
Preserv Code	0 - None	1 - HCl	2 - H2SO4	3 - HNO3	4 - NaOH	5 - 5035 Kit	X - Other (Specify)

Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment
	12/6/19	1520		12/6/19	1520	
	12/6/19	1520		12/7/19	1105	

Special Instructions:

Turnaround Time: Standard ☐ Rush ☐
Date Required:

QC Level: 1 ☐ 2 ■ 3 ☐ 4 ☐

On wet ice? Yes (circled) No

Temperature (°C): 5.8

PAS COC Rev. 3

Page 1 of 1

Copies: White - Client / Yellow - PAS, Inc. / Pink - Sampler

PDC Laboratories, Inc.
2231 W Altorfer Dr • Peoria, IL 61615
(309) 692-9688 • (800) 752.6651 • Fax (309) 692-9688

March 14, 2019

To Whom It May Concern:

The TNI accreditation # 100323 for PDC-Springfield will remain in force as it is currently, until IEPA provides the laboratory with a new Certificate of Accreditation. Any questions should be directed to John South, Accreditation Officer by email at John.South@Illinois.gov.

Thank you for your patience.

Michael A. Travis
Corporate Director of Quality Assurance
D: 309.683.1744 | mtravis@pdclab.com

PDC Laboratories, Inc.
2231 W Altorfer Drive, Peoria, IL 61615
800.752.6651 | www.pdclab.com

STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY
NELAP - RECOGNIZED
ENVIRONMENTAL LABORATORY ACCREDITATION

is hereby granted to

PDC- SPRINGFIELD

1210 CAPITAL AIRPORT DRIVE

SPRINGFIELD, IL 62707-8413

NELAP ACCREDITED

ACCREDITATION NUMBER #100323

According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

Celeste M. Crowley
Acting Manager
Environmental Laboratory Accreditation Program

John South
Accreditation Officer
Environmental Laboratory Accreditation Program

Certificate No.:	004302
Expiration Date:	01/31/2019
Issued On:	02/09/2018

State of Illinois
Environmental Protection Agency

Certificate No.: 004302

Awards the Certificate of Approval to:

PDC- Springfield
1210 Capital Airport Drive
Springfield, IL 62707-8413

According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

FOT Name: Drinking Water, Inorganic

Method: SM2320B,18Ed

Matrix Type: Potable Water

Alkalinity

Method: SM2340B,18Ed

Matrix Type: Potable Water

Hardness

Method: SM4110B,18Ed

Matrix Type: Potable Water

Chloride	Fluoride
Nitrate	Nitrite
Orthophosphate as P	Sulfate

Method: SM4500CN-E,18Ed

Matrix Type: Potable Water

Cyanide

Method: SM4500H-B,18Ed

Matrix Type: Potable Water

Hydrogen ion (pH)

Method: SM5310C,20Ed

Matrix Type: Potable Water

Total Organic Carbon (TOC)

Method: USEPA150.1

Matrix Type: Potable Water

Hydrogen ion (pH)

Method: USEPA200.7R4.4

Matrix Type: Potable Water

Aluminum	Arsenic
Barium	Beryllium
Cadmium	Calcium
Chromium	Copper

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FOT Name: Drinking Water, Inorganic

Method: USEPA200.7R4.4

Matrix Type: Potable Water

Iron	Hardness (calc.)
Manganese	Magnesium
Silver	Nickel
Zinc	Sodium

Method: USEPA200.8R5.4

Matrix Type: Potable Water

Aluminum	Antimony
Arsenic	Barium
Beryllium	Cadmium
Chromium	Copper
Lead	Manganese
Mercury	Molybdenum
Nickel	Selenium
Silver	Thallium
Zinc	

Method: USEPA245.2

Matrix Type: Potable Water

Mercury

Method: USEPA300.0R2.1

Matrix Type: Potable Water

Chloride	Fluoride
Nitrate	Nitrite
Orthophosphate as P	Sulfate

FOT Name: Drinking Water, Organic

Method: USEPA524.2R4.1

Matrix Type: Potable Water

1,1,1-Trichloroethane	1,1,2-Trichloroethane
1,1-Dichloroethene	1,2-Dichlorobenzene
1,2-Dichloroethane	1,2-Dichloropropane
1,4-Dichlorobenzene	Benzene
Bromodichloromethane	Bromoform
Carbon tetrachloride	Chlorobenzene
Chlorodibromomethane	Chloroform

FOT Name: Drinking Water, Organic

Method: USEPA524.2R4.1

Matrix Type: Potable Water

Dichloromethane (Methylene chloride)
Methyl tert-butyl ether (MTBE)
Styrene
Toluene
trans-1,2-Dichloroethene
Vinyl chloride
cis-1,2-Dichloroethene
Ethylbenzene
Naphthalene
Tetrachloroethene
Total trihalomethanes
Trichloroethylene
Xylenes (total)

FOT Name: Non Potable Water, Inorganic

Method: SM2130B,2001

Matrix Type: NPW/SCM

Turbidity

Method: SM2310B,1997

Matrix Type: NPW/SCM

Acidity

Method: SM2320B,1997

Matrix Type: NPW

Alkalinity

Method: SM2340B,1997

Matrix Type: NPW

Hardness

Method: SM2540B,1997

Matrix Type: NPW

Residue (Total)

Method: SM2540C,1997

Matrix Type: NPW

Residue (TDS)

Method: SM2540D,1997

Matrix Type: NPW

Residue (TSS)

Method: SM3500Cr-B,2009

Matrix Type: NPW/SCM

Chromium VI

Method: SM4110B,2000

Matrix Type: NPW/SCM

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FOT Name: Non Potable Water, Inorganic

Matrix Type: NPW/SCM

Chloride
Nitrate
Nitrite
Sulfate

Method: SM4110B,2000

Bromide
Fluoride
Nitrate-Nitrite (as N)
Orthophosphate (as P)

Method: SM4500Cl-G,2000

Matrix Type: NPW

Chlorine, Total Residual

Method: SM4500CN-E,1999

Matrix Type: NPW

Cyanide

Method: SM4500H-B,2000

Matrix Type: NPW

Hydrogen Ion (pH)

Method: SM4500NH3-D,1997

Matrix Type: NPW/SCM

Ammonia

Method: SM4500NH3-G,1997

Matrix Type: NPW

Ammonia

Method: SM4500O-G,2001

Matrix Type: NPW

Oxygen - Dissolved

Method: SM4500P-E,1999

Matrix Type: NPW

Orthophosphate (as P)

Method: SM4500P-F,1999

Matrix Type: NPW

Orthophosphate (as P)

Method: SM4500S2-F,2000

Matrix Type: NPW/SCM

Sulfide

Method: SM5210B,2001

Matrix Type: NPW

Total Kjeldahl Nitrogen

Phosphorus

FOT Name: Non Potable Water, Inorganic

Matrix Type: NPW

Method: SM5210B,2001

Biochemical Oxygen Demand (BOD)

Matrix Type: NPW/SCM

Carbonaceous Biochemical Oxygen Demand (CBOI

Method: SM5220D,1997

Matrix Type: NPW

Chemical Oxygen Demand (COD)

Method: SM5310C,2000

Matrix Type: NPW

Total Organic Carbon (TOC)

Method: USEPA160.4,1971

Matrix Type: NPW

Residue (Volatile)

Method: USEPA1664A

Matrix Type: NPW

Oil and Grease

Method: USEPA180.1R2.0,1993

Matrix Type: NPW

Turbidity

Method: USEPA200.7,1994

Matrix Type: NPW/SCM

Aluminum	Antimony
Arsenic	Barium
Beryllium	Cadmium
Calcium	Chromium
Cobalt	Copper
Iron	Lead
Magnesium	Manganese
Molybdenum	Nickel
Potassium	Selenium
Silver	Sodium
Thallium	Tin
Titanium	Vanadium
Zinc	

Method: USEPA200.8,1994

FOT Name: **Non Potable Water, Inorganic** **Method:** **USEPA200.8,1994**

Matrix Type: **NPW/SCM**

Aluminum	Antimony
Arsenic	Barium
Beryllium	Boron
Cadmium	Calcium
Chromium	Cobalt
Copper	Iron
Lead	Magnesium
Manganese	Molybdenum
Nickel	Potassium
Selenium	Silver
Sodium	Thallium
Tin	Titanium
Vanadium	Zinc

Method: **USEPA245.2,1974**

Matrix Type: **NPW/SCM**

Mercury

Method: **USEPA300.0R2.1,1993**

Matrix Type: **NPW**

Bromide	Chloride
Fluoride	Nitrate
Nitrate-Nitrite (as N)	Nitrite
Orthophosphate (as P)	Sulfate

Method: **USEPA350.1R2.0,1993**

Matrix Type: **NPW**

Ammonia

Method: **USEPA365.1R2.0,1993**

Matrix Type: **NPW**

Orthophosphate (as P)

Method: **USEPA410.4R2.0,1993**

Matrix Type: **NPW**

Chemical Oxygen Demand (COD)

Method: **USEPA420.1,1978**

Matrix Type: **NPW**

FOT Name: Non Potable Water, Inorganic

Matrix Type: NPW

Method: USEPA420.4R1.0,1993

Matrix Type: NPW

Phenolics

Method: USEPA420.1,1978

Phenolics

FOT Name: Solid and Chemical Materials, Inorganic

Method: 1010A

Matrix Type: NPW/SCM

Ignitability

Method: 1311

Matrix Type: SCM

TCLP (Organic and Inorganic)

Method: 1312

Matrix Type: SCM

Synthetic Precipitation Leaching Procedure

Method: 6010B

Matrix Type: NPW/SCM

Antimony
Arsenic
Barium
Beryllium
Cadmium
Calcium
Chromium
Cobalt
Copper
Iron
Lead
Magnesium
Manganese
Molybdenum
Nickel
Potassium
Selenium
Silver
Sodium
Strontium
Thallium
Tin
Titanium
Vanadium
Zinc

Method: 6020A

Matrix Type: NPW/SCM

Aluminum
Antimony
Arsenic
Barium
Beryllium
Boron

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FOT Name: Solid and Chemical Materials, Inorganic

Method: 6020A

Matrix Type: NPW/SCM

- Calcium
- Cadmium
- Chromium
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Mercury
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Vanadium
- Zinc

Method: 7196A

Matrix Type: NPW/SCM

- Chromium VI

Method: 7470A

Matrix Type: NPW

- Mercury

Method: 7471B

Matrix Type: SCM

- Mercury

Method: 9014

Matrix Type: NPW/SCM

- Cyanide

Method: 9034

Matrix Type: NPW/SCM

- Sulfides

Method: 9040B

Matrix Type: NPW

- Hydrogen Ion (pH)

Method: 9040C

Matrix Type: NPW

- Hydrogen Ion (pH)

Method: 9045C

Matrix Type: SCM

- Hydrogen Ion (pH)

FOT Name: Solid and Chemical Materials, Inorganic **Method: 9045D**

Matrix Type: SCM

Hydrogen Ion (pH)

Method: 9056A

Matrix Type: NPW/SCM

Bromide
Chloride
Fluoride
Nitrate
Nitrite
Phosphate
Sulfate

Method: 9065

Matrix Type: NPW/SCM

Phenolics

Method: 9081

Matrix Type: NPW/SCM

Cation-exchange Capacity

Method: 9095A

Matrix Type: NPW/SCM

Paint Filter

FOT Name: Solid and Chemical Materials, Organic

Method: 8015B

Matrix Type: NPW/SCM

Diesel range organics (DRO)
Gasoline range organics (GRO)

Method: 8081A

Matrix Type: NPW/SCM

4,4'-DDD
4,4'-DDE
4,4'-DDT
Aldrin
alpha-BHC
alpha-Chlordane
beta-BHC
Chlordane - not otherwise specified
delta-BHC
Dieldrin
Endosulfan I
Endosulfan II
Endosulfan sulfate
Endrin
Endrin aldehyde
Endrin ketone
gamma-BHC (Lindane)
gamma-Chlordane
Heptachlor
Heptachlor epoxide
Methoxychlor
Toxaphene

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FOT Name: Solid and Chemical Materials, Organic **Method: 8082**

Matrix Type: NPW/SCM

PCB-1016	PCB-1221
PCB-1232	PCB-1242
PCB-1248	PCB-1254
PCB-1260	

Method: 8260B

Matrix Type: NPW/SCM

1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane
1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane
1,1-Dichloroethane	1,1-Dichloroethene
1,1-Dichloropropene	1,2,3-Trichlorobenzene
1,2,3-Trichloropropane	1,2,4-Trichlorobenzene
1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)
1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene
1,2-Dichloroethane	1,2-Dichloropropane
1,3,5-Trimethylbenzene	1,3-Dichlorobenzene
1,3-Dichloropropane	1,4-Dichlorobenzene
2,2-Dichloropropane	2-Butanone (Methyl ethyl ketone, MEK)
2-Chloroethyl vinyl ether	2-Chlorotoluene
2-Hexanone	4-Chlorotoluene
4-Methyl-2-pentanone (Methyl isobutyl ketone, MIBł	Acetone
Acetonitrile	Acrolein (Propenal)
Acrylonitrile	Benzene
Bromobenzene	Bromochloromethane
Bromodichloromethane	Bromoform
Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chlorodibromomethane (Dibromochloromethane)
Chloroethane	Chloroform
Chloromethane	cis-1,2-Dichloroethene
Dichlorodifluoromethane	Dichloromethane (Methylene chloride)
Ethylbenzene	Hexachlorobutadiene
Isopropylbenzene	Methyl-t-butyl ether
Naphthalene	n-Butylbenzene
n-Propylbenzene	p-Isopropyltoluene
sec-Butylbenzene	Styrene

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FOT Name: Solid and Chemical Materials, Organic

Method: 8260B

Matrix Type: NPW/SCM

- Tetrachloroethene
- trans-1,2-Dichloroethene
- Trichlorofluoromethane
- Vinyl chloride
- tert-Butylbenzene
- Toluene
- Trichloroethene
- Vinyl acetate
- Xylenes (Total)

Method: 8270C

Matrix Type: NPW/SCM

- 1,2,4-Trichlorobenzene
- 1,3-Dichlorobenzene
- 2,2-Oxybis (1-chloropropane)
- 2,4,6-Trichlorophenol
- 2,4-Dimethylphenol
- 2,4-Dinitrotoluene (2,4-DNT)
- 2-Chloronaphthalene
- 2-Methylnaphthalene
- 2-Nitroaniline
- 3,3'-Dichlorobenzidine
- 4,6-Dinitro-2-methylphenol
- 4-Chloro-3-methylphenol
- 4-Chlorophenyl phenyl ether
- 4-Nitroaniline
- Acenaphthene
- Anthracene
- Benzo(a)pyrene
- Benzo(g,h,i)perlyene
- Bis(2-chloroethoxy) methane
- Bis(2-ethylhexyl) phthalate
- Carbazole
- Chlorobenzilate
- Dibenz(a,h)anthracene
- Diethyl phthalate
- Di-n-butyl phthalate
- Fluoranthene
- Hexachlorobenzene
- Hexachlorocyclopentadiene
- 1,2-Dichlorobenzene
- 1,4-Dichlorobenzene
- 2,4,5-Trichlorophenol
- 2,4-Dichlorophenol
- 2,4-Dinitrophenol
- 2,6-Dinitrotoluene (2,6-DNT)
- 2-Chlorophenol
- 2-Methylphenol (o-Cresol)
- 2-Nitrophenol
- 3-Nitroaniline
- 4-Bromophenyl phenyl ether
- 4-Chloroaniline
- 4-Methylphenol (p-Cresol)
- 4-Nitrophenol
- Acenaphthylene
- Benzo(a)anthracene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Bis(2-chloroethyl) ether
- Butyl benzyl phthalate
- Carbofuran (Furaden)
- Chrysene
- Dibenzofuran
- Dimethyl phthalate
- Di-n-octyl phthalate
- Fluorene
- Hexachlorobutadiene
- Hexachloroethane

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FOT Name: Solid and Chemical Materials, Organic

Method: 8270C

Matrix Type: NPW/SCM

Isophorone	Indeno(1,2,3-cd) pyrene
Nitrobenzene	Naphthalene
N-Nitrosodi-n-propylamine	N-Nitrosodimethylamine
o-Cresol (2-Methylphenol)	N-Nitrosodiphenylamine
Pentachlorophenol	p-Cresol (4-Methylphenol)
Phenol	Phenanthrene
	Pyrene

Method: 8270C Mod_Farm Chemicals

Matrix Type: NPW/SCM

Acetochlor	Alachlor
Atrazine	Butylate
Chlorpyrifos	Cyanazine
EPTC	Metolachlor
Metribuzin	Pendimethalin
Prometon	Simazine
Terbufos	Trifluralin

Method: 8321B

Matrix Type: NPW/SCM

2,4,5-T	2,4,5-TP (Silvex)
2,4-D	2,4-DB
Aldicarb (Temik)	Carbofuran (Furaden)
Dalapon	Dicamba
Dinoseb	MCPA
MCPP	Oxamyl

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Buffalo Grove 2020 WM Downing* *Buffalo Grove IL 60089*
Project No:	*T19-796*
Report Type:	*Screen Report Plus*
Order No:	*20191101101*
Requested by:	*Bluff City Materials, Inc*
Date Completed:	*November 1, 2019*

Environmental Risk Information Services
A division of Glacier Media Inc.
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Executive Summary

Property Information:

Project Property:		*Buffalo Grove 2020 WM* *Downing Buffalo Grove IL 60089*
Project No:		*T19-796*
Coordinates:		
	Latitude:	*42.1322827*
	Longitude:	*-87.9575585*
	UTM Northing:	*4,664,907.25*
	UTM Easting:	*420,861.36*
	UTM Zone:	*16T*
Elevation:		*681 FT*

Order Information:

Order No:	*20191101101*
Date Requested:	*November 1, 2019*
Requested by:	*Bluff City Materials, Inc*
Report Type:	*Screen Report Plus*

Historicals/Products:

ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*

Executive Summary: Report Summary

Database	Searched	Project Property	Within 0.250mi	Total
Standard Environmental Records				
Federal				
NPL	Y	0	0	0
PROPOSED NPL	Y	0	0	0
DELETED NPL	Y	0	0	0
SEMS	Y	0	0	0
SEMS ARCHIVE	Y	0	0	0
ODI	Y	0	0	0
CERCLIS	Y	0	0	0
IODI	Y	0	0	0
CERCLIS NFRAP	Y	0	0	0
CERCLIS LIENS	Y	0	0	0
RCRA CORRACTS	Y	0	0	0
RCRA TSD	Y	0	0	0
RCRA LQG	Y	0	0	0
RCRA SQG	Y	0	0	0
RCRA CESQG	Y	0	0	0
RCRA NON GEN	Y	0	0	0
FED ENG	Y	0	0	0
FED INST	Y	0	0	0
ERNS 1982 TO 1986	Y	0	0	0
ERNS 1987 TO 1989	Y	0	0	0
ERNS	Y	0	0	0
FED BROWNFIELDS	Y	0	0	0
FEMA UST	Y	0	0	0
REFN	Y	0	0	0
BULK TERMINAL	Y	0	0	0
SEMS LIEN	Y	0	0	0

Database	Searched	Project Property	Within 0.250mi	Total
SUPERFUND ROD	Y	0	0	0
State				
SSU	Y	0	0	0
DELISTED SSU	Y	0	0	0
SWF/LF	Y	0	0	0
SWF/LF SPECIAL	Y	0	0	0
NIPC	Y	0	0	0
CCDD	Y	0	0	0
LUST	Y	0	0	0
LUST DOCUMENT	Y	0	0	0
DELISTED LUST	Y	0	0	0
LUST TRUST	Y	0	0	0
UST	Y	0	0	0
AST	Y	0	0	0
DELISTED TANK	Y	0	0	0
ENG	Y	0	0	0
INST	Y	0	0	0
SRP	Y	0	0	0
BROWNFIELDS	Y	0	0	0
BROWN MBRGP	Y	0	0	0
Tribal				
INDIAN LUST	Y	0	0	0
INDIAN UST	Y	0	0	0
DELISTED ILST	Y	0	0	0
DELISTED IUST	Y	0	0	0
County				
TANKS CHICAGO	Y	0	0	0
PERMITS CHICAGO	Y	0	0	0
Additional Environmental Records				
Federal				
PFAS NPL	Y	0	0	0
FINDS/FRS	Y	0	1	1
TRIS	Y	0	0	0
PFAS TRI	Y	0	0	0
HMIRS	Y	0	0	0
NCDL	Y	0	0	0
TSCA	Y	0	0	0

Database	Searched	Project Property	Within 0.250mi	Total
HIST TSCA	Y	0	0	0
FTTS ADMIN	Y	0	0	0
FTTS INSP	Y	0	0	0
PRP	Y	0	0	0
SCRD DRYCLEANER	Y	0	0	0
ICIS	Y	0	0	0
FED DRYCLEANERS	Y	0	0	0
DELISTED FED DRY	Y	0	0	0
FUDS	Y	0	0	0
MLTS	Y	0	0	0
HIST MLTS	Y	0	0	0
MINES	Y	0	0	0
ALT FUELS	Y	0	0	0
SSTS	Y	0	0	0
PCB	Y	0	0	0
State				
PFAS	Y	0	0	0
SPILLS	Y	0	0	0
SPILLS2	Y	0	0	0
DRYCLEANERS	Y	0	0	0
TIER 2	Y	0	0	0
DELISTED DRYCLEANERS	Y	0	0	0
CDL	Y	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*	*1*	*1*

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number

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
1	FINDS/FRS	SANTRONICS LABORATORIES INC	223 PALMGRON CT BUFFALO GROVE IL 60089-4328	NNE	0.16 / 867.11	-3	13

Executive Summary: Summary by Data Source

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Apr 23, 2019 has found that there are 1 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
SANTRONICS LABORATORIES INC	223 PALMGRON CT BUFFALO GROVE IL 60089-4328	NNE	0.16 / 867.11	1

Map : 0.25 Mile Radius

Order Number: 20191101101

Address: Downing, IL

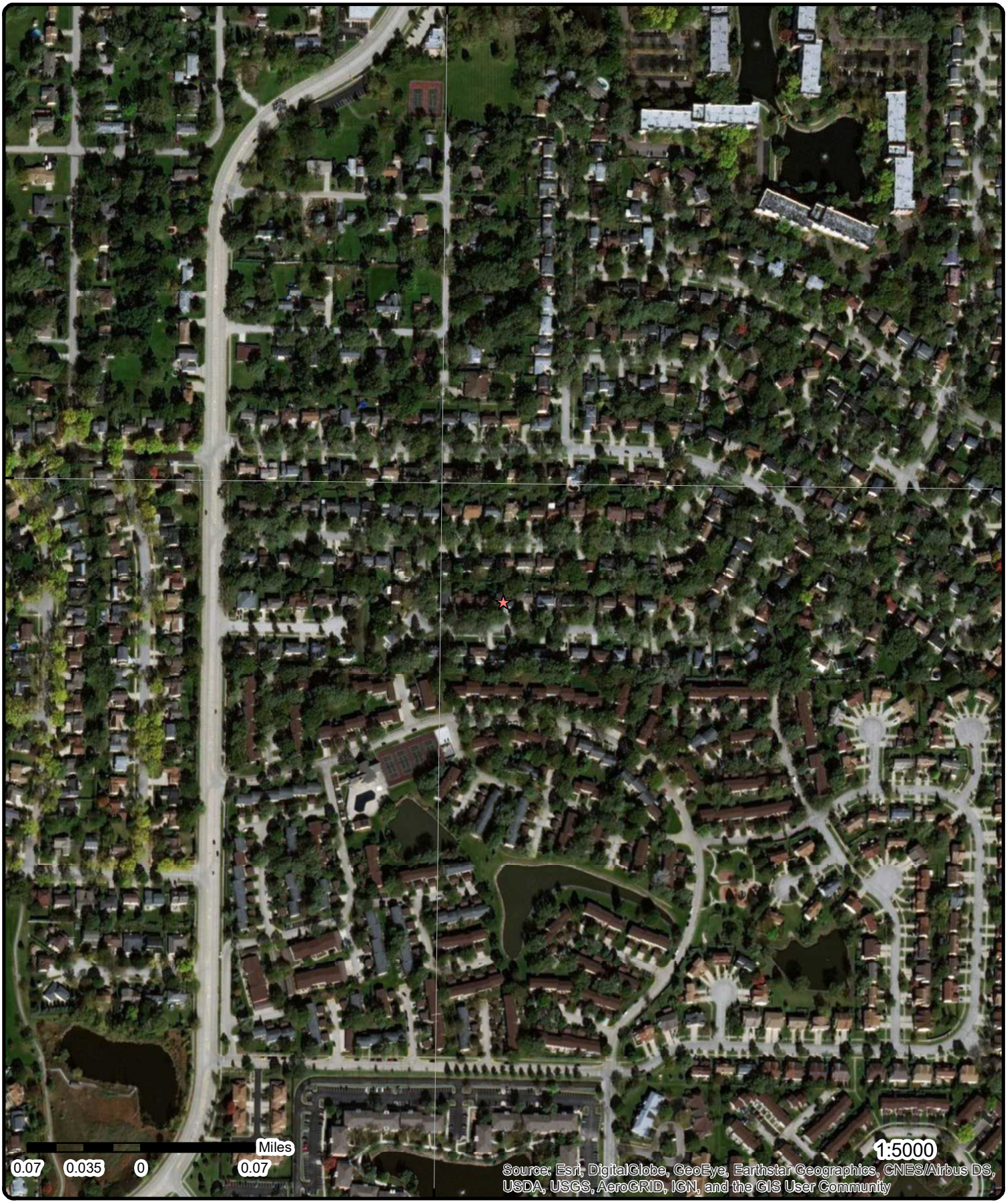
ENVIRONMENTAL RISK INFORMATION SERVICES

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		

Source: © 2016 ESRI

87°57'30"W

42°8'N



42°8'N

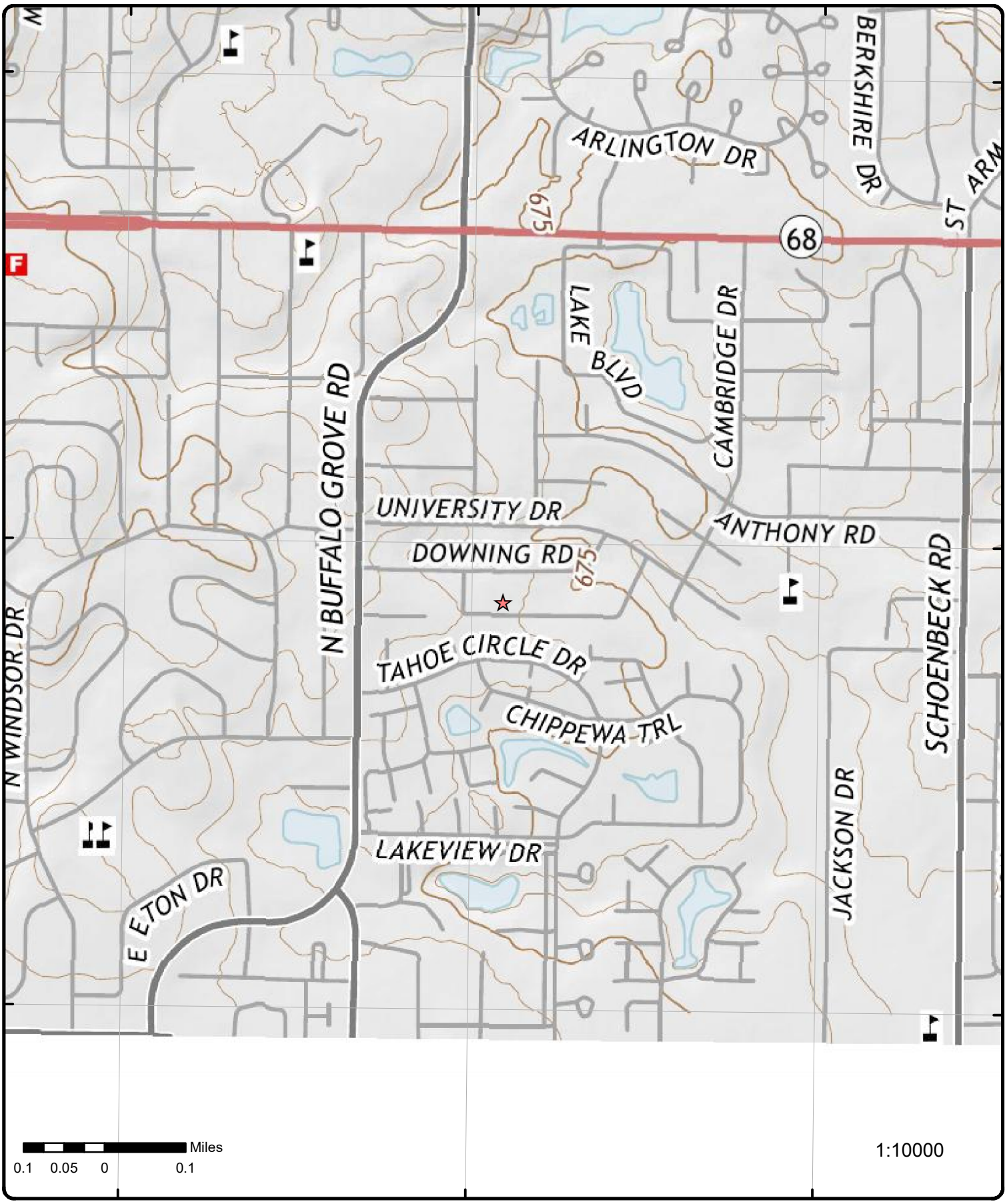
Aerial Year: 2017

Address: Downing, IL

Source: ESRI World Imagery

Order Number: 20191101101

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Year: 2015

Address: Downing, IL

Quadrangle(s): Wheeling,IL

Source: USGS Topographic Map

Order Number: 20191101101

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 1	NNE	0.16 / 867.11	678.05 / -3	SANTRONICS LABORATORIES INC 223 PALMGRON CT BUFFALO GROVE IL 60089-4328	FINDS/FRS

Registry ID:	110013760377
FIPS Code:	17097
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	07-MAR-2003 17:19:30
Update Date:	25-MAR-2003 10:07:44
Interest Types:	COMPLIANCE ACTIVITY
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	
Census Block Code:	
EPA Region Code:	05
County Name:	LAKE
US/Mexico Border Ind:	
Latitude:	42.13446
Longitude:	-87.95608
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110013760377
Program Acronyms:	

NCDB:C05#GM01FI416

Unplottable Summary

Total: 12 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
ERNS		MP: 23.08 SD: HARVARD	ARLINGTON HEIGHTS IL		858630727
ERNS		1573/1575 TAHOE CIRCLE	WHEELING IL		806699936
ERNS		645 WEST UNIVERSITY DRIVE	ARLINGTON HEIGHTS IL		807061426
FINDS/FRS	WILLIAM O ANDERSON	852 SETON COURT	WHEELING IL	60090-5703	817566653
FINDS/FRS	FREUND INTERNATIONAL	BUFFALO GROVE RD	BUFFALO GROVE IL	60089	817477513
FINDS/FRS	BRIDGE	W JEFFERY OVER BUFFALO CREEK	WHEELING IL	60090	825814971
FINDS/FRS	ROSEGLEN SUBDIVISION	BUFFALO GROVE RD	BUFFALO GROVE IL	60089	825510240
SPILLS2	MOBILE OIL	NEAR BUFFALO GROVE	BUFFALO GROVE IL		822438504
SPILLS2	MOBILE OIL	NEAR BUFFALO GROVE	BUFFALO GROVE IL		825138687
UST	True North Energy LLC	185 Milwaukee Avenue Buffalo Grove, IL 60089	IL		876206648
UST	Powernail Company, Inc.	301 East Half Day Road Buffalo Grove, IL 60089	IL		813446714
UST	Construction Site	20194 Buffalo Grove Road Buffalo Grove, IL 60089	IL		813460754

Unplottable Report

Site:

MP: 23.08 SD: HARVARD ARLINGTON HEIGHTS IL

ERNS

NRC Report No:	1138640	***Latitude Degrees:***	
Type of Incident:	RAILROAD NON-RELEASE	***Latitude Minutes:***	
Incident Cause:	OTHER	***Latitude Seconds:***	
Incident Date:	1/21/2016 2:33:00 PM	***Longitude Degrees:***	
Incident Location:	PASSENGER ROUTE	***Longitude Minutes:***	
Incident Dtg:	DISCOVERED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:	No	***Location Section:***	
Year:	Year 2016 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		

Description of Incident: THE CALLER IS REPORTING A COMMUTER TRAIN VERSUS PASSENGER VEHICLE (UNKNOWN TYPE) AT A GRADE CROSSING. THE CALLER STATED THAT THERE IS ONE REPORTED FATALITY TO THE OCCUPANT OF THE VEHICLE. CALLER STATED THAT CONFIRMATION OF THE FATALITY WAS AT 444 CDT/1644 LOCAL TIME.

Calls Information

Date Time Received:	1/21/2016 5:53:29 PM	***Responsible City:***	
Date Time Complete:	1/21/2016 6:00:16 PM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:		***Source:***	TELEPHONE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	U
NPDES:		***Airbag Deployed:***	U
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	HARVARD
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:		***Structure Oper:***	U
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:		***Passenger Handling:***	CALLER STATED IT IS UNKNOWN HOW THE PASSENGERS WILL BE HANDLED.

Type of Fuel:		***Passenger Route:***	YES
DOT Crossing No:	176927M	***Passenger Delay:***	YES
DOT Regulated:	U	***Sub Part C Test Req:***	UNK
Pipeline Type:		***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	
Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:	23.08	***Brakeman Test:***	
Grade Crossing:	Y	***Train Dispat Test:***	
Crossing Device Ty:	GATES	***Signalman Test:***	
Ty Vehicle Involved:	UNKNOWN	***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	RC20160010
Release Rate:		***State Agen on Scene:***	LOCAL RESPONDERS
Release Rate Unit:		***State Agen Notified:***	OEM
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	INVESTIGATION UNDERWAY.	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	UNKNOWN
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	N	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:	1	***Water Supp Contam:***	U
Any Fatalities:	Y	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	1
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	Y	***Sheen Size Length U:***	
Track Desc:	TRIPLE MAIN	***Sheen Size Width:***	
Track Closure Time:	2.5	***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:	ALL	***Dir of Sheen Travel:***	
Media Interest:	UNKNOWN	***Sheen Odor Desc:***	
Medium Desc:	RAIL REPORT (N/A)	***Duration Unit:***	
Addl Medium Info:	/GRADE CROSSING INCIDENT	***Additional Info:***	

Site:

1573/1575 TAHOE CIRCLE WHEELING IL

ERNS

NRC Report No:	700664	***Latitude Degrees:***	
Type of Incident:	PIPELINE	***Latitude Minutes:***	
Incident Cause:	UNKNOWN	***Latitude Seconds:***	
Incident Date:	9/24/2003 6:10:00 AM	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:		***Location Section:***	

Year:	Year 2003 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		
Description of Incident:	A HOUSE FIRE STARTED DUE TO UNKNOWN CAUSES. THE NATURAL GAS SERVICE LINE TO THE HOUSE CONTRIBUTED TO THE FIRE.		

Material Spill Information

Chris Code:	ONG	***Unit of Measure:***	UNKNOWN AMOUNT
CAS No:	000000-00-0	***If Reached Water:***	NO
UN No:		***Amount in Water:***	
Name of Material:	NATURAL GAS	***Unit Reach Water:***	
Amount of Material:	0		

Calls Information

Date Time Received:	9/24/2003 5:27:50 PM	***Responsible City:***	NAPERVILLE
Date Time Complete:	9/24/2003 5:33:08 PM	***Responsible State:***	IL
Call Type:	INC	***Responsible Zip:***	60507
Resp Company:	NICOR GAS	***Source:***	TELEPHONE
Resp Org Type:	PUBLIC UTILITY		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:		***Structure Oper:***	U
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:		***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:	SERVICE	***Conductor Test:***	
Pipeline Abv Ground:	BELOW	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	
Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:		***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:		***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	Y	***State Agen Report No:***	NO REPORT #
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	IL. COMMERCE COMMISION
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	THE SERVICE LINE WAS DISCONNECTED.	***Body of Water:***	
Fire Involved:	Y	***Tributary of:***	
Fire Extinguished:	Y	***Near River Mile Make:***	
Any Evacuations:	Y	***Near River Mile Mark:***	
No Evacuated:	1	***Offshore:***	N
Who Evacuated:	PRIVATE CITIZENS	***Weather Conditions:***	UNKNOWN
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	N	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	N	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	N
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:	NONE	***Sheen Odor Desc:***	
Medium Desc:	AIR	***Duration Unit:***	
Addl Medium Info:	ATMOSPHERE	***Additional Info:***	CALLER HAD NO ADDITIONAL INFORMATION.

Site:

645 WEST UNIVERSITY DRIVE ARLINGTON HEIGHTS IL ERNS

NRC Report No:	507233	***Latitude Degrees:***	
Type of Incident:	FIXED	***Latitude Minutes:***	
Incident Cause:	DUMPING	***Latitude Seconds:***	
Incident Date:	11/23/1999 12:00:00 PM	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	DISCOVERED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:		***Location Section:***	
Year:	Year 1999 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		

Description of Incident: THE CALLER STATES THAT THE COMPANY DUMPS THEIR WASTE MATERIALS DOWN THEDRAIN

Material Spill Information

Chris Code:	UNK	***Unit of Measure:***	UNKNOWN AMOUNT
CAS No:		***If Reached Water:***	YES
UN No:		***Amount in Water:***	0
Name of Material:	MISC. PRINTING WASTE MATERIALS	***Unit Reach Water:***	UNKNOWN AMOUNT
Amount of Material:	0		

Calls Information

Date Time Received:	11/30/1999 11:16:09 AM	***Responsible City:***	ARLINGTON HEIGHTS
Date Time Complete:	11/30/1999 11:19:33 AM	***Responsible State:***	IL
Call Type:	INC	***Responsible Zip:***	
Resp Company:	TPM GRAPHICS	***Source:***	UNAVAILABLE
Resp Org Type:	PRIVATE ENTERPRISE		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:	UNKNOWN	***Structure Oper:***	Y
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:	UNKNOWN	***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:	UNKNOWN	***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	U	***Yard Foreman Test:***	
Railroad Hotline:	No	***RCL Operator Test:***	
Railroad Milepost:	UNKNOWN	***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:	UNKNOWN	***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	NONE	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	U	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U

Any Fatalities:	U	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	N
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:		***Sheen Odor Desc:***	
Medium Desc:	WATER	***Duration Unit:***	
Addl Medium Info:	DRAIN	***Additional Info:***	THE CALLER HAD NO OTHER INFORMATION

Site: ***WILLIAM O ANDERSON***
852 SETON COURT WHEELING IL 60090-5703

FINDS/FRS

Registry ID:	110009372552
FIPS Code:	17031
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	01-MAR-2000 00:00:00
Update Date:	09-JAN-2015 18:57:45
Interest Types:	AIR MINOR, CESQG, HAZARDOUS WASTE BIENNIAL REPORTER, STATE MASTER
SIC Codes:	9999
SIC Code Descriptions:	NONCLASSIFIABLE ESTABLISHMENTS
NAICS Codes:	332212, 339999
NAICS Code Descriptions:	ALL OTHER MISCELLANEOUS MANUFACTURING., HAND AND EDGE TOOL MANUFACTURING.
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	
Census Block Code:	
EPA Region Code:	05
County Name:	COOK
US/Mexico Border Ind:	
Latitude:	42.12621
Longitude:	-87.93063
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110009372552
Program Acronyms:	

ACES:170000036002, ACES:170000391314, AIR:IL000031324ACL, AIRS/AFS:1703103934, BR:ILD131213662, RCRAINFO:ILD131213662

Site: ***FREUND INTERNATIONAL***
BUFFALO GROVE RD BUFFALO GROVE IL 60089

FINDS/FRS

Registry ID:	110018471679

FIPS Code: 17031
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 19-OCT-2004 19:54:53
Update Date: 29-DEC-2014 13:25:17
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110018471679
Program Acronyms:

ACES:170000485972

Site: ***BRIDGE***
W JEFFERY OVER BUFFALO CREEK WHEELING IL 60090

FINDS/FRS

Registry ID: 110060382241
FIPS Code: 17031
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 16-SEP-2014 08:06:51
Update Date:
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110060382241

Program Acronyms:

ACES:170002052631

Site: ***ROSEGLEN SUBDIVISION***
BUFFALO GROVE RD BUFFALO GROVE IL 60089

FINDS/FRS

Registry ID: 110061094890
FIPS Code: 17097
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 16-OCT-2014 09:19:31
Update Date:
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 05
County Name: LAKE
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110061094890
Program Acronyms:

ACES:170002058270

Site: ***MOBILE OIL***
NEAR BUFFALO GROVE BUFFALO GROVE IL

SPILLS2

Incident ID: NL850868
Received Date: 7/12/1985
Action:
Action Descrlption:
Occured Date:
Incident LUST:
Incident County: COOK

Site: ***MOBILE OIL***
NEAR BUFFALO GROVE BUFFALO GROVE IL

SPILLS2

Incident ID: NL850868
Received Date: 8/7/1985
Action:
Action Descrlption:
Occured Date:
Incident LUST:
Incident County: COOK

Site: ***True North Energy LLC***
185 Milwaukee Avenue Buffalo Grove, IL 60089 IL

UST

Facility No:	2046886	***Green Tag Exp Dt:***	
Facility Status:	Not Installed	***Mtr Fuel Perm Insp Dt:***	
Facility Type:	Self-Service Station	***Mtr Fuel Perm Exp Dt:***	
Motor Fuel Type:		***Fin Resp Rpt Due:***	
Green Tag Decal:		***County:***	Lake
Green Tag Issue Dt:			
Purchase Date:			
Type Financial Resp:			
Property Parcel:			
Owner Type:	Private		
Owner Status:	Current Owner		
Owner Name:	True North Energy, LLC		
Owner Address:	10346 Brecksville Road Brecksville, OH 44141		
Facility URL:	http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2046886&PrintDetail=true		
Permit History Link:	https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2046886		

Tank Information

Tank No:	2	***Current Age:***	
Status:	Not Installed	***Product:***	Gasoline - Premium
Removed Date:		***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:		***Fee Due:***	$0.00
Capacity:	6000	***OSFM First Noti Dt:***	
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	3	***Current Age:***	
Status:	Not Installed	***Product:***	Diesel Fuel
Removed Date:		***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:		***Fee Due:***	$0.00
Capacity:	9000	***OSFM First Noti Dt:***	
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	1	***Current Age:***	
Status:	Not Installed	***Product:***	Gasoline - Regular
Removed Date:		***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:		***Fee Due:***	$0.00
Capacity:	15000	***OSFM First Noti Dt:***	
Regulated Status:	Federal	***CAS Code:***	

Owner Summary

Owner No:	U0035735	***Owner Status:***	Current Owner
Owner Name:	True North Energy, LLC	***Purchase Date:***	

Site: ***Powernail Company, Inc.***
301 East Half Day Road Buffalo Grove, IL 60089 IL

UST

Facility No:	2006509	***Green Tag Exp Dt:***	
Facility Status:	Closed	***Mtr Fuel Perm Insp Dt:***	
Facility Type:	Industrial / Manufacturing	***Mtr Fuel Perm Exp Dt:***	
Motor Fuel Type:		***Fin Resp Rpt Due:***	
Green Tag Decal:		***County:***	Lake

Green Tag Issue Dt:
Purchase Date: 1/1/1954
Type Financial Resp: Other (add note)
Property Parcel:
Owner Type: Private
Owner Status: Current Owner
Owner Name: Powernail Company, Inc
Owner Address: P. O. Box 300
Lincolnshire, IL 60069
Facility URL: http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2006509&PrintDetail=true
Permit History Link: https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2006509

Tank Information

Tank No: 1
Status: Removed
Removed Date: 1/18/1996
Red Tag Issue Date:
Abandoned Date:
Install Date:
Last Used Date:
Capacity: 1500
Regulated Status: Federal
Current Age: 14
Product: Diesel Fuel
Product Date:
Petroleum Use:
CERCLA Substance:
Abandoned Material:
Fee Due: $0.00
OSFM First Noti Dt: 3/27/1986
CAS Code:

Tank Information

Tank No: 2
Status: Removed
Removed Date: 1/18/1996
Red Tag Issue Date:
Abandoned Date:
Install Date:
Last Used Date:
Capacity: 1500
Regulated Status: Federal
Current Age: 14
Product: Gasoline
Product Date:
Petroleum Use:
CERCLA Substance:
Abandoned Material:
Fee Due: $0.00
OSFM First Noti Dt: 3/27/1986
CAS Code:

Tank Information

Tank No: 4
Status: Removed
Removed Date: 10/8/2003
Red Tag Issue Date:
Abandoned Date:
Install Date: 1/1/1959
Last Used Date:
Capacity: 10000
Regulated Status: State
Current Age: 44
Product: Heating Oil
Product Date:
Petroleum Use: Consumptive Use on Premises
CERCLA Substance:
Abandoned Material:
Fee Due: $0.00
OSFM First Noti Dt: 6/23/1992
CAS Code:

Tank Information

Tank No: 3
Status: Removed
Removed Date: 1/18/1996
Red Tag Issue Date:
Abandoned Date:
Install Date:
Last Used Date:
Capacity: 2000
Regulated Status: Federal
Current Age: 14
Product: Gasoline
Product Date:
Petroleum Use:
CERCLA Substance:
Abandoned Material:
Fee Due: $0.00
OSFM First Noti Dt: 3/27/1986
CAS Code:

Owner Summary

Owner No: U0012090
Owner Name: Powernail Company, Inc
Owner Status: Current Owner
Purchase Date: 1/1/1954

Site: ***Construction Site***
20194 Buffalo Grove Road Buffalo Grove, IL 60089 IL

UST

Facility No:	2042552	***Green Tag Exp Dt:***	
Facility Status:	Exempt	***Mtr Fuel Perm Insp Dt:***	
Facility Type:	None	***Mtr Fuel Perm Exp Dt:***	
Motor Fuel Type:		***Fin Resp Rpt Due:***	
Green Tag Decal:		***County:***	Lake
Green Tag Issue Dt:			
Purchase Date:			
Type Financial Resp:			
Property Parcel:			
Owner Type:			
Owner Status:	Current Owner		
Owner Name:	Buffalo Grove Bank & Trust		
Owner Address:			
Facility URL:	http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2042552&PrintDetail=true		
Permit History Link:	https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2042552		

Tank Information

Tank No:	1	***Current Age:***	
Status:	Removed	***Product:***	Heating Oil
Removed Date:	12/6/2004	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	Consumptive Use on Premises
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:	12/31/1973	***Fee Due:***	
Capacity:	550	***OSFM First Noti Dt:***	12/21/2004
Regulated Status:	Exempt	***CAS Code:***	

Owner Summary

Owner No:	U0032398	***Owner Status:***	Current Owner
Owner Name:	Buffalo Grove Bank & Trust	***Purchase Date:***	

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: Aug 20, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: 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: Aug 26, 2019

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: Aug 26, 2019

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: Aug 26, 2019

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: Aug 26, 2019

RCRA Conditionally Exempt and Very 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. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Conditionally Exempt and Very Small Quantity Generators (VSQG and CESQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG and CESQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Aug 26, 2019

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: Aug 26, 2019

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: Jun 11, 2019

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: Jun 11, 2019

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: Mar 21, 2019

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: Sep 3, 2019

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

Petroleum Refineries: REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Jul 17, 2018

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jan 18, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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 Northeastern Illinois: NIPC

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: Apr 30, 2018

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 17, 2019

Leaking UST Document: LUST DOCUMENT

A list of sites from the Illinois Environmental Protection Agency (IEPA) Document Explorer at which one or more of the documents is in the Leaking Underground Storage Tank (LUST) category. The IEPA Document Explorer provides online access to numerous Illinois EPA public records which are maintained in a digital format.

Government Publication Date: Jun 10, 2019

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 17, 2019

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, 2019

Aboveground Storage Tanks (AST): AST

A list of aboveground storage tanks inspected by the Office of State Fire Marshal (OSFM).

Government Publication Date: Jun 30, 2019

Delisted Storage Tanks: DELISTED TANK

This database contains a list of closed storage tank sites that were removed from the illinois Department of Enivornmental Quality.

Government Publication Date: Sep 18, 2019

Sites with Engineering Controls: ENG

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remedition Program (SRP) database with engineering controls in place.

Government Publication Date: Sep 11, 2019

Institutional Controls: INST

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remedition Program (SRP) database with institutional controls in place.

Government Publication Date: Sep 11, 2019

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: Sep 11, 2019

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: Sep 12, 2019

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: Sep 18, 2019

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: Sep 12, 2019

Additional Environmental Record Sources

Federal

PFOA/PFOS Contaminated Sites: PFAS NPL

List of sites where PFOA or PFOS contaminants have been found in drinking water or soil. Made available by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Nov 15, 2018

Facility Registry Service/Facility Index: FINDS/FRS

The US Environmental Protection Agency (EPA)'s Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, data collected from EPA's Central Data Exchange registrations and data management personnel.

Government Publication Date: Apr 23, 2019

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Dec 31, 2017

Perfluorinated Alkyl Substances (PFAS) Releases: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Dec 31, 2017

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Jan 8, 2019

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: Sep 26, 2019

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

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Aug 20, 2019

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

Integrated Compliance Information System (ICIS): ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Nov 18, 2016

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: May 29, 2018

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: May 29, 2018

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: Oct 23, 2018

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: Nov 1, 2018

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: May 3, 2019

Alternative Fueling Stations: ALT FUELS

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Oct 1, 2019

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: May 31, 2019

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: Mar 20, 2019

State

Per- and Polyfluoroalkyl Substances (PFAS): PFAS

A list of reports taken by the Illinois Emergency Management Agency (IEMA) of incidents involving hazardous materials, where the hazardous material involved in the incident is in the PFAS Master List of PFAS Substances made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Sep 12, 2019

Spills and Incidents: SPILLS

A list of reports taken by Illinois Emergency Management Agency (IEMA) of Hazardous Material spills in Illinois.

Government Publication Date: Sep 12, 2019

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: Sep 12, 2019

Dry Cleaning Facilities: DRYCLEANERS

A list of licensed drycleaners facilities provided by Drycleaner Environmental Response Trust Fund of Illinois.

Government Publication Date: Aug 18, 2019

Tier 2 Report: TIER 2

List of facilities who submit Tier II forms to the Illinois Emergency Management Agency (IEMA).

Government Publication Date: Sep 16, 2019

Delisted Drycleaners: DELISTED DRYCLEANERS

List of sites removed from the drycleaners database made available by the Drycleaner Environmental Response Trust Fund of Illinois.

Government Publication Date: Aug 18, 2019

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: Sep 14, 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.

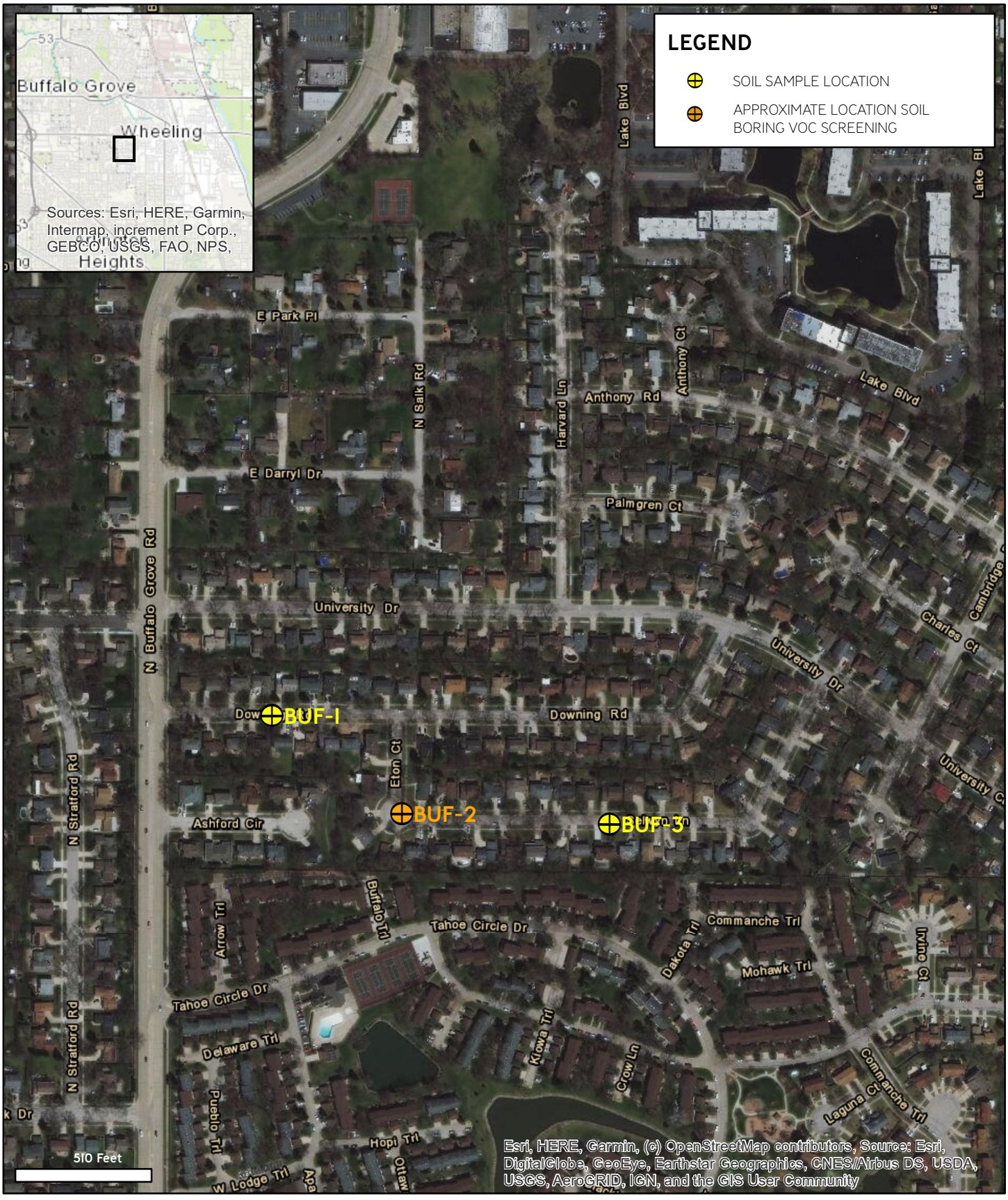
'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'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.



TRUE NORTH CONSULTANTS
1000 EAST WARRENVILLE ROAD
NAPERVILLE, ILLINOIS 60563
ENVIRONMENT : DEVELOPMENT : INFRASTRUCTURE

SITE	DOWNING ROAD, ETON COURT AND SELWYN LANE BUFFALO GROVE, ILLINOIS
CLIENT	VILLAGE OF BUFFALO GROVE 50 RAUPP BLVD BUFFALO GROVE, ILLNIOIS

PROJECT	TII9875
DATE	12/24/2019
SCALE	1 inch=500 feet

FIGURE 2

PDC Laboratories, Inc.

Tuesday, December 10, 2019

Marjory Bredrup

True North Consultants
1000 East Warrenville Rd. #140
Naperville, IL 60563

TEL: (630) 717-2880

FAX:

RE: Buffalo Grove 2020 Water Main Imp: BG, IL PDC WO: 9121475

PDC Laboratories, Inc. received 1 sample(s) on 12/6/2019 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

Michael Austin
Project Manager

Certifications: NELAP/NELAC - IL #100323

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121475
Client Sample ID: BUF-1 **Lab ID:** 9121475-01
Collection Date: 12/6/19 8:07 **Matrix:** Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
General Chemistry									
pH	**8.44**	0.0100		pH Units	1	12/9/19 16:31	12/9/19 17:19	SW 9045	JMH

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121475

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B928514 - 06-SW 9045C pH										
Duplicate (B928514-DUP1)		**Source: 9121498-01**		Prepared & Analyzed: 12/09/19 1						
pH	7.81	0.0100	pH Units		7.82			0.2	5	

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121475

Notes and Definitions

*	NELAC certified compound.
U	Analyte not detected (i.e. less than RL or MDL).

Chain of Custody Record

Phone: (847) 651-2604
FAX: (847) 458-9680

9121475

Client	True North Consultants
Address	1000 East Warrenville Road, Suite 140
City, State, Zip Code	Naperville, Illinois 60563
Phone / Facsimile	630.717.2880/630.689.5881
Project Name / Number	Buffalo Gove 2020 Water Main Improvements
Project Location	Buffalo Grove, IL
P.O. # or Invoice To	T119875
Contact Person	M. Bredrup, J. Reed, M. Kupczyk, M. Jawad, G. Klepitsch

Reporting: CCDD ■ MAC ☐; CALM ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F; RISC ☐ Resid ☐ Indust

Sample Description	Sampling Date	Sampling Time	Matrix Code	Preserv Code	No. of Containers	Sample Type Comp	Sample Type Grab	Analysis and/or Method Requested: pH	Sampler Comments
BUF-1	12/6/2019	807	S	0	1		X	X	

Matrix Code	A - Aqueous	DW - Drinking Water	GW - Ground Water	NA - Non-Aqueous Liquid	S - Solid	O - Oil	X - Other (Specify)
Preserv Code	0 - None	1 - HCl	2 - H_2SO_4	3 - HNO_3	4 - NaOH	5 - 5035 Kit	X - Other (Specify)

Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment
	12/6/19	1520		12/6/19	1520	
	12/6/19	1700				
				12/7/19	1105	

Special Instructions:

Turnaround Time: Standard ☐ Rush ☐
Date Required:

QC Level: 1 ☐ 2 ■ 3 ☐ 4 ☐

On wet ice? Yes No

Temperature (°C): 5.8

PAS COC Rev. 3

Page 1 of 1

Copies: White - Client / Yellow - PAS, Inc. / Pink - Sampler

PDC Laboratories, Inc.

Tuesday, December 10, 2019

Marjory Bredrup

True North Consultants
1000 East Warrenville Rd. #140
Naperville, IL 60563

TEL: (630) 717-2880

FAX:

RE: Buffalo Grove 2020 Water Main Imp: BG, IL PDC WO: 9121477

PDC Laboratories, Inc. received 1 sample(s) on 12/6/2019 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

Michael Austin
Project Manager

Certifications: NELAP/NELAC - IL #100323

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121477
Client Sample ID: BUF-3 **Lab ID:** 9121477-01
Collection Date: 12/6/19 8:46 **Matrix:** Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
General Chemistry									
pH	**7.69**	0.0100		pH Units	1	12/9/19 16:31	12/9/19 17:19	SW 9045	JMH

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121477

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B928514 - 06-SW 9045C pH										
Duplicate (B928514-DUP1)		**Source: 9121498-01**		Prepared & Analyzed: 12/09/19 1						
pH	7.81	0.0100	pH Units		7.82			0.2	5	

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121477

Notes and Definitions

*	NELAC certified compound.
U	Analyte not detected (i.e. less than RL or MDL).

Chain of Custody Record

Phone: (847) 651-2604
FAX: (847) 458-9680

9121477

Client	True North Consultants
Address	1000 East Warrenville Road, Suite 140
City, State, Zip Code	Naperville, Illinois 60563
Phone / Facsimile	630.717.2880/630.689.5881
Project Name / Number	Buffalo Gove 2020 Water Main Improvements
Project Location	Buffalo Grove, IL
P.O. # or Invoice To	T119875
Contact Person	M. Bredrup, J. Reed, M. Kupczyk, M. Jawad, G. Klepitsch

Reporting: CCDD ■ MAC ☐ | CALM ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F | RISC ☐ Resid ☐ Indust

Sample Description	Sampling Date	Sampling Time	Matrix Code	Preserv Code	No. of Containers	Sample Type Comp	Sample Type Grab	Analysis and/or Method Requested: pH	Sampler Comments
BUF-3	12/6/2019	846	S	0	1		X	X	

Matrix Code	A - Aqueous	DW - Drinking Water	GW - Ground Water	NA - Non-Aqueous Liquid	S - Solid	O - Oil	X - Other (Specify)
Preserv Code	0 - None	1 - HCl	2 - H2SO4	3 - HNO3	4 - NaOH	5 - 5035 Kit	X - Other (Specify)

Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment
	12/6/19	1520		12/6/19	1520	
	12/6/19	1520		12/7/19	1105	

Special Instructions:

Turnaround Time: Standard ☐ Rush ☐
Date Required:

QC Level: 1 ☐ 2 ■ 3 ☐ 4 ☐

On wet ice? Yes (circled) No

Temperature (°C): 5.8

PAS COC Rev. 3

Page 1 of 1

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PDC Laboratories, Inc.
2231 W Altorfer Dr • Peoria, IL 61615
(309) 692-9688 • (800) 752.6651 • Fax (309) 692-9688

March 14, 2019

To Whom It May Concern:

The TNI accreditation # 100323 for PDC-Springfield will remain in force as it is currently, until IEPA provides the laboratory with a new Certificate of Accreditation. Any questions should be directed to John South, Accreditation Officer by email at John.South@Illinois.gov.

Thank you for your patience.

Michael A. Travis
Corporate Director of Quality Assurance
D: 309.683.1744 | mtravis@pdclab.com

PDC Laboratories, Inc.
2231 W Altorfer Drive, Peoria, IL 61615
800.752.6651 | www.pdclab.com

STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY
NELAP - RECOGNIZED
ENVIRONMENTAL LABORATORY ACCREDITATION

is hereby granted to

PDC- SPRINGFIELD

1210 CAPITAL AIRPORT DRIVE

SPRINGFIELD, IL 62707-8413

NELAP ACCREDITED

ACCREDITATION NUMBER #100323

According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

Celeste M. Crowley
Acting Manager
Environmental Laboratory Accreditation Program

John South
Accreditation Officer
Environmental Laboratory Accreditation Program

Certificate No.:	004302
Expiration Date:	01/31/2019
Issued On:	02/09/2018

State of Illinois
Environmental Protection Agency

Certificate No.: 004302

Awards the Certificate of Approval to:

PDC- Springfield
1210 Capital Airport Drive
Springfield, IL 62707-8413

According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

FOT Name: Drinking Water, Inorganic

Method: SM2320B,18Ed

Matrix Type: Potable Water

Alkalinity

Method: SM2340B,18Ed

Matrix Type: Potable Water

Hardness

Method: SM4110B,18Ed

Matrix Type: Potable Water

Chloride	Fluoride
Nitrate	Nitrite
Orthophosphate as P	Sulfate

Method: SM4500CN-E,18Ed

Matrix Type: Potable Water

Cyanide

Method: SM4500H-B,18Ed

Matrix Type: Potable Water

Hydrogen ion (pH)

Method: SM5310C,20Ed

Matrix Type: Potable Water

Total Organic Carbon (TOC)

Method: USEPA150.1

Matrix Type: Potable Water

Hydrogen ion (pH)

Method: USEPA200.7R4.4

Matrix Type: Potable Water

Aluminum	Arsenic
Barium	Beryllium
Cadmium	Calcium
Chromium	Copper

PDC- Springfield
1210 Capital Airport Drive
Springfield, IL 62707-8413

FOT Name: Drinking Water, Inorganic

Method: USEPA200.7R4.4

Matrix Type: Potable Water

Iron	Hardness (calc.)
Manganese	Magnesium
Silver	Nickel
Zinc	Sodium

Method: USEPA200.8R5.4

Matrix Type: Potable Water

Aluminum	Antimony
Arsenic	Barium
Beryllium	Cadmium
Chromium	Copper
Lead	Manganese
Mercury	Molybdenum
Nickel	Selenium
Silver	Thallium
Zinc	

Method: USEPA245.2

Matrix Type: Potable Water

Mercury

Method: USEPA300.0R2.1

Matrix Type: Potable Water

Chloride	Fluoride
Nitrate	Nitrite
Orthophosphate as P	Sulfate

FOT Name: Drinking Water, Organic

Method: USEPA524.2R4.1

Matrix Type: Potable Water

1,1,1-Trichloroethane	1,1,2-Trichloroethane
1,1-Dichloroethene	1,2-Dichlorobenzene
1,2-Dichloroethane	1,2-Dichloropropane
1,4-Dichlorobenzene	Benzene
Bromodichloromethane	Bromoform
Carbon tetrachloride	Chlorobenzene
Chlorodibromomethane	Chloroform

FOT Name: Drinking Water, Organic

Method: USEPA524.2R4.1

Matrix Type: Potable Water

Dichloromethane (Methylene chloride)
Methyl tert-butyl ether (MTBE)
Styrene
Toluene
trans-1,2-Dichloroethene
Vinyl chloride
cis-1,2-Dichloroethene
Ethylbenzene
Naphthalene
Tetrachloroethene
Total trihalomethanes
Trichloroethylene
Xylenes (total)

FOT Name: Non Potable Water, Inorganic

Method: SM2130B,2001

Matrix Type: NPW/SCM

Turbidity

Method: SM2310B,1997

Matrix Type: NPW/SCM

Acidity

Method: SM2320B,1997

Matrix Type: NPW

Alkalinity

Method: SM2340B,1997

Matrix Type: NPW

Hardness

Method: SM2540B,1997

Matrix Type: NPW

Residue (Total)

Method: SM2540C,1997

Matrix Type: NPW

Residue (TDS)

Method: SM2540D,1997

Matrix Type: NPW

Residue (TSS)

Method: SM3500Cr-B,2009

Matrix Type: NPW/SCM

Chromium VI

Method: SM4110B,2000

Matrix Type: NPW/SCM

PDC- Springfield
1210 Capital Airport Drive
Springfield, IL 62707-8413

FOT Name: Non Potable Water, Inorganic

Matrix Type: NPW/SCM

Chloride
Nitrate
Nitrite
Sulfate

Method: SM4110B,2000

Bromide
Fluoride
Nitrate-Nitrite (as N)
Orthophosphate (as P)

Method: SM4500Cl-G,2000

Matrix Type: NPW

Chlorine, Total Residual

Method: SM4500CN-E,1999

Matrix Type: NPW

Cyanide

Method: SM4500H-B,2000

Matrix Type: NPW

Hydrogen Ion (pH)

Method: SM4500NH3-D,1997

Matrix Type: NPW/SCM

Ammonia

Method: SM4500NH3-G,1997

Matrix Type: NPW

Ammonia

Method: SM4500O-G,2001

Matrix Type: NPW

Oxygen - Dissolved

Method: SM4500P-E,1999

Matrix Type: NPW

Orthophosphate (as P)

Method: SM4500P-F,1999

Matrix Type: NPW

Orthophosphate (as P)

Method: SM4500S2-F,2000

Matrix Type: NPW/SCM

Sulfide

Method: SM5210B,2001

Matrix Type: NPW

Total Kjeldahl Nitrogen

Phosphorus

FOT Name: Non Potable Water, Inorganic

Matrix Type: NPW

Method: SM5210B,2001

Biochemical Oxygen Demand (BOD)

Matrix Type: NPW/SCM

Carbonaceous Biochemical Oxygen Demand (CBOI

Method: SM5220D,1997

Matrix Type: NPW

Chemical Oxygen Demand (COD)

Method: SM5310C,2000

Matrix Type: NPW

Total Organic Carbon (TOC)

Method: USEPA160.4,1971

Matrix Type: NPW

Residue (Volatile)

Method: USEPA1664A

Matrix Type: NPW

Oil and Grease

Method: USEPA180.1R2.0,1993

Matrix Type: NPW

Turbidity

Method: USEPA200.7,1994

Matrix Type: NPW/SCM

Aluminum	Antimony
Arsenic	Barium
Beryllium	Cadmium
Calcium	Chromium
Cobalt	Copper
Iron	Lead
Magnesium	Manganese
Molybdenum	Nickel
Potassium	Selenium
Silver	Sodium
Thallium	Tin
Titanium	Vanadium
Zinc	

Method: USEPA200.8,1994

FOT Name: **Non Potable Water, Inorganic** **Method:** **USEPA200.8,1994**

Matrix Type: **NPW/SCM**

Aluminum	Antimony
Arsenic	Barium
Beryllium	Boron
Cadmium	Calcium
Chromium	Cobalt
Copper	Iron
Lead	Magnesium
Manganese	Molybdenum
Nickel	Potassium
Selenium	Silver
Sodium	Thallium
Tin	Titanium
Vanadium	Zinc

Method: **USEPA245.2,1974**

Matrix Type: **NPW/SCM**

Mercury

Method: **USEPA300.0R2.1,1993**

Matrix Type: **NPW**

Bromide	Chloride
Fluoride	Nitrate
Nitrate-Nitrite (as N)	Nitrite
Orthophosphate (as P)	Sulfate

Method: **USEPA350.1R2.0,1993**

Matrix Type: **NPW**

Ammonia

Method: **USEPA365.1R2.0,1993**

Matrix Type: **NPW**

Orthophosphate (as P)

Method: **USEPA410.4R2.0,1993**

Matrix Type: **NPW**

Chemical Oxygen Demand (COD)

Method: **USEPA420.1,1978**

Matrix Type: **NPW**

FOT Name: Non Potable Water, Inorganic

Matrix Type: NPW

Method: USEPA420.4R1.0,1993

Matrix Type: NPW

Phenolics

Method: USEPA420.1,1978

Phenolics

FOT Name: Solid and Chemical Materials, Inorganic

Method: 1010A

Matrix Type: NPW/SCM

Ignitability

Method: 1311

Matrix Type: SCM

TCLP (Organic and Inorganic)

Method: 1312

Matrix Type: SCM

Synthetic Precipitation Leaching Procedure

Method: 6010B

Matrix Type: NPW/SCM

Antimony
Arsenic
Barium
Beryllium
Cadmium
Calcium
Chromium
Cobalt
Copper
Iron
Lead
Magnesium
Manganese
Molybdenum
Nickel
Potassium
Selenium
Silver
Sodium
Strontium
Thallium
Tin
Titanium
Vanadium
Zinc

Method: 6020A

Matrix Type: NPW/SCM

Aluminum
Antimony
Arsenic
Barium
Beryllium
Boron

PDC- Springfield
1210 Capital Airport Drive
Springfield, IL 62707-8413

FOT Name: Solid and Chemical Materials, Inorganic

Method: 6020A

Matrix Type: NPW/SCM

- Calcium
- Cadmium
- Chromium
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Mercury
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Vanadium
- Zinc

Method: 7196A

Matrix Type: NPW/SCM

- Chromium VI

Method: 7470A

Matrix Type: NPW

- Mercury

Method: 7471B

Matrix Type: SCM

- Mercury

Method: 9014

Matrix Type: NPW/SCM

- Cyanide

Method: 9034

Matrix Type: NPW/SCM

- Sulfides

Method: 9040B

Matrix Type: NPW

- Hydrogen Ion (pH)

Method: 9040C

Matrix Type: NPW

- Hydrogen Ion (pH)

Method: 9045C

Matrix Type: SCM

- Hydrogen Ion (pH)

FOT Name: Solid and Chemical Materials, Inorganic **Method: 9045D**

Matrix Type: SCM

Hydrogen Ion (pH)

Method: 9056A

Matrix Type: NPW/SCM

Bromide
Chloride
Fluoride
Nitrate
Nitrite
Phosphate
Sulfate

Method: 9065

Matrix Type: NPW/SCM

Phenolics

Method: 9081

Matrix Type: NPW/SCM

Cation-exchange Capacity

Method: 9095A

Matrix Type: NPW/SCM

Paint Filter

FOT Name: Solid and Chemical Materials, Organic

Method: 8015B

Matrix Type: NPW/SCM

Diesel range organics (DRO)
Gasoline range organics (GRO)

Method: 8081A

Matrix Type: NPW/SCM

4,4'-DDD
4,4'-DDE
4,4'-DDT
Aldrin
alpha-BHC
alpha-Chlordane
beta-BHC
Chlordane - not otherwise specified
delta-BHC
Dieldrin
Endosulfan I
Endosulfan II
Endosulfan sulfate
Endrin
Endrin aldehyde
Endrin ketone
gamma-BHC (Lindane)
gamma-Chlordane
Heptachlor
Heptachlor epoxide
Methoxychlor
Toxaphene

PDC- Springfield
1210 Capital Airport Drive
Springfield, IL 62707-8413

FOT Name: Solid and Chemical Materials, Organic **Method: 8082**

Matrix Type: NPW/SCM

PCB-1016	PCB-1221
PCB-1232	PCB-1242
PCB-1248	PCB-1254
PCB-1260	

Method: 8260B

Matrix Type: NPW/SCM

1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane
1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane
1,1-Dichloroethane	1,1-Dichloroethene
1,1-Dichloropropene	1,2,3-Trichlorobenzene
1,2,3-Trichloropropane	1,2,4-Trichlorobenzene
1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)
1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene
1,2-Dichloroethane	1,2-Dichloropropane
1,3,5-Trimethylbenzene	1,3-Dichlorobenzene
1,3-Dichloropropane	1,4-Dichlorobenzene
2,2-Dichloropropane	2-Butanone (Methyl ethyl ketone, MEK)
2-Chloroethyl vinyl ether	2-Chlorotoluene
2-Hexanone	4-Chlorotoluene
4-Methyl-2-pentanone (Methyl isobutyl ketone, MIBł	Acetone
Acetonitrile	Acrolein (Propenal)
Acrylonitrile	Benzene
Bromobenzene	Bromochloromethane
Bromodichloromethane	Bromoform
Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chlorodibromomethane (Dibromochloromethane)
Chloroethane	Chloroform
Chloromethane	cis-1,2-Dichloroethene
Dichlorodifluoromethane	Dichloromethane (Methylene chloride)
Ethylbenzene	Hexachlorobutadiene
Isopropylbenzene	Methyl-t-butyl ether
Naphthalene	n-Butylbenzene
n-Propylbenzene	p-Isopropyltoluene
sec-Butylbenzene	Styrene

PDC- Springfield
1210 Capital Airport Drive
Springfield, IL 62707-8413

FOT Name: Solid and Chemical Materials, Organic

Method: 8260B

Matrix Type: NPW/SCM

- Tetrachloroethene
- trans-1,2-Dichloroethene
- Trichlorofluoromethane
- Vinyl chloride
- tert-Butylbenzene
- Toluene
- Trichloroethene
- Vinyl acetate
- Xylenes (Total)

Method: 8270C

Matrix Type: NPW/SCM

- 1,2,4-Trichlorobenzene
- 1,3-Dichlorobenzene
- 2,2-Oxybis (1-chloropropane)
- 2,4,6-Trichlorophenol
- 2,4-Dimethylphenol
- 2,4-Dinitrotoluene (2,4-DNT)
- 2-Chloronaphthalene
- 2-Methylnaphthalene
- 2-Nitroaniline
- 3,3'-Dichlorobenzidine
- 4,6-Dinitro-2-methylphenol
- 4-Chloro-3-methylphenol
- 4-Chlorophenyl phenyl ether
- 4-Nitroaniline
- Acenaphthene
- Anthracene
- Benzo(a)pyrene
- Benzo(g,h,i)perlyene
- Bis(2-chloroethoxy) methane
- Bis(2-ethylhexyl) phthalate
- Carbazole
- Chlorobenzilate
- Dibenz(a,h)anthracene
- Diethyl phthalate
- Di-n-butyl phthalate
- Fluoranthene
- Hexachlorobenzene
- Hexachlorocyclopentadiene
- 1,2-Dichlorobenzene
- 1,4-Dichlorobenzene
- 2,4,5-Trichlorophenol
- 2,4-Dichlorophenol
- 2,4-Dinitrophenol
- 2,6-Dinitrotoluene (2,6-DNT)
- 2-Chlorophenol
- 2-Methylphenol (o-Cresol)
- 2-Nitrophenol
- 3-Nitroaniline
- 4-Bromophenyl phenyl ether
- 4-Chloroaniline
- 4-Methylphenol (p-Cresol)
- 4-Nitrophenol
- Acenaphthylene
- Benzo(a)anthracene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Bis(2-chloroethyl) ether
- Butyl benzyl phthalate
- Carbofuran (Furaden)
- Chrysene
- Dibenzofuran
- Dimethyl phthalate
- Di-n-octyl phthalate
- Fluorene
- Hexachlorobutadiene
- Hexachloroethane

PDC- Springfield
1210 Capital Airport Drive
Springfield, IL 62707-8413

FOT Name: Solid and Chemical Materials, Organic

Method: 8270C

Matrix Type: NPW/SCM

Isophorone	Indeno(1,2,3-cd) pyrene
Nitrobenzene	Naphthalene
N-Nitrosodi-n-propylamine	N-Nitrosodimethylamine
o-Cresol (2-Methylphenol)	N-Nitrosodiphenylamine
Pentachlorophenol	p-Cresol (4-Methylphenol)
Phenol	Phenanthrene
	Pyrene

Method: 8270C Mod_Farm Chemicals

Matrix Type: NPW/SCM

Acetochlor	Alachlor
Atrazine	Butylate
Chlorpyrifos	Cyanazine
EPTC	Metolachlor
Metribuzin	Pendimethalin
Prometon	Simazine
Terbufos	Trifluralin

Method: 8321B

Matrix Type: NPW/SCM

2,4,5-T	2,4,5-TP (Silvex)
2,4-D	2,4-DB
Aldicarb (Temik)	Carbofuran (Furaden)
Dalapon	Dicamba
Dinoseb	MCPA
MCPP	Oxamyl

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Buffalo Grove 2020 WM Downing* *Buffalo Grove IL 60089*
Project No:	*T19-796*
Report Type:	*Screen Report Plus*
Order No:	*20191101101*
Requested by:	*Bluff City Materials, Inc*
Date Completed:	*November 1, 2019*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Executive Summary

Property Information:

Project Property:		*Buffalo Grove 2020 WM* *Downing Buffalo Grove IL 60089*
Project No:		*T19-796*
Coordinates:		
	Latitude:	*42.1322827*
	Longitude:	*-87.9575585*
	UTM Northing:	*4,664,907.25*
	UTM Easting:	*420,861.36*
	UTM Zone:	*16T*
Elevation:		*681 FT*

Order Information:

Order No:	*20191101101*
Date Requested:	*November 1, 2019*
Requested by:	*Bluff City Materials, Inc*
Report Type:	*Screen Report Plus*

Historicals/Products:

ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*

Executive Summary: Report Summary

Database	Searched	Project Property	Within 0.250mi	Total
Standard Environmental Records				
Federal				
NPL	Y	0	0	0
PROPOSED NPL	Y	0	0	0
DELETED NPL	Y	0	0	0
SEMS	Y	0	0	0
SEMS ARCHIVE	Y	0	0	0
ODI	Y	0	0	0
CERCLIS	Y	0	0	0
IODI	Y	0	0	0
CERCLIS NFRAP	Y	0	0	0
CERCLIS LIENS	Y	0	0	0
RCRA CORRACTS	Y	0	0	0
RCRA TSD	Y	0	0	0
RCRA LQG	Y	0	0	0
RCRA SQG	Y	0	0	0
RCRA CESQG	Y	0	0	0
RCRA NON GEN	Y	0	0	0
FED ENG	Y	0	0	0
FED INST	Y	0	0	0
ERNS 1982 TO 1986	Y	0	0	0
ERNS 1987 TO 1989	Y	0	0	0
ERNS	Y	0	0	0
FED BROWNFIELDS	Y	0	0	0
FEMA UST	Y	0	0	0
REFN	Y	0	0	0
BULK TERMINAL	Y	0	0	0
SEMS LIEN	Y	0	0	0

Database	Searched	Project Property	Within 0.250mi	Total
SUPERFUND ROD	Y	0	0	0
State				
SSU	Y	0	0	0
DELISTED SSU	Y	0	0	0
SWF/LF	Y	0	0	0
SWF/LF SPECIAL	Y	0	0	0
NIPC	Y	0	0	0
CCDD	Y	0	0	0
LUST	Y	0	0	0
LUST DOCUMENT	Y	0	0	0
DELISTED LUST	Y	0	0	0
LUST TRUST	Y	0	0	0
UST	Y	0	0	0
AST	Y	0	0	0
DELISTED TANK	Y	0	0	0
ENG	Y	0	0	0
INST	Y	0	0	0
SRP	Y	0	0	0
BROWNFIELDS	Y	0	0	0
BROWN MBRGP	Y	0	0	0
Tribal				
INDIAN LUST	Y	0	0	0
INDIAN UST	Y	0	0	0
DELISTED ILST	Y	0	0	0
DELISTED IUST	Y	0	0	0
County				
TANKS CHICAGO	Y	0	0	0
PERMITS CHICAGO	Y	0	0	0
Additional Environmental Records				
Federal				
PFAS NPL	Y	0	0	0
FINDS/FRS	Y	0	1	1
TRIS	Y	0	0	0
PFAS TRI	Y	0	0	0
HMIRS	Y	0	0	0
NCDL	Y	0	0	0
TSCA	Y	0	0	0

Database	Searched	Project Property	Within 0.250mi	Total
HIST TSCA	Y	0	0	0
FTTS ADMIN	Y	0	0	0
FTTS INSP	Y	0	0	0
PRP	Y	0	0	0
SCRD DRYCLEANER	Y	0	0	0
ICIS	Y	0	0	0
FED DRYCLEANERS	Y	0	0	0
DELISTED FED DRY	Y	0	0	0
FUDS	Y	0	0	0
MLTS	Y	0	0	0
HIST MLTS	Y	0	0	0
MINES	Y	0	0	0
ALT FUELS	Y	0	0	0
SSTS	Y	0	0	0
PCB	Y	0	0	0
State				
PFAS	Y	0	0	0
SPILLS	Y	0	0	0
SPILLS2	Y	0	0	0
DRYCLEANERS	Y	0	0	0
TIER 2	Y	0	0	0
DELISTED DRYCLEANERS	Y	0	0	0
CDL	Y	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*	*1*	*1*

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number

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
1	FINDS/FRS	SANTRONICS LABORATORIES INC	223 PALMGRON CT BUFFALO GROVE IL 60089-4328	NNE	0.16 / 867.11	-3	13

Executive Summary: Summary by Data Source

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Apr 23, 2019 has found that there are 1 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
SANTRONICS LABORATORIES INC	223 PALMGRON CT BUFFALO GROVE IL 60089-4328	NNE	0.16 / 867.11	1

Map : 0.25 Mile Radius

Order Number: 20191101101

Address: Downing, IL

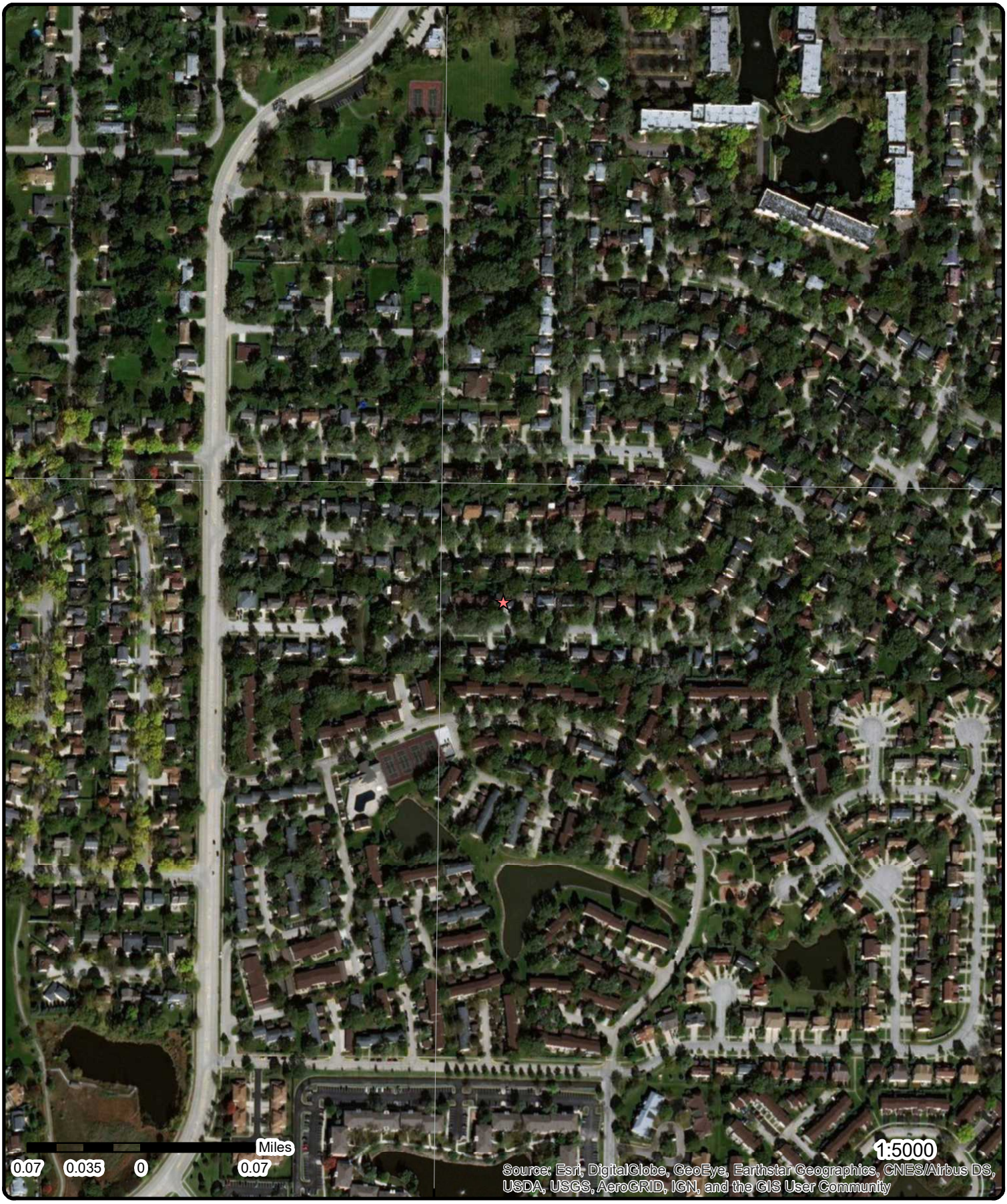
ENVIRONMENTAL RISK INFORMATION SERVICES

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		

Source: © 2016 ESRI

87°57'30"W

42°8'N



42°8'N

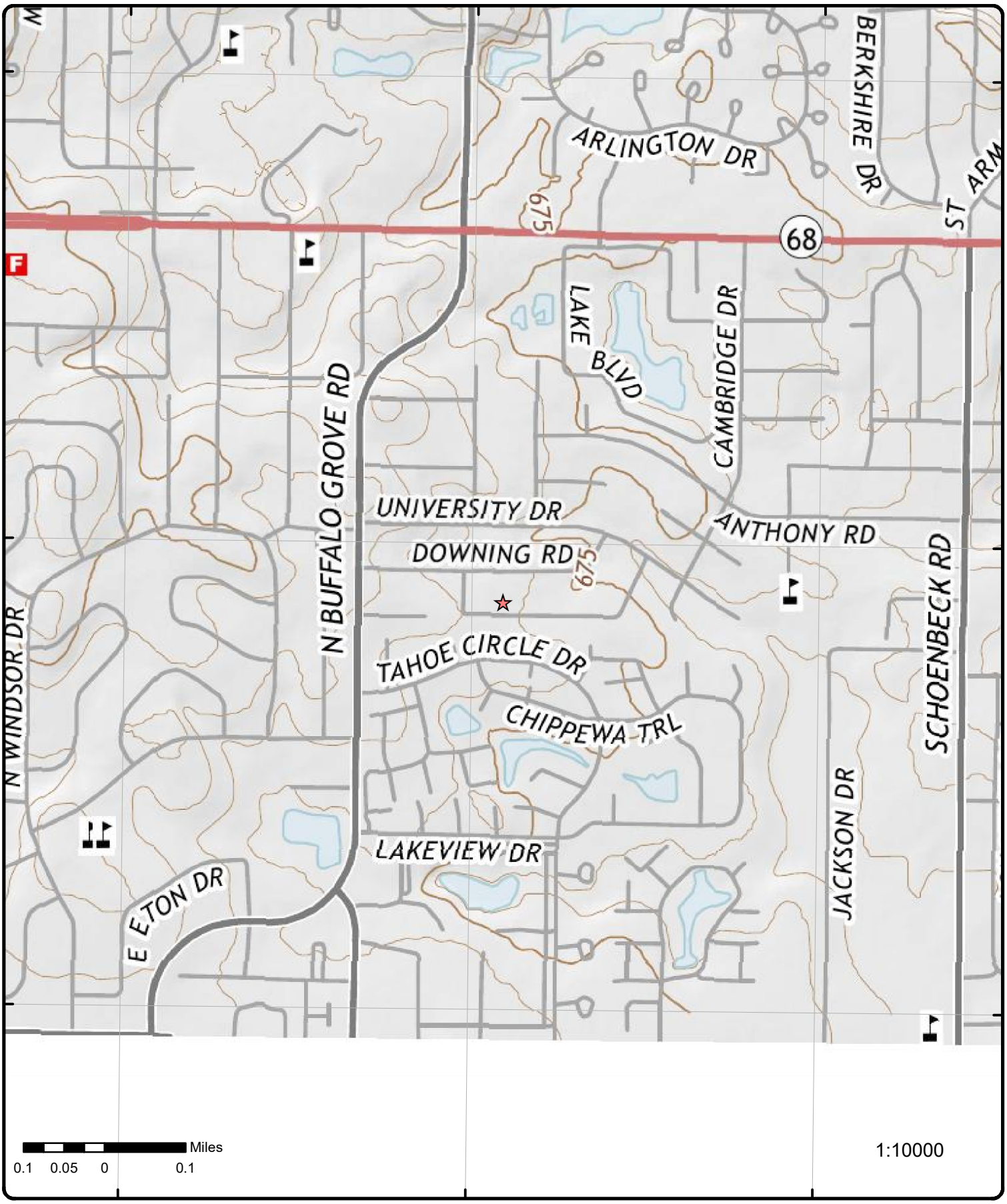
Aerial Year: 2017

Address: Downing, IL

Source: ESRI World Imagery

Order Number: 20191101101

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Year: 2015

Address: Downing, IL

Quadrangle(s): Wheeling,IL

Source: USGS Topographic Map

Order Number: 20191101101

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 1	NNE	0.16 / 867.11	678.05 / -3	SANTRONICS LABORATORIES INC 223 PALMGRON CT BUFFALO GROVE IL 60089-4328	FINDS/FRS

Registry ID:	110013760377
FIPS Code:	17097
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	07-MAR-2003 17:19:30
Update Date:	25-MAR-2003 10:07:44
Interest Types:	COMPLIANCE ACTIVITY
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	
Census Block Code:	
EPA Region Code:	05
County Name:	LAKE
US/Mexico Border Ind:	
Latitude:	42.13446
Longitude:	-87.95608
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110013760377
Program Acronyms:	

NCDB:C05#GM01FI416

Unplottable Summary

Total: 12 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
ERNS		MP: 23.08 SD: HARVARD	ARLINGTON HEIGHTS IL		858630727
ERNS		1573/1575 TAHOE CIRCLE	WHEELING IL		806699936
ERNS		645 WEST UNIVERSITY DRIVE	ARLINGTON HEIGHTS IL		807061426
FINDS/FRS	WILLIAM O ANDERSON	852 SETON COURT	WHEELING IL	60090-5703	817566653
FINDS/FRS	FREUND INTERNATIONAL	BUFFALO GROVE RD	BUFFALO GROVE IL	60089	817477513
FINDS/FRS	BRIDGE	W JEFFERY OVER BUFFALO CREEK	WHEELING IL	60090	825814971
FINDS/FRS	ROSEGLEN SUBDIVISION	BUFFALO GROVE RD	BUFFALO GROVE IL	60089	825510240
SPILLS2	MOBILE OIL	NEAR BUFFALO GROVE	BUFFALO GROVE IL		822438504
SPILLS2	MOBILE OIL	NEAR BUFFALO GROVE	BUFFALO GROVE IL		825138687
UST	True North Energy LLC	185 Milwaukee Avenue Buffalo Grove, IL 60089	IL		876206648
UST	Powernail Company, Inc.	301 East Half Day Road Buffalo Grove, IL 60089	IL		813446714
UST	Construction Site	20194 Buffalo Grove Road Buffalo Grove, IL 60089	IL		813460754

Unplottable Report

Site:

MP: 23.08 SD: HARVARD ARLINGTON HEIGHTS IL

ERNS

NRC Report No:	1138640	***Latitude Degrees:***	
Type of Incident:	RAILROAD NON-RELEASE	***Latitude Minutes:***	
Incident Cause:	OTHER	***Latitude Seconds:***	
Incident Date:	1/21/2016 2:33:00 PM	***Longitude Degrees:***	
Incident Location:	PASSENGER ROUTE	***Longitude Minutes:***	
Incident Dtg:	DISCOVERED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:	No	***Location Section:***	
Year:	Year 2016 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		

Description of Incident: THE CALLER IS REPORTING A COMMUTER TRAIN VERSUS PASSENGER VEHICLE (UNKNOWN TYPE) AT A GRADE CROSSING. THE CALLER STATED THAT THERE IS ONE REPORTED FATALITY TO THE OCCUPANT OF THE VEHICLE. CALLER STATED THAT CONFIRMATION OF THE FATALITY WAS AT 444 CDT/1644 LOCAL TIME.

Calls Information

Date Time Received:	1/21/2016 5:53:29 PM	***Responsible City:***	
Date Time Complete:	1/21/2016 6:00:16 PM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:		***Source:***	TELEPHONE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	U
NPDES:		***Airbag Deployed:***	U
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	HARVARD
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:		***Structure Oper:***	U
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:		***Passenger Handling:***	CALLER STATED IT IS UNKNOWN HOW THE PASSENGERS WILL BE HANDLED.

Type of Fuel:		***Passenger Route:***	YES
DOT Crossing No:	176927M	***Passenger Delay:***	YES
DOT Regulated:	U	***Sub Part C Test Req:***	UNK
Pipeline Type:		***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	
Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:	23.08	***Brakeman Test:***	
Grade Crossing:	Y	***Train Dispat Test:***	
Crossing Device Ty:	GATES	***Signalman Test:***	
Ty Vehicle Involved:	UNKNOWN	***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	RC20160010
Release Rate:		***State Agen on Scene:***	LOCAL RESPONDERS
Release Rate Unit:		***State Agen Notified:***	OEM
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	INVESTIGATION UNDERWAY.	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	UNKNOWN
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	N	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:	1	***Water Supp Contam:***	U
Any Fatalities:	Y	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	1
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	Y	***Sheen Size Length U:***	
Track Desc:	TRIPLE MAIN	***Sheen Size Width:***	
Track Closure Time:	2.5	***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:	ALL	***Dir of Sheen Travel:***	
Media Interest:	UNKNOWN	***Sheen Odor Desc:***	
Medium Desc:	RAIL REPORT (N/A)	***Duration Unit:***	
Addl Medium Info:	/GRADE CROSSING INCIDENT	***Additional Info:***	

Site:

1573/1575 TAHOE CIRCLE WHEELING IL

ERNS

NRC Report No:	700664	***Latitude Degrees:***	
Type of Incident:	PIPELINE	***Latitude Minutes:***	
Incident Cause:	UNKNOWN	***Latitude Seconds:***	
Incident Date:	9/24/2003 6:10:00 AM	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:		***Location Section:***	

Year:	Year 2003 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		
Description of Incident:	A HOUSE FIRE STARTED DUE TO UNKNOWN CAUSES. THE NATURAL GAS SERVICE LINE TO THE HOUSE CONTRIBUTED TO THE FIRE.		

Material Spill Information

Chris Code:	ONG	***Unit of Measure:***	UNKNOWN AMOUNT
CAS No:	000000-00-0	***If Reached Water:***	NO
UN No:		***Amount in Water:***	
Name of Material:	NATURAL GAS	***Unit Reach Water:***	
Amount of Material:	0		

Calls Information

Date Time Received:	9/24/2003 5:27:50 PM	***Responsible City:***	NAPERVILLE
Date Time Complete:	9/24/2003 5:33:08 PM	***Responsible State:***	IL
Call Type:	INC	***Responsible Zip:***	60507
Resp Company:	NICOR GAS	***Source:***	TELEPHONE
Resp Org Type:	PUBLIC UTILITY		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:		***Structure Oper:***	U
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:		***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:	SERVICE	***Conductor Test:***	
Pipeline Abv Ground:	BELOW	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	
Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:		***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:		***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	Y	***State Agen Report No:***	NO REPORT #
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	IL. COMMERCE COMMISION
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	THE SERVICE LINE WAS DISCONNECTED.	***Body of Water:***	
Fire Involved:	Y	***Tributary of:***	
Fire Extinguished:	Y	***Near River Mile Make:***	
Any Evacuations:	Y	***Near River Mile Mark:***	
No Evacuated:	1	***Offshore:***	N
Who Evacuated:	PRIVATE CITIZENS	***Weather Conditions:***	UNKNOWN
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	N	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	N	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	N
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:	NONE	***Sheen Odor Desc:***	
Medium Desc:	AIR	***Duration Unit:***	
Addl Medium Info:	ATMOSPHERE	***Additional Info:***	CALLER HAD NO ADDITIONAL INFORMATION.

Site:

645 WEST UNIVERSITY DRIVE ARLINGTON HEIGHTS IL ERNS

NRC Report No:	507233	***Latitude Degrees:***	
Type of Incident:	FIXED	***Latitude Minutes:***	
Incident Cause:	DUMPING	***Latitude Seconds:***	
Incident Date:	11/23/1999 12:00:00 PM	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	DISCOVERED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:		***Location Section:***	
Year:	Year 1999 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		

Description of Incident: THE CALLER STATES THAT THE COMPANY DUMPS THEIR WASTE MATERIALS DOWN THEDRAIN

Material Spill Information

Chris Code:	UNK	***Unit of Measure:***	UNKNOWN AMOUNT
CAS No:		***If Reached Water:***	YES
UN No:		***Amount in Water:***	0
Name of Material:	MISC. PRINTING WASTE MATERIALS	***Unit Reach Water:***	UNKNOWN AMOUNT
Amount of Material:	0		

Calls Information

Date Time Received:	11/30/1999 11:16:09 AM	***Responsible City:***	ARLINGTON HEIGHTS
Date Time Complete:	11/30/1999 11:19:33 AM	***Responsible State:***	IL
Call Type:	INC	***Responsible Zip:***	
Resp Company:	TPM GRAPHICS	***Source:***	UNAVAILABLE
Resp Org Type:	PRIVATE ENTERPRISE		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:	UNKNOWN	***Structure Oper:***	Y
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:	UNKNOWN	***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:	UNKNOWN	***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	U	***Yard Foreman Test:***	
Railroad Hotline:	No	***RCL Operator Test:***	
Railroad Milepost:	UNKNOWN	***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:	UNKNOWN	***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	NONE	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	U	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U

Any Fatalities:	U	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	N
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:		***Sheen Odor Desc:***	
Medium Desc:	WATER	***Duration Unit:***	
Addl Medium Info:	DRAIN	***Additional Info:***	THE CALLER HAD NO OTHER INFORMATION

Site: ***WILLIAM O ANDERSON***
852 SETON COURT WHEELING IL 60090-5703

FINDS/FRS

Registry ID:	110009372552
FIPS Code:	17031
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	01-MAR-2000 00:00:00
Update Date:	09-JAN-2015 18:57:45
Interest Types:	AIR MINOR, CESQG, HAZARDOUS WASTE BIENNIAL REPORTER, STATE MASTER
SIC Codes:	9999
SIC Code Descriptions:	NONCLASSIFIABLE ESTABLISHMENTS
NAICS Codes:	332212, 339999
NAICS Code Descriptions:	ALL OTHER MISCELLANEOUS MANUFACTURING., HAND AND EDGE TOOL MANUFACTURING.
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	
Census Block Code:	
EPA Region Code:	05
County Name:	COOK
US/Mexico Border Ind:	
Latitude:	42.12621
Longitude:	-87.93063
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110009372552
Program Acronyms:	

ACES:170000036002, ACES:170000391314, AIR:IL000031324ACL, AIRS/AFS:1703103934, BR:ILD131213662, RCRAINFO:ILD131213662

Site: ***FREUND INTERNATIONAL***
BUFFALO GROVE RD BUFFALO GROVE IL 60089

FINDS/FRS

Registry ID:	110018471679

FIPS Code: 17031
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 19-OCT-2004 19:54:53
Update Date: 29-DEC-2014 13:25:17
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110018471679
Program Acronyms:

ACES:170000485972

Site: ***BRIDGE***
W JEFFERY OVER BUFFALO CREEK WHEELING IL 60090

FINDS/FRS

Registry ID: 110060382241
FIPS Code: 17031
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 16-SEP-2014 08:06:51
Update Date:
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110060382241

Program Acronyms:

ACES:170002052631

Site: ***ROSEGLEN SUBDIVISION***
BUFFALO GROVE RD BUFFALO GROVE IL 60089

FINDS/FRS

Registry ID: 110061094890
FIPS Code: 17097
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 16-OCT-2014 09:19:31
Update Date:
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 05
County Name: LAKE
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110061094890
Program Acronyms:

ACES:170002058270

Site: ***MOBILE OIL***
NEAR BUFFALO GROVE BUFFALO GROVE IL

SPILLS2

Incident ID: NL850868
Received Date: 7/12/1985
Action:
Action Descrlption:
Occured Date:
Incident LUST:
Incident County: COOK

Site: ***MOBILE OIL***
NEAR BUFFALO GROVE BUFFALO GROVE IL

SPILLS2

Incident ID: NL850868
Received Date: 8/7/1985
Action:
Action Descrlption:
Occured Date:
Incident LUST:
Incident County: COOK

Site: ***True North Energy LLC***
185 Milwaukee Avenue Buffalo Grove, IL 60089 IL

UST

Facility No:	2046886	***Green Tag Exp Dt:***	
Facility Status:	Not Installed	***Mtr Fuel Perm Insp Dt:***	
Facility Type:	Self-Service Station	***Mtr Fuel Perm Exp Dt:***	
Motor Fuel Type:		***Fin Resp Rpt Due:***	
Green Tag Decal:		***County:***	Lake
Green Tag Issue Dt:			
Purchase Date:			
Type Financial Resp:			
Property Parcel:			
Owner Type:	Private		
Owner Status:	Current Owner		
Owner Name:	True North Energy, LLC		
Owner Address:	10346 Brecksville Road Brecksville, OH 44141		
Facility URL:	http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2046886&PrintDetail=true		
Permit History Link:	https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2046886		

Tank Information

Tank No:	2	***Current Age:***	
Status:	Not Installed	***Product:***	Gasoline - Premium
Removed Date:		***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:		***Fee Due:***	$0.00
Capacity:	6000	***OSFM First Noti Dt:***	
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	3	***Current Age:***	
Status:	Not Installed	***Product:***	Diesel Fuel
Removed Date:		***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:		***Fee Due:***	$0.00
Capacity:	9000	***OSFM First Noti Dt:***	
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	1	***Current Age:***	
Status:	Not Installed	***Product:***	Gasoline - Regular
Removed Date:		***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:		***Fee Due:***	$0.00
Capacity:	15000	***OSFM First Noti Dt:***	
Regulated Status:	Federal	***CAS Code:***	

Owner Summary

Owner No:	U0035735	***Owner Status:***	Current Owner
Owner Name:	True North Energy, LLC	***Purchase Date:***	

Site: ***Powernail Company, Inc.***
301 East Half Day Road Buffalo Grove, IL 60089 IL

UST

Facility No:	2006509	***Green Tag Exp Dt:***	
Facility Status:	Closed	***Mtr Fuel Perm Insp Dt:***	
Facility Type:	Industrial / Manufacturing	***Mtr Fuel Perm Exp Dt:***	
Motor Fuel Type:		***Fin Resp Rpt Due:***	
Green Tag Decal:		***County:***	Lake

Green Tag Issue Dt:
Purchase Date: 1/1/1954
Type Financial Resp: Other (add note)
Property Parcel:
Owner Type: Private
Owner Status: Current Owner
Owner Name: Powernail Company, Inc
Owner Address: P. O. Box 300
Lincolnshire, IL 60069
Facility URL: http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2006509&PrintDetail=true
Permit History Link: https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2006509

Tank Information

Tank No: 1
Status: Removed
Removed Date: 1/18/1996
Red Tag Issue Date:
Abandoned Date:
Install Date:
Last Used Date:
Capacity: 1500
Regulated Status: Federal
Current Age: 14
Product: Diesel Fuel
Product Date:
Petroleum Use:
CERCLA Substance:
Abandoned Material:
Fee Due: $0.00
OSFM First Noti Dt: 3/27/1986
CAS Code:

Tank Information

Tank No: 2
Status: Removed
Removed Date: 1/18/1996
Red Tag Issue Date:
Abandoned Date:
Install Date:
Last Used Date:
Capacity: 1500
Regulated Status: Federal
Current Age: 14
Product: Gasoline
Product Date:
Petroleum Use:
CERCLA Substance:
Abandoned Material:
Fee Due: $0.00
OSFM First Noti Dt: 3/27/1986
CAS Code:

Tank Information

Tank No: 4
Status: Removed
Removed Date: 10/8/2003
Red Tag Issue Date:
Abandoned Date:
Install Date: 1/1/1959
Last Used Date:
Capacity: 10000
Regulated Status: State
Current Age: 44
Product: Heating Oil
Product Date:
Petroleum Use: Consumptive Use on Premises
CERCLA Substance:
Abandoned Material:
Fee Due: $0.00
OSFM First Noti Dt: 6/23/1992
CAS Code:

Tank Information

Tank No: 3
Status: Removed
Removed Date: 1/18/1996
Red Tag Issue Date:
Abandoned Date:
Install Date:
Last Used Date:
Capacity: 2000
Regulated Status: Federal
Current Age: 14
Product: Gasoline
Product Date:
Petroleum Use:
CERCLA Substance:
Abandoned Material:
Fee Due: $0.00
OSFM First Noti Dt: 3/27/1986
CAS Code:

Owner Summary

Owner No: U0012090
Owner Name: Powernail Company, Inc
Owner Status: Current Owner
Purchase Date: 1/1/1954

Site: ***Construction Site***
20194 Buffalo Grove Road Buffalo Grove, IL 60089 IL

UST

Facility No:	2042552	***Green Tag Exp Dt:***	
Facility Status:	Exempt	***Mtr Fuel Perm Insp Dt:***	
Facility Type:	None	***Mtr Fuel Perm Exp Dt:***	
Motor Fuel Type:		***Fin Resp Rpt Due:***	
Green Tag Decal:		***County:***	Lake
Green Tag Issue Dt:			
Purchase Date:			
Type Financial Resp:			
Property Parcel:			
Owner Type:			
Owner Status:	Current Owner		
Owner Name:	Buffalo Grove Bank & Trust		
Owner Address:			
Facility URL:	http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2042552&PrintDetail=true		
Permit History Link:	https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2042552		

Tank Information

Tank No:	1	***Current Age:***	
Status:	Removed	***Product:***	Heating Oil
Removed Date:	12/6/2004	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	Consumptive Use on Premises
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:	12/31/1973	***Fee Due:***	
Capacity:	550	***OSFM First Noti Dt:***	12/21/2004
Regulated Status:	Exempt	***CAS Code:***	

Owner Summary

Owner No:	U0032398	***Owner Status:***	Current Owner
Owner Name:	Buffalo Grove Bank & Trust	***Purchase Date:***	

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: Aug 20, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: 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: Aug 26, 2019

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: Aug 26, 2019

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: Aug 26, 2019

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: Aug 26, 2019

RCRA Conditionally Exempt and Very 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. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Conditionally Exempt and Very Small Quantity Generators (VSQG and CESQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG and CESQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Aug 26, 2019

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: Aug 26, 2019

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: Jun 11, 2019

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: Jun 11, 2019

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: Mar 21, 2019

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: Sep 3, 2019

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

Petroleum Refineries: REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Jul 17, 2018

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jan 18, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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 Northeastern Illinois: NIPC

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: Apr 30, 2018

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 17, 2019

Leaking UST Document: LUST DOCUMENT

A list of sites from the Illinois Environmental Protection Agency (IEPA) Document Explorer at which one or more of the documents is in the Leaking Underground Storage Tank (LUST) category. The IEPA Document Explorer provides online access to numerous Illinois EPA public records which are maintained in a digital format.

Government Publication Date: Jun 10, 2019

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 17, 2019

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, 2019

Aboveground Storage Tanks (AST): AST

A list of aboveground storage tanks inspected by the Office of State Fire Marshal (OSFM).

Government Publication Date: Jun 30, 2019

Delisted Storage Tanks: DELISTED TANK

This database contains a list of closed storage tank sites that were removed from the illinois Department of Enivornmental Quality.

Government Publication Date: Sep 18, 2019

Sites with Engineering Controls: ENG

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remedition Program (SRP) database with engineering controls in place.

Government Publication Date: Sep 11, 2019

Institutional Controls: INST

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remedition Program (SRP) database with institutional controls in place.

Government Publication Date: Sep 11, 2019

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: Sep 11, 2019

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: Sep 12, 2019

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: Sep 18, 2019

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: Sep 12, 2019

Additional Environmental Record Sources

Federal

PFOA/PFOS Contaminated Sites: PFAS NPL

List of sites where PFOA or PFOS contaminants have been found in drinking water or soil. Made available by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Nov 15, 2018

Facility Registry Service/Facility Index: FINDS/FRS

The US Environmental Protection Agency (EPA)'s Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, data collected from EPA's Central Data Exchange registrations and data management personnel.

Government Publication Date: Apr 23, 2019

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Dec 31, 2017

Perfluorinated Alkyl Substances (PFAS) Releases: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Dec 31, 2017

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Jan 8, 2019

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: Sep 26, 2019

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

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Aug 20, 2019

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

Integrated Compliance Information System (ICIS): ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Nov 18, 2016

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: May 29, 2018

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: May 29, 2018

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: Oct 23, 2018

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: Nov 1, 2018

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: May 3, 2019

Alternative Fueling Stations: ALT FUELS

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Oct 1, 2019

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: May 31, 2019

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: Mar 20, 2019

State

Per- and Polyfluoroalkyl Substances (PFAS): PFAS

A list of reports taken by the Illinois Emergency Management Agency (IEMA) of incidents involving hazardous materials, where the hazardous material involved in the incident is in the PFAS Master List of PFAS Substances made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Sep 12, 2019

Spills and Incidents: SPILLS

A list of reports taken by Illinois Emergency Management Agency (IEMA) of Hazardous Material spills in Illinois.

Government Publication Date: Sep 12, 2019

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: Sep 12, 2019

Dry Cleaning Facilities: DRYCLEANERS

A list of licensed drycleaners facilities provided by Drycleaner Environmental Response Trust Fund of Illinois.

Government Publication Date: Aug 18, 2019

Tier 2 Report: TIER 2

List of facilities who submit Tier II forms to the Illinois Emergency Management Agency (IEMA).

Government Publication Date: Sep 16, 2019

Delisted Drycleaners: DELISTED DRYCLEANERS

List of sites removed from the drycleaners database made available by the Drycleaner Environmental Response Trust Fund of Illinois.

Government Publication Date: Aug 18, 2019

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: Sep 14, 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.

Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

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 LPC-663

Revised in accordance with 35 Ill. Adm. Code 1100, as amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by professional engineers and professional geologists to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B), that soil (i) is uncontaminated soil and (ii) is within a pH range of 6.26 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris (CCDD) fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: 2020 Water Main Improvements Office Phone Number, if available: _____

Physical Site Location (address, including number and street):

Saxon Place and Charles Court - See attached figures

City: Buffalo Grove State: IL Zip Code: 60089

County: Cook Township: Wheeling

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 42.13792 (Decimal Degrees) Longitude: - 87.953 (-Decimal Degrees)

Identify how the lat/long data were determined:

○ GPS ⊘ Map Interpolation ○ Photo Interpolation ○ Survey ○ Other

IEPA Site Number(s), if assigned: BOL: _____ BOW: _____ BOA: _____

Approximate Start Date (mm/dd/yyyy): _____ Approximate End Date (mm/dd/yyyy): _____

Estimated Volume of debris (cu. Yd.): _____

II. Owner/Operator Information for Source Site

Site Owner

Name: Village of Buffalo Grove

Street Address: 50 Raupp Blvd

PO Box: _____

City: Buffalo Grove State: IL

Zip Code: 60089 Phone: 847-459-5539

Contact: _____

Email, if available: _____

Site Operator

Name: _____

Street Address: _____

PO Box: _____

City: _____ State: _____

Zip Code: _____ Phone: _____

Contact: _____

Email, if available: _____

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed $50,000 for the violation and an additional civil penalty of not to exceed $10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.

Project Name: 2020 Water Main Improvements Latitude: 42.13792 Longitude: - 87.95300

Uncontaminated Soil Certification

III. Basis for Certification and Attachments

For each item listed below, reference the attachments to this form that provide the required information.

a. A Description of the soil sample points and how they were determined to be sufficient in number and appropriately located 35 Ill. Adm. Code 1100.610(a)]:

A limited historical & regulatory review was performed to identify PIPs. Site reconnaissance was performed while sampling to evaluate on-site environmental conditions & potential PIPs. Based on the nature & scope of the project, 6 soil samples were collected for indicator contaminants associated with identified PIPs, and screened with a PID. Figure 2 shows sample locations.

b. Analytical soil testing results to show that soil chemical constituents comply with the maximum allowable concentrations established pursuant to 35 Ill. Adm. Code Part 1100, Subpart F and that the soil pH is within the range of 6.25 to 9.0,including the documentation of chain of custody control, a copy of the lab analysis; the accreditation status of the laboratory performing the analysis; and certification by an authorized agent of the laboratory that the analysis has been performed in accordance with the Agency's rules for the accreditation of environmental and the scope of the accreditation [35 Ill. Adm. Code 1100.201 (g), 1100.205(a), 1100.610]:

See attached analytical summary tables, laboratory reports and associated NELAC certification. Figure 2 identifies the project area that is covered by this certification.

IV. Certification Statement, Signature and Seal of Licensed Professional Engineer or Licensed Professional Geologist

I, Ryan M. LaDieu, P.E. (name of licensed professional engineer or geologist) certify under penalty of law that the information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete. In accordance with the Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I certify that the soil from this site is uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. In addition, I certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. All necessary documentation is attached.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Company Name:	True North Consultants
Street Address:	1000 E Warrenville Road, Suite 140
City:	Naperville State: IL Zip Code: 60563
Phone:	630.717.2880

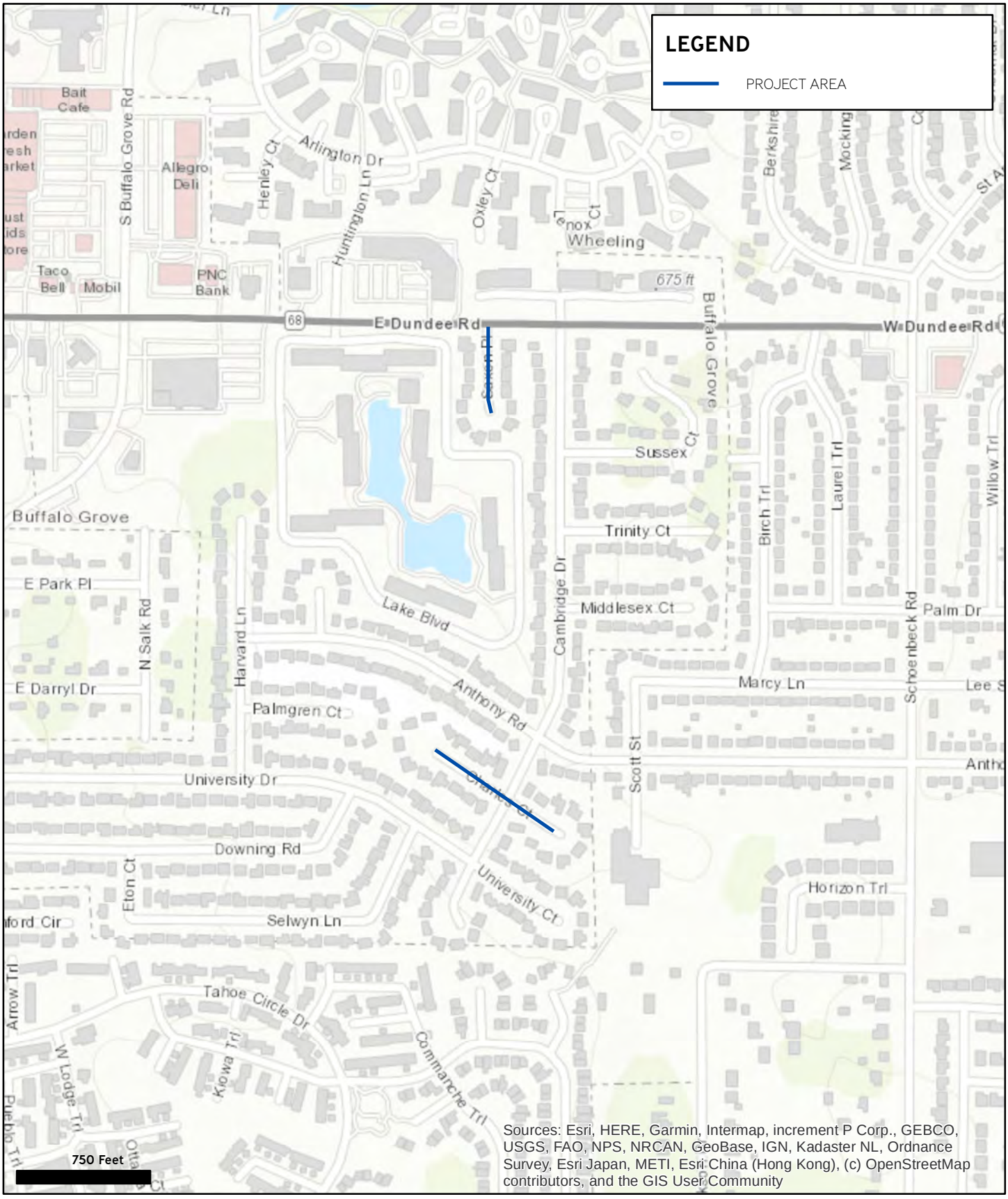
Ryan M. LaDieu
Printed Name:

Licensed Professional Engineer or
Licensed Professional Geologist Signature:

Jan 28, 2020
Date:

P.E or L.P.G. Seal:

LICENSED PROFESSIONAL ENGINEER
RYAN M. LaDIEU
062-053687
STATE OF ILLINOIS



TRUENORTH CONSULTANTS
1000 EAST WARRENVILLE ROAD
NAPERVILLE, ILLINOIS 60563
ENVIRONMENT : DEVELOPMENT : INFRASTRUCTURE

SITE	2020 WATERMAIN PROJECTS SAXON PLACE AND CHARLES COURT BUFFALO GROVE, ILLINOIS
CLIENT	SOIL AND MATERIAL CONSULTANTS, INC. 8 WEST COLLEGE DRIVE, SUITE C ARLINGTON HEIGHTS, ILLINOIS

PROJECT	TI20025
DATE	1/28/2020
SCALE	1 inch=750 feet

FIGURE 1

TRUE NORTH CONSULTANTS
1000 EAST WARRENVILLE ROAD
NAPERVILLE, ILLINOIS 60563
ENVIRONMENT : DEVELOPMENT : INFRASTRUCTURE

SITE	2020 WATERMAIN PROJECTS SAXON PLACE AND CHARLES COURT BUFFALO GROVE, ILLINOIS
CLIENT	SOIL AND MATERIAL CONSULTANTS, INC. 8 WEST COLLEGE DRIVE, SUITE C ARLINGTON HEIGHTS, ILLINOIS

PROJECT	TI20025
DATE	1/28/2020
SCALE	1 inch=50 feet

FIGURE 2B

TRUENORTH CONSULTANTS
1000 EAST WARRENVILLE ROAD
NAPERVILLE, ILLINOIS 60563
ENVIRONMENT : DEVELOPMENT : INFRASTRUCTURE

SITE	2020 WATERMAIN PROJECTS SAXON PLACE AND CHARLES COURT BUFFALO GROVE, ILLINOIS
CLIENT	SOIL AND MATERIAL CONSULTANTS, INC. 8 WEST COLLEGE DRIVE, SUITE C ARLINGTON HEIGHTS, ILLINOIS

PROJECT	TI20025
DATE	1/28/2020
SCALE	1 inch=300 feet

FIGURE 2B

TABLE I

Summary of Soil Analytical Results - Soil Characterization Sampling

Polynuclear Aromatic Hydrocarbons (PNAs)

CLIENT: Village of Buffalo Grove
SITE: Saxon Pl and Charles Ct; Buffalo Grove, IL
PROJECT NUMBER: TI20025

SAMPLE DATE: Various Dates
LABORATORY: PDC Laboratories, Inc.
MATRIX: Soil

Analytical Method: EPA Method 8270

Contaminant of Concern	Maximum Allowable Concentration (MAC) within a Metropolitan Statistical Area (MSA)		Sample ID	BUF-4	BUF-5	BUF-6	BUF-6-5N	BUF-6-10S	BUF-7		
			Sample Date	12/6/2019	12/6/2019	12/6/2019	1/17/2020	1/17/2020	12/6/2019		
			Depth	5-7.5'	1-2.5'	1-2.5'	1-2.5'	1-2.5'	1-2.5'		
	Value	Objective	Soil Type	Silty Clay	Silty Clay	Silty Clay	Silty Clay	Silty Clay	Silty Clay		
Acenaphthene	**570**	**MAC**		NA	< 0.370	< 0.347	NA	NA	NA		
Anthracene	**12000**	**MAC**		NA	< 0.370	< 0.347	NA	NA	NA		
Benzo(a)anthracene	**1.8**	**MAC**		NA	< 0.370	< 0.347	NA	NA	NA		
Benzo(b)fluoranthene	**2.1**	**MAC**		NA	< 0.370	< 0.347	NA	NA	NA		
Benzo(k)fluoranthene	**9.0**	**MAC**		NA	< 0.370	< 0.347	NA	NA	NA		
Benzo(a)pyrene	**2.1**	**MAC**		NA	< 0.0739	< 0.0694	NA	NA	NA		
Chrysene	**88**	**MAC**		NA	< 0.370	< 0.347	NA	NA	NA		
Dibenz(a,h)anthracene	**0.42**	**MAC**		NA	< 0.0739	< 0.0694	NA	NA	NA		
Fluoranthene	**3100**	**MAC**		NA	< 0.370	< 0.347	NA	NA	NA		
Fluorene	**560**	**MAC**		NA	< 0.370	< 0.347	NA	NA	NA		
Indeno(1,2,3-cd)pyrene	**1.6**	**MAC**		NA	< 0.370	< 0.347	NA	NA	NA		
Naphthalene	**1.8**	**MAC**		NA	< 0.370	< 0.347	NA	NA	NA		
Pyrene	**2300**	**MAC**		NA	< 0.370	< 0.347	NA	NA	NA		

Notes:

Constituents that are not identifed in 35 IAC 1100 Subpart F (MAC Table) are compared to the Metropolitan Statistical Area Background Concentration found in 35 IAC 742 Appendix A, Table H

< = Analyte not detected (i.e. less than RL or MDL)

All data reported in milligrams per kilogram (mg/kg) unless otherwise noted.

NA = This constituent was not analyzed.

NE = No remediation objective established by the IEPA for this constituent.

Bold identifies an exceedence of the referenced objective.

TRUENORTH CONSULTANTS

TABLE 2

Summary of Soil Analytical Results - Soil Characterization Sampling

Resource Conservation Recovery Act (RCRA) Metals

CLIENT: Village of Buffalo Grove
SITE: Saxon Pl and Charles Ct; Buffalo Grove, IL
PROJECT NUMBER: TII9875

SAMPLE DATE: Various Dates
LABORATORY: PDC Laboratories, Inc.
MATRIX: Soil

Analytical Method: EPA Method 6010/6020

Contaminant of Concern	Maximum Allowable Concentration (MAC) within a Metropolitan Statistical Area (MSA)		Sample ID	BUF-4	BUF-5	BUF-6	BUF-6-5N	BUF-6-10S	BUF-7		
			Sample Date	12/6/2019	12/6/2019	12/6/2019	1/17/2020	1/17/2020	12/6/2019		
			pH	8.00	8.02	8.66	-	-	-		
			6.25 ≤ pH ≤ 9.0	Yes	Yes	Yes	-	-	-		
			Depth	5-7.5'	1-2.5'	1-2.5'	1-2.5'	1-2.5'	1-2.5'		
	Value	Objective	Soil Type	Silty Clay	Silty Clay	Silty Clay	Silty Clay	Silty Clay	Silty Clay		
Arsenic	**13**	**MAC**		NA	6.9	**20**	11	4.9	5.5		
Barium	**1,500**	**MAC**		NA	87	37	NA	NA	NA		
Cadmium	**5.2**	**MAC**		NA	< 1.2	< 1.2	NA	NA	NA		
Chromium	**21**	**MAC**		NA	19	16	NA	NA	NA		
Lead	**107**	**MAC**		NA	15	26	NA	NA	NA		
Mercury	**0.89**	**MAC**		NA	< 0.25	< 0.24	NA	NA	NA		
Selenium	**1.3**	**MAC**		NA	0.60	0.80	NA	NA	NA		
Silver	**4.4**	**MAC**		NA	< 2.5	< 2.4	NA	NA	NA		

Notes:
Constituents that are not identified in 35 IAC 1100 Subpart F (MAC Table) are compared to the Metropolitan Statistical Area Background Concentration found in 35 IAC 742 Appendix A, Table H
< = Analyte not detected (i.e. less than RL or MDL)
All data reported in milligrams per kilogram (mg/kg) unless otherwise noted.
NA = This constituent was not analyzed.
NE = No remediation objective established by the IEPA for this constituent.
Bold identifies an exceedence of the referenced objective.

TRUE NORTH CONSULTANTS

PDC Laboratories, Inc.

Tuesday, December 10, 2019

Marjory Bredrup

True North Consultants
1000 East Warrenville Rd. #140
Naperville, IL 60563

TEL: (630) 717-2880

FAX:

RE: Buffalo Grove 2020 Water Main Imp: BG, IL PDC WO: 9121478

PDC Laboratories, Inc. received 1 sample(s) on 12/6/2019 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

Michael Austin
Project Manager

Certifications: NELAP/NELAC - IL #100323

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121478
Client Sample ID: BUF-4 **Lab ID:** 9121478-01
Collection Date: 12/6/19 9:08 **Matrix:** Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
General Chemistry									
pH	**8.00**	0.0100		pH Units	1	12/9/19 16:31	12/9/19 17:19	SW 9045	JMH

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121478

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B928514 - 06-SW 9045C pH										
Duplicate (B928514-DUP1)		**Source: 9121498-01**		Prepared & Analyzed: 12/09/19 1						
pH	7.81	0.0100	pH Units		7.82			0.2	5	

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121478

Notes and Definitions

*	NELAC certified compound.
U	Analyte not detected (i.e. less than RL or MDL).

Chain of Custody Record

Phone: (847) 651-2604
FAX: (847) 458-9680

9121478

Client	True North Consultants
Address	1000 East Warrenville Road, Suite 140
City, State, Zip Code	Naperville, Illinois 60563
Phone / Facsimile	630.717.2880/630.689.5881
Project Name / Number	Buffalo Gove 2020 Water Main Improvements
Project Location	Buffalo Grove, IL
P.O. # or Invoice To	T119875
Contact Person	M. Bredrup, J. Reed, M. Kupczyk, M. Jawad, G. Klepitsch

Reporting: CCDD ■ MAC ☐ | CALM ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F | RISC ☐ Resid ☐ Indust

Sample Description	Sampling Date	Sampling Time	Matrix Code	Preserv Code	No. of Containers	Sample Type Comp	Sample Type Grab	Analysis and/or Method Requested: pH	Sampler Comments
BUF-4	12/6/2019	908	S	0	1		X	X	

Matrix Code	A - Aqueous	DW - Drinking Water	GW - Ground Water	NA - Non-Aqueous Liquid	S - Solid	O - Oil	X - Other (Specify)
Preserv Code	0 - None	1 - HCl	2 - H2SO4	3 - HNO3	4 - NaOH	5 - 5035 Kit	X - Other (Specify)

Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment
	12/6/19	1520		12/6/19	1520	
	12/6/19	1700		12/7/19	1105	

Special Instructions:

Turnaround Time: Standard ☐ Rush ☐
Date Required:

QC Level: 1 ☐ 2 ■ 3 ☐ 4 ☐

On wet ice? Yes No

Temperature (°C): 5.8

PAS COC Rev. 3

Page 1 of 1

Copies: White - Client / Yellow - PAS, Inc. / Pink - Sampler

PDC Laboratories, Inc.

Friday, December 13, 2019

Marjory Bredrup

True North Consultants
1000 East Warrenville Rd. #140
Naperville, IL 60563

TEL: (630) 717-2880

FAX:

RE: Buffalo Grove 2020 Water Main Imp: BG, IL PDC WO: 9121466

PDC Laboratories, Inc. received 2 sample(s) on 12/6/2019 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

Michael Austin
Project Manager

Certifications: NELAP/NELAC - IL #100323

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121466
Client Sample ID: BUF-5 **Lab ID:** 9121466-01
Collection Date: 12/6/19 9:40 **Matrix:** Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
General Chemistry									
pH	**8.02**	0.0100		pH Units	1	12/10/19 14:40	12/11/19 8:17	SW 9045	CLH
Solids - total solids (TS)	**81**	0.050		%	1	12/10/19 18:02	12/11/19 8:13	SM 2540G	CLH
Total Metals									
***Arsenic**	**6.9**	1.2		mg/kg dry	10	12/11/19 7:32	12/12/19 19:12	SW 6020	JMW
***Barium**	**87**	1.2		mg/kg dry	10	12/11/19 7:32	12/12/19 19:12	SW 6020	JMW
*Cadmium	U	1.2		mg/kg dry	10	12/11/19 7:32	12/12/19 19:12	SW 6020	JMW
***Chromium**	**19**	4.9		mg/kg dry	10	12/11/19 7:32	12/12/19 19:12	SW 6020	JMW
***Lead**	**15**	1.2		mg/kg dry	10	12/11/19 7:32	12/12/19 19:12	SW 6020	JMW
*Mercury	U	0.25		mg/kg dry	10	12/11/19 7:32	12/13/19 11:50	SW 6020	JMW
***Selenium**	**0.60**	0.25		mg/kg dry	10	12/11/19 7:32	12/12/19 19:12	SW 6020	JMW
*Silver	U	2.5		mg/kg dry	10	12/11/19 7:32	12/12/19 19:12	SW 6020	JMW
Semivolatile Organics - PNA									
*Acenaphthene	U	0.370		mg/kg dry	1	12/11/19 15:50	12/12/19 16:43	SW 8270C	JKA
*Anthracene	U	0.370		mg/kg dry	1	12/11/19 15:50	12/12/19 16:43	SW 8270C	JKA
*Benzo(a)anthracene	U	0.370		mg/kg dry	1	12/11/19 15:50	12/12/19 16:43	SW 8270C	JKA
*Benzo(b)fluoranthene	U	0.370		mg/kg dry	1	12/11/19 15:50	12/12/19 16:43	SW 8270C	JKA
*Benzo(k)fluoranthene	U	0.370		mg/kg dry	1	12/11/19 15:50	12/12/19 16:43	SW 8270C	JKA
*Benzo(a)pyrene	U	0.0739		mg/kg dry	1	12/11/19 15:50	12/12/19 16:43	SW 8270C	JKA
*Chrysene	U	0.370		mg/kg dry	1	12/11/19 15:50	12/12/19 16:43	SW 8270C	JKA
*Dibenzo(a,h)anthracene	U	0.0739		mg/kg dry	1	12/11/19 15:50	12/12/19 16:43	SW 8270C	JKA
*Fluoranthene	U	0.370		mg/kg dry	1	12/11/19 15:50	12/12/19 16:43	SW 8270C	JKA
*Fluorene	U	0.370		mg/kg dry	1	12/11/19 15:50	12/12/19 16:43	SW 8270C	JKA
*Indeno(1,2,3-cd)pyrene	U	0.370		mg/kg dry	1	12/11/19 15:50	12/12/19 16:43	SW 8270C	JKA
*Naphthalene	U	0.370		mg/kg dry	1	12/11/19 15:50	12/12/19 16:43	SW 8270C	JKA
*Pyrene	U	0.370		mg/kg dry	1	12/11/19 15:50	12/12/19 16:43	SW 8270C	JKA
Surrogate: 2-Fluorobiphenyl		*83 %*		*38-122*		12/11/19 15:50	12/12/19 16:43	SW 8270C	JKA
Surrogate: Nitrobenzene-d5		*72 %*		*45-136*		12/11/19 15:50	12/12/19 16:43	SW 8270C	JKA
Surrogate: 4-Terphenyl-d14		*98 %*		*57-122*		12/11/19 15:50	12/12/19 16:43	SW 8270C	JKA

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121466
Client Sample ID: BUF-6 **Lab ID:** 9121466-02
Collection Date: 12/6/19 10:10 **Matrix:** Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
General Chemistry									
pH	**8.66**	0.0100		pH Units	1	12/10/19 14:40	12/11/19 8:17	SW 9045	CLH
Solids - total solids (TS)	**82**	0.050		%	1	12/10/19 18:02	12/11/19 8:13	SM 2540G	CLH
Total Metals									
***Arsenic**	**20**	1.2		mg/kg dry	10	12/11/19 7:32	12/12/19 19:16	SW 6020	JMW
***Barium**	**37**	1.2		mg/kg dry	10	12/11/19 7:32	12/12/19 19:16	SW 6020	JMW
*Cadmium	U	1.2		mg/kg dry	10	12/11/19 7:32	12/12/19 19:16	SW 6020	JMW
***Chromium**	**16**	4.9		mg/kg dry	10	12/11/19 7:32	12/12/19 19:16	SW 6020	JMW
***Lead**	**26**	1.2		mg/kg dry	10	12/11/19 7:32	12/12/19 19:16	SW 6020	JMW
*Mercury	U	0.24		mg/kg dry	10	12/11/19 7:32	12/13/19 11:54	SW 6020	JMW
***Selenium**	**0.80**	0.24		mg/kg dry	10	12/11/19 7:32	12/12/19 19:16	SW 6020	JMW
*Silver	U	2.4		mg/kg dry	10	12/11/19 7:32	12/12/19 19:16	SW 6020	JMW
Semivolatile Organics - PNA									
*Acenaphthene	U	0.347		mg/kg dry	1	12/11/19 15:50	12/12/19 17:14	SW 8270C	JKA
*Anthracene	U	0.347		mg/kg dry	1	12/11/19 15:50	12/12/19 17:14	SW 8270C	JKA
*Benzo(a)anthracene	U	0.347		mg/kg dry	1	12/11/19 15:50	12/12/19 17:14	SW 8270C	JKA
*Benzo(b)fluoranthene	U	0.347		mg/kg dry	1	12/11/19 15:50	12/12/19 17:14	SW 8270C	JKA
*Benzo(k)fluoranthene	U	0.347		mg/kg dry	1	12/11/19 15:50	12/12/19 17:14	SW 8270C	JKA
*Benzo(a)pyrene	U	0.0694		mg/kg dry	1	12/11/19 15:50	12/12/19 17:14	SW 8270C	JKA
*Chrysene	U	0.347		mg/kg dry	1	12/11/19 15:50	12/12/19 17:14	SW 8270C	JKA
*Dibenzo(a,h)anthracene	U	0.0694		mg/kg dry	1	12/11/19 15:50	12/12/19 17:14	SW 8270C	JKA
*Fluoranthene	U	0.347		mg/kg dry	1	12/11/19 15:50	12/12/19 17:14	SW 8270C	JKA
*Fluorene	U	0.347		mg/kg dry	1	12/11/19 15:50	12/12/19 17:14	SW 8270C	JKA
*Indeno(1,2,3-cd)pyrene	U	0.347		mg/kg dry	1	12/11/19 15:50	12/12/19 17:14	SW 8270C	JKA
*Naphthalene	U	0.347		mg/kg dry	1	12/11/19 15:50	12/12/19 17:14	SW 8270C	JKA
*Pyrene	U	0.347		mg/kg dry	1	12/11/19 15:50	12/12/19 17:14	SW 8270C	JKA
Surrogate: 2-Fluorobiphenyl		*85 %*		*38-122*		12/11/19 15:50	12/12/19 17:14	SW 8270C	JKA
Surrogate: Nitrobenzene-d5		*71 %*		*45-136*		12/11/19 15:50	12/12/19 17:14	SW 8270C	JKA
Surrogate: 4-Terphenyl-d14		*101 %*		*57-122*		12/11/19 15:50	12/12/19 17:14	SW 8270C	JKA

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121466

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B928655 - 06-ASTM D2974 Solids										
Blank (B928655-BLK1)				Prepared: 12/10/19 1 Analyzed: 12/11/19 0						
Solids - total solids (TS)	U	0.050	%							
Duplicate (B928655-DUP1)		**Source: 9121683-01**		Prepared: 12/10/19 1 Analyzed: 12/11/19 0						
Solids - total solids (TS)	89.5	0.050	%		89.2			0.4	5	
Batch B928657 - 06-SW 9045C pH										
Duplicate (B928657-DUP1)		**Source: 9121466-02**		Prepared: 12/10/19 1 Analyzed: 12/11/19 0						
pH	8.65	0.0100	pH Units		8.66			0.2	5	

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121466

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B928645 - SW 3051										
Blank (B928645-BLK1)				Prepared: 12/11/19 0 Analyzed: 12/12/19 1						
Arsenic	U	1.0	mg/kg wet							
Barium	U	1.0	mg/kg wet							
Cadmium	U	1.0	mg/kg wet							
Chromium	U	4.0	mg/kg wet							
Lead	U	1.0	mg/kg wet							
Mercury	U	0.20	mg/kg wet							
Selenium	U	0.20	mg/kg wet							
Silver	U	2.0	mg/kg wet							
LCS (B928645-BS1)				Prepared: 12/11/19 0 Analyzed: 12/12/19 1						
Arsenic	46.2	1.0	mg/kg wet	50.00		92	80-120			
Barium	46.9	1.0	mg/kg wet	50.00		94	80-120			
Cadmium	46.3	1.0	mg/kg wet	50.00		93	80-120			
Chromium	46.3	4.0	mg/kg wet	50.00		93	80-120			
Lead	45.0	1.0	mg/kg wet	50.00		90	80-120			
Mercury	4.70	0.20	mg/kg wet	5.000		94	80-120			
Selenium	47.8	0.20	mg/kg wet	50.00		96	80-120			
Silver	46.1	2.0	mg/kg wet	50.00		92	80-120			

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121466

Semivolatile Organics - PNA - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B928738 - 06-SW 3550B PNA										
Blank (B928738-BLK1)				Prepared: 12/11/19 1 Analyzed: 12/12/19 1						
Acenaphthene	U	0.300	mg/kg wet							
Anthracene	U	0.300	mg/kg wet							
Benzo(a)anthracene	U	0.300	mg/kg wet							
Benzo(b)fluoranthene	U	0.300	mg/kg wet							
Benzo(k)fluoranthene	U	0.300	mg/kg wet							
Benzo(a)pyrene	U	0.0600	mg/kg wet							
Chrysene	U	0.300	mg/kg wet							
Dibenzo(a,h)anthracene	U	0.0600	mg/kg wet							
Fluoranthene	U	0.300	mg/kg wet							
Fluorene	U	0.300	mg/kg wet							
Indeno(1,2,3-cd)pyrene	U	0.300	mg/kg wet							
Naphthalene	U	0.300	mg/kg wet							
Pyrene	U	0.300	mg/kg wet							
Surrogate: 2-Fluorobiphenyl	*0.648*		*mg/kg wet*	*0.6667*		*97*	*38-122*			
Surrogate: Nitrobenzene-d5	*0.569*		*mg/kg wet*	*0.6667*		*85*	*45-136*			
Surrogate: 4-Terphenyl-d14	*0.760*		*mg/kg wet*	*0.6667*		*114*	*57-122*			
LCS (B928738-BS1)				Prepared: 12/11/19 1 Analyzed: 12/12/19 1						
Acenaphthene	0.543	0.300	mg/kg wet	0.6667		82	50-135			
Acenaphthylene	0.604	0.300	mg/kg wet	0.6667		91	51-134			
Anthracene	0.546	0.300	mg/kg wet	0.6667		82	52-117			
Benzo(a)anthracene	0.579	0.300	mg/kg wet	0.6667		87	50-126			
Benzo(b)fluoranthene	0.700	0.300	mg/kg wet	0.6667		105	57-134			
Benzo(k)fluoranthene	0.730	0.300	mg/kg wet	0.6667		109	59-168			
Benzo(g,h,i)perylene	0.768	0.300	mg/kg wet	0.6667		115	56-147			
Benzo(a)pyrene	0.709	0.0600	mg/kg wet	0.6667		106	41-133			
Chrysene	0.519	0.300	mg/kg wet	0.6667		78	52-127			
Dibenzo(a,h)anthracene	0.859	0.0600	mg/kg wet	0.6667		129	60-170			
Fluoranthene	0.633	0.300	mg/kg wet	0.6667		95	57-130			
Fluorene	0.575	0.300	mg/kg wet	0.6667		86	47-154			
Indeno(1,2,3-cd)pyrene	0.824	0.300	mg/kg wet	0.6667		124	59-132			
Naphthalene	0.537	0.300	mg/kg wet	0.6667		81	40-135			
Phenanthrene	0.555	0.300	mg/kg wet	0.6667		83	54-126			
Pyrene	0.628	0.300	mg/kg wet	0.6667		94	57-132			
Surrogate: 2-Fluorobiphenyl	*0.600*		*mg/kg wet*	*0.6667*		*90*	*38-122*			
Surrogate: Nitrobenzene-d5	*0.516*		*mg/kg wet*	*0.6667*		*77*	*45-136*			
Surrogate: 4-Terphenyl-d14	*0.694*		*mg/kg wet*	*0.6667*		*104*	*57-122*			

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121466

Semivolatile Organics - PNA - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B928738 - 06-SW 3550B PNA										
Matrix Spike (B928738-MS1)	**Source: 9121466-01**			Prepared: 12/11/19 1 Analyzed: 12/13/19 0						
Acenaphthene	0.609	0.370	mg/kg dry	0.7902	ND	77	50-135			
Acenaphthylene	0.720	0.370	mg/kg dry	0.7902	ND	91	51-134			
Anthracene	0.613	0.370	mg/kg dry	0.7902	ND	78	52-117			
Benzo(a)anthracene	0.636	0.370	mg/kg dry	0.7902	ND	80	50-126			
Benzo(b)fluoranthene	0.400	0.370	mg/kg dry	0.7902	ND	51	57-134			Q1
Benzo(k)fluoranthene	0.414	0.370	mg/kg dry	0.7902	ND	52	59-168			Q1
Benzo(g,h,i)perylene	0.422	0.370	mg/kg dry	0.7902	ND	53	56-147			Q1
Benzo(a)pyrene	0.363	0.0739	mg/kg dry	0.7902	ND	46	41-133			
Chrysene	0.556	0.370	mg/kg dry	0.7902	ND	70	52-127			
Dibenzo(a,h)anthracene	0.503	0.0739	mg/kg dry	0.7902	ND	64	60-170			
Fluoranthene	0.694	0.370	mg/kg dry	0.7902	ND	88	57-130			
Fluorene	0.656	0.370	mg/kg dry	0.7902	ND	83	47-154			
Indeno(1,2,3-cd)pyrene	0.426	0.370	mg/kg dry	0.7902	ND	54	59-132			Q1
Naphthalene	0.601	0.370	mg/kg dry	0.7902	ND	76	40-135			
Phenanthrene	0.625	0.370	mg/kg dry	0.7902	ND	79	54-126			
Pyrene	0.671	0.370	mg/kg dry	0.7902	ND	85	57-132			
Surrogate: 2-Fluorobiphenyl	*0.708*		*mg/kg dry*	*0.7902*		*90*	*38-122*			
Surrogate: Nitrobenzene-d5	*0.564*		*mg/kg dry*	*0.7902*		*71*	*45-136*			
Surrogate: 4-Terphenyl-d14	*0.769*		*mg/kg dry*	*0.7902*		*97*	*57-122*			
Matrix Spike Dup (B928738-MSD1)	**Source: 9121466-01**			Prepared: 12/11/19 1 Analyzed: 12/13/19 0						
Acenaphthene	0.608	0.370	mg/kg dry	0.7845	ND	77	50-135	0.2	20	
Acenaphthylene	0.724	0.370	mg/kg dry	0.7845	ND	92	51-134	0.6	20	
Anthracene	0.611	0.370	mg/kg dry	0.7845	ND	78	52-117	0.4	20	
Benzo(a)anthracene	0.632	0.370	mg/kg dry	0.7845	ND	81	50-126	0.7	20	
Benzo(b)fluoranthene	0.403	0.370	mg/kg dry	0.7845	ND	51	57-134	0.6	20	Q2
Benzo(k)fluoranthene	0.421	0.370	mg/kg dry	0.7845	ND	54	59-168	2	20	Q2
Benzo(g,h,i)perylene	0.437	0.370	mg/kg dry	0.7845	ND	56	56-147	4	20	Q2
Benzo(a)pyrene	0.364	0.0739	mg/kg dry	0.7845	ND	46	41-133	0.5	20	
Chrysene	0.552	0.370	mg/kg dry	0.7845	ND	70	52-127	0.7	20	
Dibenzo(a,h)anthracene	0.518	0.0739	mg/kg dry	0.7845	ND	66	60-170	3	20	
Fluoranthene	0.695	0.370	mg/kg dry	0.7845	ND	89	57-130	0.2	20	
Fluorene	0.659	0.370	mg/kg dry	0.7845	ND	84	47-154	0.4	20	
Indeno(1,2,3-cd)pyrene	0.433	0.370	mg/kg dry	0.7845	ND	55	59-132	2	20	Q2
Naphthalene	0.601	0.370	mg/kg dry	0.7845	ND	77	40-135	0.01	20	
Phenanthrene	0.624	0.370	mg/kg dry	0.7845	ND	80	54-126	0.1	20	
Pyrene	0.669	0.370	mg/kg dry	0.7845	ND	85	57-132	0.4	20	
Surrogate: 2-Fluorobiphenyl	*0.703*		*mg/kg dry*	*0.7845*		*90*	*38-122*			
Surrogate: Nitrobenzene-d5	*0.557*		*mg/kg dry*	*0.7845*		*71*	*45-136*			
Surrogate: 4-Terphenyl-d14	*0.764*		*mg/kg dry*	*0.7845*		*97*	*57-122*			

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121466

Notes and Definitions

Q2	Matrix Spike Duplicate failed % recovery acceptance limits. The associated blank spike recovery was acceptable.
Q1	Matrix Spike failed % recovery acceptance limits. The associated blank spike recovery was acceptable.
*	NELAC certified compound.
U	Analyte not detected (i.e. less than RL or MDL).

Chain of Custody Record

Phone: (847) 651-2604
FAX: (847) 458-9680

9121466

Client	True North Consultants
Address	1000 East Warrenville Road, Suite 140
City, State, Zip Code	Naperville, Illinois 60563
Phone / Facsimile	630.717.2880/630.689.5881
Project Name / Number	Buffalo Gove 2020 Water Main Improvements
Project Location	Buffalo Grove, IL
P.O. # or Invoice To	T119875
Contact Person	M. Bredrup, J. Reed, M. Kupczyk, M. Jawad, G. Klepitsch

Reporting: CCDD ■ MAC ☐ | CALM ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F | RISC ☐ Resid ☐ Indust

Sample Description	Sampling Date	Sampling Time	Matrix Code	Preserv Code	No. of Containers	Sample Type Comp	Sample Type Grab	PNAs	RCRA metals	pH							Sampler Comments
BUF-5	12/6/2019	940	S	0	2		X	X	X	X							
BUF-6	12/6/2019	1010	S	0	2		X	X	X	X							

Matrix Code	A - Aqueous	DW - Drinking Water	GW - Ground Water	NA - Non-Aqueous Liquid	S - Solid	O - Oil	X - Other (Specify)
Preserv Code	0 - None	1 - HCl	2 - H_2SO_4	3 - HNO_3	4 - NaOH	5 - 5035 Kit	X - Other (Specify)

Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment
	12/6/19	1530		12/6/19	1620	

Special Instructions:

Turnaround Time: Standard ■ Rush ☐ Date Required:

QC Level: 1☐ 2■ 3☐ 4☐

On wet ice? Yes No

Temperature (°C)

PAS COC Rev. 3

Page 1 of 1

Copies: White - Client / Yellow - PAS, Inc. / Pink - Sampler

SUBCONTRACT ORDER
Transfer Chain of Custody

PDC Laboratories, Inc.

9121466

SENDING LABORATORY

PDC Laboratories, Inc.
4314-A Crystal Lake Road
McHenry, IL 60050
(815)344-4044

RECEIVING LABORATORY

PDC Laboratories, Inc.
2231 W Altorfer Dr
Peoria, IL 61615
(309) 692-9688

Sample: 9121466-01
Name: BUF-5

Sampled: 12/06/19 09:40
Matrix: Solid
Preservative: Cool <6

Analysis	Due	Expires	Comments
Ag 6020 Tot	12/13/19 16:00	06/03/20 09:40	
As 6020 Tot	12/13/19 16:00	06/03/20 09:40	
Ba 6020 Tot	12/13/19 16:00	06/03/20 09:40	
Cd 6020 Tot	12/13/19 16:00	06/03/20 09:40	
Cr 6020 Tot	12/13/19 16:00	06/03/20 09:40	
Hg 6020 Tot	12/13/19 16:00	01/03/20 09:40	
Pb 6020 Tot	12/13/19 16:00	06/03/20 09:40	
Se 6020 Tot	12/13/19 16:00	06/03/20 09:40	

Sample: 9121466-02
Name: BUF-6

Sampled: 12/06/19 10:10
Matrix: Solid
Preservative: Cool <6

Analysis	Due	Expires	Comments
Ag 6020 Tot	12/13/19 16:00	06/03/20 10:10	
As 6020 Tot	12/13/19 16:00	06/03/20 10:10	
Ba 6020 Tot	12/13/19 16:00	06/03/20 10:10	
Cd 6020 Tot	12/13/19 16:00	06/03/20 10:10	
Cr 6020 Tot	12/13/19 16:00	06/03/20 10:10	
Hg 6020 Tot	12/13/19 16:00	01/03/20 10:10	
Pb 6020 Tot	12/13/19 16:00	06/03/20 10:10	
Se 6020 Tot	12/13/19 16:00	06/03/20 10:10	

SUBCONTRACT ORDER
Transfer Chain of Custody

PDC Laboratories, Inc.

9121466

Please email results to Michael Austin at

Date Shipped:_____ Total # of Containers: _____ Sample Origin (State): _____ PO #: _____

Turn-Around Time Requested ☐ NORMAL ☐ RUSH Date Results Needed: _____

Relinquished By	Date/Time	Received By	Date/Time
Relinquished By	Date/Time	Received By	Date/Time
		12/7/19	1105

Sample Temperature Upon Receipt	5.8 °C
Sample(s) Received on Ice	(Y) or N
Proper Bottles Received in Good Condition	(Y) or N
Bottles Filled with Adequate Volume	(Y) or N
Samples Received Within Hold Time	(Y) or N
Date/Time Taken From Sample Bottle	Y or (N)

SUBCONTRACT ORDER
Transfer Chain of Custody

PDC Laboratories, Inc.

9121466

SENDING LABORATORY

PDC Laboratories, Inc.
4314-A Crystal Lake Road
McHenry, IL 60050
(815)344-4044

RECEIVING LABORATORY

PDC Laboratories, Inc. - Springfield, Il
1210 Capital Airport Drive
Springfield, IL 62707
(217) 753-1148

Sample: 9121466-01
Name: BUF-5

Sampled: 12/06/19 09:40
Matrix: Solid
Preservative: Cool <6

Analysis	Due	Expires	Comments
06-M8270C PNA	12/13/19 16:00	12/20/19 09:40	
06-pH SW 9045 Soil	12/13/19 16:00	12/13/19 09:40	
Solids-TS	12/13/19 16:00	12/13/19 09:40	Run at SPIL

Sample: 9121466-02
Name: BUF-6

Sampled: 12/06/19 10:10
Matrix: Solid
Preservative: Cool <6

Analysis	Due	Expires	Comments
06-M8270C PNA	12/13/19 16:00	12/20/19 10:10	
06-pH SW 9045 Soil	12/13/19 16:00	12/13/19 10:10	
Solids-TS	12/13/19 16:00	12/13/19 10:10	Run at SPIL

Please email results to Michael Austin at

Date Shipped: _____ Total # of Containers: 8 2 Sample Origin (State): _____ PO #: _____

Turn-Around Time Requested ☐ NORMAL ☐ RUSH Date Results Needed: _____

Relinquished By	Date/Time	Received By	Date/Time
	12/7/19		12/7/19 12:07
	12/9/19 1:47		12.09.19 15.15

Sample Temperature Upon Receipt 5.4 °C
Sample(s) Received on Ice Y or N
Proper Bottles Received in Good Condition Y or N
Bottles Filled with Adequate Volume Y or N
Samples Received Within Hold Time Y or N
Date/Time Taken From Sample Bottle Y or N

PDC Laboratories, Inc.

Monday, December 23, 2019

Marjory Bredrup

True North Consultants
1000 East Warrenville Rd. #140
Naperville, IL 60563

TEL: (630) 717-2880

FAX:

RE: Buffalo Grove 2020 Water Main Imp: BG, IL PDC WO: 9121480

PDC Laboratories, Inc. received 1 sample(s) on 12/6/2019 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

Michael Austin
Project Manager

Certifications: NELAP/NELAC - IL #100323

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL
Lab Order: 9121480
Client Sample ID: BUF-7
Lab ID: 9121480-01
Collection Date: 12/6/19 10:25
Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
General Chemistry									
Solids - total solids (TS)	**83**	0.050	H	%	1	12/17/19 14:18	12/18/19 8:17	SM 2540G	CLH
Total Metals									
***Arsenic**	**5.5**	1.2	Q3	mg/kg dry	10	12/20/19 9:30	12/20/19 15:18	SW 6020	JMW

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121480

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B929162 - 06-ASTM D2974 Solids										
Blank (B929162-BLK1)				Prepared: 12/17/19 1 Analyzed: 12/18/19 0						
Solids - total solids (TS)	U	0.050	%							
Duplicate (B929162-DUP1)		**Source: 9122964-01**		Prepared: 12/17/19 1 Analyzed: 12/18/19 0						
Solids - total solids (TS)	86.2	0.050	%		87.3			1	5	

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121480

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B929489 - SW 3051										
Blank (B929489-BLK1)				Prepared: 12/20/19 0 Analyzed: 12/20/19 1						
Arsenic	U	1.0	mg/kg wet							
LCS (B929489-BS1)				Prepared: 12/20/19 0 Analyzed: 12/20/19 1						
Arsenic	45.0	1.0	mg/kg wet	50.00		90	80-120			
Matrix Spike (B929489-MS1)	**Source: 9121480-01**			Prepared: 12/20/19 0 Analyzed: 12/20/19 1						
Arsenic	41.1	1.2	mg/kg dry	62.95	5.50	57	75-125			Q1
Matrix Spike Dup (B929489-MSD1)	**Source: 9121480-01**			Prepared: 12/20/19 0 Analyzed: 12/20/19 1						
Arsenic	43.0	1.2	mg/kg dry	60.80	5.50	62	75-125	4	20	Q2

LABORATORY RESULTS

Client: True North Consultants
Project: Buffalo Grove 2020 Water Main Imp: BG, IL **Lab Order:** 9121480

Notes and Definitions

Q3	Matrix Spike/Matrix Spike Duplicate both failed % recovery acceptance limits. The associated blank spike recovery was acceptable.
Q2	Matrix Spike Duplicate failed % recovery acceptance limits. The associated blank spike recovery was acceptable.
Q1	Matrix Spike failed % recovery acceptance limits. The associated blank spike recovery was acceptable.
H	Test performed after the expiration of the appropriate regulatory/advisory maximum allowable hold time.
*	NELAC certified compound.
U	Analyte not detected (i.e. less than RL or MDL).

Chain of Custody Record

Phone: (847) 651-2604
FAX: (847) 458-9680

9121480

Client	True North Consultants
Address	1000 East Warrenville Road, Suite 140
City, State, Zip Code	Naperville, Illinois 60563
Phone / Facsimile	630.717.2880/630.689.5881
Project Name / Number	Buffalo Gove 2020 Water Main Improvements
Project Location	Buffalo Grove, IL
P.O. # or Invoice To	T119875
Contact Person	M. Bredrup, J. Reed, M. Kupczyk, M. Jawad, G. Klepitsch

Analysis and/or Method Requested

Reporting: CCDD ■ MAC ☐ ; CALM ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F ; RISC ☐ Resid ☐ Indust

Sample Description	Sampling Date	Sampling Time	Matrix Code	Preserv Code	No. of Containers	Sample Type Comp	Sample Type Grab	Sampler Comments
BUF-7	12/6/2019	1025	S	0	2		X	HOLD

Matrix Code	A - Aqueous	DW - Drinking Water	GW - Ground Water	NA - Non-Aqueous Liquid	S - Solid	O - Oil	X - Other (Specify)
Preserv Code	0 - None	1 - HCl	2 - H2SO4	3 - HNO3	4 - NaOH	5 - 5035 Kit	X - Other (Specify)

Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment
	12/6/19	1520		12/6/19	1520	
	12/6/19	1800				
				12/7/19	1105	

Special Instructions:

Turnaround Time: Standard ■ Rush ☐
Date Required:

QC Level: 1☐ 2■ 3☐ 4☐

On wet ice? Yes No

Temperature (°C): 5.8

SUBCONTRACT ORDER
Transfer Chain of Custody

PDC Laboratories, Inc.

9121480

SENDING LABORATORY

PDC Laboratories, Inc.
4314-A Crystal Lake Road
McHenry, IL 60050
(815)344-4044

RECEIVING LABORATORY

PDC Laboratories, Inc.
2231 W Altorfer Dr
Peoria, IL 61615
(309) 692-9688

Sample: 9121480-01
Name: BUF-7

Sampled: 12/06/19 10:25
Matrix: Solid
Preservative: *** DEFAULT PRESER

Analysis	Due	Expires	Comments
Hold	12/13/19 16:00	12/16/19 10:25	

Please email results to Michael Austin at

Date Shipped:_____ Total # of Containers: 2 Sample Origin (State): _____ PO #: _____

Turn-Around Time Requested ☐ NORMAL ☐ RUSH Date Results Needed: _____

Relinquished By	Date/Time	Received By	Date/Time
	12/7/19	SM	12/9/19 12:07
SM	12/9/19 11:47		12.09.19 15:15

Sample Temperature Upon Receipt 5.4 °C
Sample(s) Received on Ice Y or N
Proper Bottles Received in Good Condition Y or N
Bottles Filled with Adequate Volume Y or N
Samples Received Within Hold Time Y or N
Date/Time Taken From Sample Bottle Y or N

Chain of Custody Record

Phone: (847) 651-2604
FAX: (847) 458-9680

Client	True North Consultants
Address	1000 East Warrenville Road, Suite 140
City, State, Zip Code	Naperville, Illinois 60563
Phone / Facsimile	630.717.2880/630.689.5881
Project Name / Number	Buffalo Gove 2020 Water Main Improvements
Project Location	Buffalo Grove, IL
P.O. # or Invoice To	T119875
Contact Person	M. Bredrup, J. Reed, M. Kupczyk, M. Jawad, G. Klepitsch

Analysis and/or Method Requested: Arsenic

Reporting: CCDD ■ MAC ☐ | CALM ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F | RISC ☐ Resid ☐ Indust

Sample Description	Sampling Date	Sampling Time	Matrix Code	Preserv Code	No. of Containers	Sample Type Comp	Sample Type Grab	Arsenic	Sampler Comments
BUF-7	12/6/2019	1025	S	0	2		X	X	

Matrix Code	A - Aqueous	DW - Drinking Water	GW - Ground Water	NA - Non-Aqueous Liquid	S - Solid	O - Oil
Preserv Code	0 - None	1 - HCl	2 - H2SO4	3 - HNO3	4 - NaOH	5 - 5035 Kit

Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment

Special Instructions:

Turnaround Time: Standard ■ Rush ☐
Date Required:

QC Level: 1 ☐ 2 ■ 3 ☐ 4 ☐

On wet ice? Yes No

Temperature (°C)

PDC Laboratories, Inc.

Friday, January 24, 2020

Marjory Bredrup

True North Consultants
1000 East Warrenville Rd. #140
Naperville, IL 60563

TEL: (630) 717-2880

FAX:

RE: 2020 Watermain Proj: Saxon Pl

PDC WO: 0013392

PDC Laboratories, Inc. received 1 sample(s) on 1/17/2020 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

Michael Austin
Project Manager

Certifications: NELAP/NELAC - IL #100323

LABORATORY RESULTS

Client: True North Consultants
Project: 2020 Watermain Proj: Saxon Pl
Lab Order: 0013392
Client Sample ID: BUF-6-5N
Lab ID: 0013392-01
Collection Date: 1/17/20 8:09
Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
General Chemistry									
Solids - total solids (TS)	**77**	0.050		%	1	1/22/20 12:23	1/22/20 13:19	SM 2540G	CPC
Total Metals									
***Arsenic**	**11**	1.3		mg/kg dry	10	1/22/20 8:00	1/23/20 18:04	EPA 6020A	JMW

LABORATORY RESULTS

Client: True North Consultants
Project: 2020 Watermain Proj: Saxon Pl **Lab Order:** 0013392

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B001918 - No Prep										
Blank (B001918-BLK1)				Prepared & Analyzed: 01/22/20 1						
Solids - total solids (TS)	U	0.050	%							
Duplicate (B001918-DUP1)		**Source: 0013044-08**		Prepared & Analyzed: 01/22/20 1						
Solids - total solids (TS)	3.40	0.050	%		3.54			4	5	
Duplicate (B001918-DUP2)		**Source: 0013772-02**		Prepared & Analyzed: 01/22/20 1						
Solids - total solids (TS)	13.6	0.050	%		13.9			2	5	

LABORATORY RESULTS

Client: True North Consultants
Project: 2020 Watermain Proj: Saxon Pl **Lab Order:** 0013392

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B001874 - SW 3051										
Blank (B001874-BLK1)				Prepared: 01/22/20 0 Analyzed: 01/23/20 1						
Arsenic	U	1.0	mg/kg wet							
LCS (B001874-BS1)				Prepared: 01/22/20 0 Analyzed: 01/23/20 1						
Arsenic	50.3	1.0	mg/kg wet	50.00		101	80-120			
Matrix Spike (B001874-MS1)	**Source: 0012255-01**			Prepared: 01/22/20 0 Analyzed: 01/23/20 1						
Arsenic	56.1	1.1	mg/kg dry	56.92	21.9	60	75-125			Q1
Matrix Spike Dup (B001874-MSD1)	**Source: 0012255-01**			Prepared: 01/22/20 0 Analyzed: 01/23/20 1						
Arsenic	55.9	1.1	mg/kg dry	56.92	21.9	60	75-125	0.4	20	Q2

LABORATORY RESULTS

Client: True North Consultants
Project: 2020 Watermain Proj: Saxon Pl **Lab Order:** 0013392

Notes and Definitions

Q2	Matrix Spike Duplicate failed % recovery acceptance limits. The associated blank spike recovery was acceptable.
Q1	Matrix Spike failed % recovery acceptance limits. The associated blank spike recovery was acceptable.
*	NELAC certified compound.
U	Analyte not detected (i.e. less than RL or MDL).

Chain of Custody Record

Phone: (847)-651-2604
FAX: (847) 458-9680

PDC Laboratories, Inc.
9114 Virginia Road Suite 112
Lake in the Hills, IL 60156

001392

Client	True North Consultants
Address	1000 E. Warrenville Road, Suite 140
City, State, Zip Code	Naperville, Illinois 60563
Phone / Facsimile	630.717.2880/630.689.5881
Project Name / Number	2020 Watermain Project
Project Location	Saxon Pl
P.O. # or Invoice To	T119875
Contact Person	M. Bredrup, B. Mihelich, J. Reed,, M. Kupczyk, M. Jawad, G. Klepitsch

Reporting: CCDD ■ MAC; CALM ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F; RISC ☐ Resid ☐ Indust

Sample Description	Sampling Date	Sampling Time	Matrix Code	Preserv Code	No. of Containers	Sample Type Comp	Sample Type Grab	Analysis and/or Method Requested: Arsenic	Sampler Comments
BUF-6-5N	1/17/2020	8:09	S	0	2		X	X	

Matrix Code	A - Aqueous	DW - Drinking Water	GW - Ground Water	NA - Non-Aqueous Liquid	S - Solid	O - Oil	X - Other (Specify)
Preserv Code	0 - None	1 - HCl	2 - H2SO4	3 - HNO3	4 - NaOH	5 - 5035 Kit	X - Other (Specify)

Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment
Garrett Bredrup	1/17/20	1405				
	1/17/20	1700		1/20/20	11:20	
	1/20/20	1:00		1.20.20	1300	

Special Instructions:

Turnaround Time: Standard ■ Rush ☐
Date Required:

QC Level: 1☐ 2■ 3☐ 4☐

On wet ice? (Yes) No

Temperature (°C): 3.6

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PAS COC Rev. 3

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PDC Laboratories, Inc.

Friday, January 24, 2020

Marjory Bredrup

True North Consultants
1000 East Warrenville Rd. #140
Naperville, IL 60563

TEL: (630) 717-2880

FAX:

RE: 2020 Watermain Proj: Saxon Pl PDC WO: 0013391

PDC Laboratories, Inc. received 1 sample(s) on 1/17/2020 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

If you have any questions, please feel free to contact me at (217) 753-1148.

Respectfully submitted,

Michael Austin
Project Manager

Certifications: NELAP/NELAC - IL #100323

LABORATORY RESULTS

Client: True North Consultants
Project: 2020 Watermain Proj: Saxon Pl
Lab Order: 0013391
Client Sample ID: BUF-6-10S
Lab ID: 0013391-01
Collection Date: 1/17/20 8:00
Matrix: Solid

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
General Chemistry									
Solids - total solids (TS)	**82**	0.050		%	1	1/22/20 12:23	1/22/20 13:19	SM 2540G	CPC
Total Metals									
***Arsenic**	**4.9**	1.2		mg/kg dry	10	1/22/20 8:00	1/23/20 18:00	EPA 6020A	JMW

LABORATORY RESULTS

Client: True North Consultants
Project: 2020 Watermain Proj: Saxon Pl **Lab Order:** 0013391

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B001918 - No Prep										
Blank (B001918-BLK1)				Prepared & Analyzed: 01/22/20 1						
Solids - total solids (TS)	U	0.050	%							
Duplicate (B001918-DUP1)		**Source: 0013044-08**		Prepared & Analyzed: 01/22/20 1						
Solids - total solids (TS)	3.40	0.050	%		3.54			4	5	
Duplicate (B001918-DUP2)		**Source: 0013772-02**		Prepared & Analyzed: 01/22/20 1						
Solids - total solids (TS)	13.6	0.050	%		13.9			2	5	

LABORATORY RESULTS

Client: True North Consultants
Project: 2020 Watermain Proj: Saxon Pl **Lab Order:** 0013391

Total Metals - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B001874 - SW 3051										
Blank (B001874-BLK1)				Prepared: 01/22/20 0 Analyzed: 01/23/20 1						
Arsenic	U	1.0	mg/kg wet							
LCS (B001874-BS1)				Prepared: 01/22/20 0 Analyzed: 01/23/20 1						
Arsenic	50.3	1.0	mg/kg wet	50.00		101	80-120			
Matrix Spike (B001874-MS1)	**Source: 0012255-01**			Prepared: 01/22/20 0 Analyzed: 01/23/20 1						
Arsenic	56.1	1.1	mg/kg dry	56.92	21.9	60	75-125			Q1
Matrix Spike Dup (B001874-MSD1)	**Source: 0012255-01**			Prepared: 01/22/20 0 Analyzed: 01/23/20 1						
Arsenic	55.9	1.1	mg/kg dry	56.92	21.9	60	75-125	0.4	20	Q2

LABORATORY RESULTS

Client: True North Consultants
Project: 2020 Watermain Proj: Saxon Pl **Lab Order:** 0013391

Notes and Definitions

Q2	Matrix Spike Duplicate failed % recovery acceptance limits. The associated blank spike recovery was acceptable.
Q1	Matrix Spike failed % recovery acceptance limits. The associated blank spike recovery was acceptable.
*	NELAC certified compound.
U	Analyte not detected (i.e. less than RL or MDL).

Chain of Custody Record

Phone: (847)-651-2604
FAX: (847) 458-9680

PDC Laboratories, Inc.
9114 Virginia Road Suite 112
Lake in the Hills, IL 60156

001 3391

Client	True North Consultants
Address	1000 E. Warrenville Road, Suite 140
City, State, Zip Code	Naperville, Illinois 60563
Phone / Facsimile	630.717.2880/630.689.5881
Project Name / Number	2020 Watermain Project
Project Location	Saxon Pl
P.O. # or Invoice To	T119875
Contact Person	M. Bredrup, B. Mihelich, J. Reed,, M. Kupczyk, M. Jawad, G. Klepitsch

Analysis and/or Method Requested: Arsenic

Reporting: CCDD ■ MAC; CALM ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F; RISC ☐ Resid ☐ Indust

Sample Description	Sampling Date	Sampling Time	Matrix Code	Preserv Code	No. of Containers	Sample Type Comp	Sample Type Grab	Arsenic	Sampler Comments
BUF-6-10S	1/17/2020	8:00	S	0	2		X	X	

Matrix Code	A - Aqueous	DW - Drinking Water	GW - Ground Water	NA - Non-Aqueous Liquid	S - Solid	O - Oil	X - Other (Specify)
Preserv Code	0 - None	1 - HCl	2 - H2SO4	3 - HNO3	4 - NaOH	5 - 5035 Kit	X - Other (Specify)

Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment
	1-17-20	1403		1/17/20	1501	
	1/17/20	1700		1/20/20	11:25	
	1/20/20	1:00		1.20.20	1300	

Special Instructions:

Turnaround Time: Standard ■ Rush ☐
Date Required:

QC Level: 1☐ 2■ 3☐ 4☐

On wet ice? (Yes) No

Temperature (°C): 3.6

PAS COC Rev. 3

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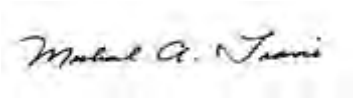
PDC Laboratories, Inc.
2231 W Altorfer Dr • Peoria, IL 61615
(309) 692-9688 • (800) 752.6651 • Fax (309) 692-9688

March 14, 2019

To Whom It May Concern:

The TNI accreditation # 100323 for PDC-Springfield will remain in force as it is currently, until IEPA provides the laboratory with a new Certificate of Accreditation. Any questions should be directed to John South, Accreditation Officer by email at John.South@Illinois.gov.

Thank you for your patience.



Michael A. Travis
Corporate Director of Quality Assurance
D: 309.683.1744 | mtravis@pdclab.com

PDC Laboratories, Inc.
2231 W Altorfer Drive, Peoria, IL 61615
800.752.6651 | www.pdclab.com

STATE OF ILLINOIS

ENVIRONMENTAL PROTECTION AGENCY
NELAP - RECOGNIZED
ENVIRONMENTAL LABORATORY ACCREDITATION

is hereby granted to

PDC- SPRINGFIELD

1210 CAPITAL AIRPORT DRIVE

SPRINGFIELD, IL 62707-8413

NELAP ACCREDITED

ACCREDITATION NUMBER #100323

According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

Celeste M. Crowley
Acting Manager
Environmental Laboratory Accreditation Program

John South
Accreditation Officer
Environmental Laboratory Accreditation Program

Certificate No.:	004302
Expiration Date:	01/31/2019
Issued On:	02/09/2018

State of Illinois
Environmental Protection Agency

Certificate No.: 004302

Awards the Certificate of Approval to:

PDC- Springfield
1210 Capital Airport Drive
Springfield, IL 62707-8413

According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

FOT Name: Drinking Water, Inorganic

Method: SM2320B,18Ed

Matrix Type: Potable Water

Alkalinity

Method: SM2340B,18Ed

Matrix Type: Potable Water

Hardness

Method: SM4110B,18Ed

Matrix Type: Potable Water

Chloride	Fluoride
Nitrate	Nitrite
Orthophosphate as P	Sulfate

Method: SM4500CN-E,18Ed

Matrix Type: Potable Water

Cyanide

Method: SM4500H-B,18Ed

Matrix Type: Potable Water

Hydrogen ion (pH)

Method: SM5310C,20Ed

Matrix Type: Potable Water

Total Organic Carbon (TOC)

Method: USEPA150.1

Matrix Type: Potable Water

Hydrogen ion (pH)

Method: USEPA200.7R4.4

Matrix Type: Potable Water

Aluminum	Arsenic
Barium	Beryllium
Cadmium	Calcium
Chromium	Copper

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FOT Name: Drinking Water, Inorganic

Method: USEPA200.7R4.4

Matrix Type: Potable Water

Iron	Hardness (calc.)
Manganese	Magnesium
Silver	Nickel
Zinc	Sodium

Method: USEPA200.8R5.4

Matrix Type: Potable Water

Aluminum	Antimony
Arsenic	Barium
Beryllium	Cadmium
Chromium	Copper
Lead	Manganese
Mercury	Molybdenum
Nickel	Selenium
Silver	Thallium
Zinc	

Method: USEPA245.2

Matrix Type: Potable Water

Mercury

Method: USEPA300.0R2.1

Matrix Type: Potable Water

Chloride	Fluoride
Nitrate	Nitrite
Orthophosphate as P	Sulfate

FOT Name: Drinking Water, Organic

Method: USEPA524.2R4.1

Matrix Type: Potable Water

1,1,1-Trichloroethane	1,1,2-Trichloroethane
1,1-Dichloroethene	1,2-Dichlorobenzene
1,2-Dichloroethane	1,2-Dichloropropane
1,4-Dichlorobenzene	Benzene
Bromodichloromethane	Bromoform
Carbon tetrachloride	Chlorobenzene
Chlorodibromomethane	Chloroform

FOT Name: Drinking Water, Organic

Method: USEPA524.2R4.1

Matrix Type: Potable Water

Dichloromethane (Methylene chloride)
Methyl tert-butyl ether (MTBE)
Styrene
Toluene
trans-1,2-Dichloroethene
Vinyl chloride
cis-1,2-Dichloroethene
Ethylbenzene
Naphthalene
Tetrachloroethene
Total trihalomethanes
Trichloroethylene
Xylenes (total)

FOT Name: Non Potable Water, Inorganic

Method: SM2130B,2001

Matrix Type: NPW/SCM

Turbidity

Method: SM2310B,1997

Matrix Type: NPW/SCM

Acidity

Method: SM2320B,1997

Matrix Type: NPW

Alkalinity

Method: SM2340B,1997

Matrix Type: NPW

Hardness

Method: SM2540B,1997

Matrix Type: NPW

Residue (Total)

Method: SM2540C,1997

Matrix Type: NPW

Residue (TDS)

Method: SM2540D,1997

Matrix Type: NPW

Residue (TSS)

Method: SM3500Cr-B,2009

Matrix Type: NPW/SCM

Chromium VI

Method: SM4110B,2000

Matrix Type: NPW/SCM

FOT Name: Non Potable Water, Inorganic

Method: SM4110B,2000

Matrix Type: NPW/SCM

Bromide
Chloride
Fluoride
Nitrate
Nitrate-Nitrite (as N)
Nitrite
Orthophosphate (as P)
Sulfate

Method: SM4500Cl-G,2000

Matrix Type: NPW

Chlorine, Total Residual

Method: SM4500CN-E,1999

Matrix Type: NPW

Cyanide

Method: SM4500H-B,2000

Matrix Type: NPW

Hydrogen Ion (pH)

Method: SM4500NH3-D,1997

Matrix Type: NPW/SCM

Ammonia
Total Kjeldahl Nitrogen

Method: SM4500NH3-G,1997

Matrix Type: NPW

Ammonia

Method: SM4500O-G,2001

Matrix Type: NPW

Oxygen - Dissolved

Method: SM4500P-E,1999

Matrix Type: NPW

Orthophosphate (as P)
Phosphorus

Method: SM4500P-F,1999

Matrix Type: NPW

Orthophosphate (as P)

Method: SM4500S2-F,2000

Matrix Type: NPW/SCM

Sulfide

Method: SM5210B,2001

Matrix Type: NPW

FOT Name: Non Potable Water, Inorganic

Matrix Type: NPW

Carbonaceous Biochemical Oxygen Demand (CBOI

Method: SM5220D,1997

Matrix Type: NPW

Chemical Oxygen Demand (COD)

Method: SM5310C,2000

Matrix Type: NPW

Total Organic Carbon (TOC)

Method: USEPA160.4,1971

Matrix Type: NPW

Residue (Volatile)

Method: USEPA1664A

Matrix Type: NPW

Oil and Grease

Method: USEPA180.1R2.0,1993

Matrix Type: NPW

Turbidity

Method: USEPA200.7,1994

Matrix Type: NPW/SCM

Aluminum
Antimony
Arsenic
Barium
Beryllium
Cadmium
Calcium
Chromium
Cobalt
Copper
Iron
Lead
Magnesium
Manganese
Molybdenum
Nickel
Potassium
Selenium
Silver
Sodium
Thallium
Tin
Titanium
Vanadium
Zinc

Method: USEPA200.8,1994

Method: SM5210B,2001

Biochemical Oxygen Demand (BOD)

FOT Name: **Non Potable Water, Inorganic** **Method:** **USEPA200.8,1994**

Matrix Type: **NPW/SCM**

Aluminum	Antimony
Arsenic	Barium
Beryllium	Boron
Cadmium	Calcium
Chromium	Cobalt
Copper	Iron
Lead	Magnesium
Manganese	Molybdenum
Nickel	Potassium
Selenium	Silver
Sodium	Thallium
Tin	Titanium
Vanadium	Zinc

Method: **USEPA245.2,1974**

Matrix Type: **NPW/SCM**

Mercury

Method: **USEPA300.0R2.1,1993**

Matrix Type: **NPW**

Bromide	Chloride
Fluoride	Nitrate
Nitrate-Nitrite (as N)	Nitrite
Orthophosphate (as P)	Sulfate

Method: **USEPA350.1R2.0,1993**

Matrix Type: **NPW**

Ammonia

Method: **USEPA365.1R2.0,1993**

Matrix Type: **NPW**

Orthophosphate (as P)

Method: **USEPA410.4R2.0,1993**

Matrix Type: **NPW**

Chemical Oxygen Demand (COD)

Method: **USEPA420.1,1978**

Matrix Type: **NPW**

FOT Name: Non Potable Water, Inorganic

Matrix Type: NPW

Method: USEPA420.4R1.0,1993

Matrix Type: NPW

Phenolics

Method: USEPA420.1,1978

Phenolics

FOT Name: Solid and Chemical Materials, Inorganic

Method: 1010A

Matrix Type: NPW/SCM

Ignitability

Method: 1311

Matrix Type: SCM

TCLP (Organic and Inorganic)

Method: 1312

Matrix Type: SCM

Synthetic Precipitation Leaching Procedure

Method: 6010B

Matrix Type: NPW/SCM

Antimony
Arsenic
Barium
Beryllium
Cadmium
Calcium
Chromium
Cobalt
Copper
Iron
Lead
Magnesium
Manganese
Molybdenum
Nickel
Potassium
Selenium
Silver
Sodium
Strontium
Thallium
Tin
Titanium
Vanadium
Zinc

Method: 6020A

Matrix Type: NPW/SCM

Aluminum
Antimony
Arsenic
Barium
Beryllium
Boron

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FOT Name: Solid and Chemical Materials, Inorganic

Method: 6020A

Matrix Type: NPW/SCM

- Calcium
- Cadmium
- Chromium
- Cobalt
- Copper
- Iron
- Lead
- Magnesium
- Manganese
- Mercury
- Molybdenum
- Nickel
- Potassium
- Selenium
- Silver
- Sodium
- Thallium
- Vanadium
- Zinc

Method: 7196A

Matrix Type: NPW/SCM

- Chromium VI

Method: 7470A

Matrix Type: NPW

- Mercury

Method: 7471B

Matrix Type: SCM

- Mercury

Method: 9014

Matrix Type: NPW/SCM

- Cyanide

Method: 9034

Matrix Type: NPW/SCM

- Sulfides

Method: 9040B

Matrix Type: NPW

- Hydrogen Ion (pH)

Method: 9040C

Matrix Type: NPW

- Hydrogen Ion (pH)

Method: 9045C

Matrix Type: SCM

- Hydrogen Ion (pH)

FOT Name: Solid and Chemical Materials, Inorganic **Method: 9045D**

Matrix Type: SCM

Hydrogen Ion (pH)

Method: 9056A

Matrix Type: NPW/SCM

Bromide
Chloride
Fluoride
Nitrate
Nitrite
Phosphate
Sulfate

Method: 9065

Matrix Type: NPW/SCM

Phenolics

Method: 9081

Matrix Type: NPW/SCM

Cation-exchange Capacity

Method: 9095A

Matrix Type: NPW/SCM

Paint Filter

FOT Name: Solid and Chemical Materials, Organic

Method: 8015B

Matrix Type: NPW/SCM

Diesel range organics (DRO)
Gasoline range organics (GRO)

Method: 8081A

Matrix Type: NPW/SCM

4,4'-DDD
4,4'-DDE
4,4'-DDT
Aldrin
alpha-BHC
alpha-Chlordane
beta-BHC
Chlordane - not otherwise specified
delta-BHC
Dieldrin
Endosulfan I
Endosulfan II
Endosulfan sulfate
Endrin
Endrin aldehyde
Endrin ketone
gamma-BHC (Lindane)
gamma-Chlordane
Heptachlor
Heptachlor epoxide
Methoxychlor
Toxaphene

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FOT Name: Solid and Chemical Materials, Organic **Method: 8082**

Matrix Type: NPW/SCM

PCB-1016	PCB-1221
PCB-1232	PCB-1242
PCB-1248	PCB-1254
PCB-1260	

Method: 8260B

Matrix Type: NPW/SCM

1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane
1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane
1,1-Dichloroethane	1,1-Dichloroethene
1,1-Dichloropropene	1,2,3-Trichlorobenzene
1,2,3-Trichloropropane	1,2,4-Trichlorobenzene
1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)
1,2-Dibromoethane (EDB)	1,2-Dichlorobenzene
1,2-Dichloroethane	1,2-Dichloropropane
1,3,5-Trimethylbenzene	1,3-Dichlorobenzene
1,3-Dichloropropane	1,4-Dichlorobenzene
2,2-Dichloropropane	2-Butanone (Methyl ethyl ketone, MEK)
2-Chloroethyl vinyl ether	2-Chlorotoluene
2-Hexanone	4-Chlorotoluene
4-Methyl-2-pentanone (Methyl isobutyl ketone, MIBł	Acetone
Acetonitrile	Acrolein (Propenal)
Acrylonitrile	Benzene
Bromobenzene	Bromochloromethane
Bromodichloromethane	Bromoform
Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chlorodibromomethane (Dibromochloromethane)
Chloroethane	Chloroform
Chloromethane	cis-1,2-Dichloroethene
Dichlorodifluoromethane	Dichloromethane (Methylene chloride)
Ethylbenzene	Hexachlorobutadiene
Isopropylbenzene	Methyl-t-butyl ether
Naphthalene	n-Butylbenzene
n-Propylbenzene	p-Isopropyltoluene
sec-Butylbenzene	Styrene

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Springfield, IL 62707-8413

FOT Name: Solid and Chemical Materials, Organic

Method: 8260B

Matrix Type: NPW/SCM

- Tetrachloroethene
- trans-1,2-Dichloroethene
- Trichlorofluoromethane
- Vinyl chloride
- tert-Butylbenzene
- Toluene
- Trichloroethene
- Vinyl acetate
- Xylenes (Total)

Method: 8270C

Matrix Type: NPW/SCM

- 1,2,4-Trichlorobenzene
- 1,3-Dichlorobenzene
- 2,2-Oxybis (1-chloropropane)
- 2,4,6-Trichlorophenol
- 2,4-Dimethylphenol
- 2,4-Dinitrotoluene (2,4-DNT)
- 2-Chloronaphthalene
- 2-Methylnaphthalene
- 2-Nitroaniline
- 3,3'-Dichlorobenzidine
- 4,6-Dinitro-2-methylphenol
- 4-Chloro-3-methylphenol
- 4-Chlorophenyl phenyl ether
- 4-Nitroaniline
- Acenaphthene
- Anthracene
- Benzo(a)pyrene
- Benzo(g,h,i)perlyene
- Bis(2-chloroethoxy) methane
- Bis(2-ethylhexyl) phthalate
- Carbazole
- Chlorobenzilate
- Dibenz(a,h)anthracene
- Diethyl phthalate
- Di-n-butyl phthalate
- Fluoranthene
- Hexachlorobenzene
- Hexachlorocyclopentadiene
- 1,2-Dichlorobenzene
- 1,4-Dichlorobenzene
- 2,4,5-Trichlorophenol
- 2,4-Dichlorophenol
- 2,4-Dinitrophenol
- 2,6-Dinitrotoluene (2,6-DNT)
- 2-Chlorophenol
- 2-Methylphenol (o-Cresol)
- 2-Nitrophenol
- 3-Nitroaniline
- 4-Bromophenyl phenyl ether
- 4-Chloroaniline
- 4-Methylphenol (p-Cresol)
- 4-Nitrophenol
- Acenaphthylene
- Benzo(a)anthracene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Bis(2-chloroethyl) ether
- Butyl benzyl phthalate
- Carbofuran (Furaden)
- Chrysene
- Dibenzofuran
- Dimethyl phthalate
- Di-n-octyl phthalate
- Fluorene
- Hexachlorobutadiene
- Hexachloroethane

PDC- Springfield
1210 Capital Airport Drive
Springfield, IL 62707-8413

FOT Name: Solid and Chemical Materials, Organic

Method: 8270C

Matrix Type: NPW/SCM

Isophorone	Indeno(1,2,3-cd) pyrene
Nitrobenzene	Naphthalene
N-Nitrosodi-n-propylamine	N-Nitrosodimethylamine
o-Cresol (2-Methylphenol)	N-Nitrosodiphenylamine
Pentachlorophenol	p-Cresol (4-Methylphenol)
Phenol	Phenanthrene
	Pyrene

Method: 8270C Mod_Farm Chemicals

Matrix Type: NPW/SCM

Acetochlor	Alachlor
Atrazine	Butylate
Chlorpyrifos	Cyanazine
EPTC	Metolachlor
Metribuzin	Pendimethalin
Prometon	Simazine
Terbufos	Trifluralin

Method: 8321B

Matrix Type: NPW/SCM

2,4,5-T	2,4,5-TP (Silvex)
2,4-D	2,4-DB
Aldicarb (Temik)	Carbofuran (Furaden)
Dalapon	Dicamba
Dinoseb	MCPA
MCPP	Oxamyl

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Buffalo Grove 2020 WM* *Saxon* *Wheeling IL 60089*
Project No:	*T19-796*
Report Type:	*Screen Report Plus*
Order No:	*20191101099*
Requested by:	*Bluff City Materials, Inc*
Date Completed:	*November 1, 2019*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Executive Summary

Property Information:

Project Property:		*Buffalo Grove 2020 WM* *Saxon Wheeling IL 60089*
Project No:		*T19-796*
Coordinates:		
	Latitude:	*42.137846*
	Longitude:	*-87.9530227*
	UTM Northing:	*4,665,520.76*
	UTM Easting:	*421,243.13*
	UTM Zone:	*16T*
Elevation:		*673 FT*

Order Information:

Order No:	*20191101099*
Date Requested:	*November 1, 2019*
Requested by:	*Bluff City Materials, Inc*
Report Type:	*Screen Report Plus*

Historicals/Products:

ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*

Executive Summary: Report Summary

Database	Searched	Project Property	Within 0.250mi	Total
Standard Environmental Records				
Federal				
NPL	Y	0	0	0
PROPOSED NPL	Y	0	0	0
DELETED NPL	Y	0	0	0
SEMS	Y	0	0	0
ODI	Y	0	0	0
SEMS ARCHIVE	Y	0	0	0
CERCLIS	Y	0	0	0
IODI	Y	0	0	0
CERCLIS NFRAP	Y	0	0	0
CERCLIS LIENS	Y	0	0	0
RCRA CORRACTS	Y	0	0	0
RCRA TSD	Y	0	0	0
RCRA LQG	Y	0	0	0
RCRA SQG	Y	0	1	1
RCRA CESQG	Y	0	1	1
RCRA NON GEN	Y	0	0	0
FED ENG	Y	0	0	0
FED INST	Y	0	0	0
ERNS 1982 TO 1986	Y	0	0	0
ERNS 1987 TO 1989	Y	0	0	0
ERNS	Y	0	0	0
FED BROWNFIELDS	Y	0	0	0
FEMA UST	Y	0	0	0
REFN	Y	0	0	0
BULK TERMINAL	Y	0	0	0
SEMS LIEN	Y	0	0	0

Database	Searched	Project Property	Within 0.250mi	Total
SUPERFUND ROD	Y	0	0	0
State				
SSU	Y	0	0	0
DELISTED SSU	Y	0	0	0
SWF/LF	Y	0	0	0
SWF/LF SPECIAL	Y	0	0	0
NIPC	Y	0	0	0
CCDD	Y	0	0	0
LUST	Y	0	0	0
LUST DOCUMENT	Y	0	0	0
DELISTED LUST	Y	0	0	0
LUST TRUST	Y	0	0	0
UST	Y	0	0	0
AST	Y	0	0	0
DELISTED TANK	Y	0	0	0
ENG	Y	0	1	1
INST	Y	0	1	1
SRP	Y	0	1	1
BROWNFIELDS	Y	0	0	0
BROWN MBRGP	Y	0	0	0
Tribal				
INDIAN LUST	Y	0	0	0
INDIAN UST	Y	0	0	0
DELISTED ILST	Y	0	0	0
DELISTED IUST	Y	0	0	0
County				
TANKS CHICAGO	Y	0	0	0
PERMITS CHICAGO	Y	0	0	0
Additional Environmental Records				
Federal				
PFAS NPL	Y	0	0	0
FINDS/FRS	Y	0	4	4
TRIS	Y	0	0	0
PFAS TRI	Y	0	0	0
HMIRS	Y	0	0	0
NCDL	Y	0	0	0
TSCA	Y	0	0	0

Database	Searched	Project Property	Within 0.250mi	Total
HIST TSCA	Y	0	0	0
FTTS ADMIN	Y	0	0	0
FTTS INSP	Y	0	0	0
PRP	Y	0	0	0
SCRD DRYCLEANER	Y	0	0	0
ICIS	Y	0	0	0
FED DRYCLEANERS	Y	0	0	0
DELISTED FED DRY	Y	0	0	0
FUDS	Y	0	0	0
MLTS	Y	0	0	0
HIST MLTS	Y	0	0	0
MINES	Y	0	0	0
ALT FUELS	Y	0	0	0
SSTS	Y	0	0	0
PCB	Y	0	0	0
State				
PFAS	Y	0	0	0
SPILLS	Y	0	0	0
SPILLS2	Y	0	0	0
TIER 2	Y	0	0	0
DRYCLEANERS	Y	0	0	0
DELISTED DRYCLEANERS	Y	0	1	1
CDL	Y	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*	*10*	*10*

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number

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
1	FINDS/FRS	309 DUNDEE	309 DUNDEE WHEELING IL 60090	N	0.06 / 335.71	2	14
2	RCRA SQG	GK CLEANERS	35 HUNTINGTON LANE WHEELING IL 60090 ***EPA Handler ID:*** ILD984784314	NW	0.17 / 886.25	3	14
2	FINDS/FRS	GK CLEANERS	35 HUNTINGTON LANE WHEELING IL 60090-6908	NW	0.17 / 886.25	3	16
2	DELISTED DRYCLEANERS	GK CLEANERS	35 HUNTINGTON LANE WHEELING IL 60090-6908	NW	0.17 / 886.25	3	17
2	SRP	G-K Cleaners	35 Huntington Lane Wheeling IL 60090	NW	0.17 / 886.25	3	17
2	ENG	G-K Cleaners	35 Huntington Lane Wheeling IL 60090	NW	0.17 / 886.25	3	18
2	INST	G-K Cleaners	35 Huntington Lane Wheeling IL 60090	NW	0.17 / 886.25	3	18
3	RCRA CESQG	LUX CARS CHICAGO INC	88 E DUNDEE RD BUFFALO GROVE IL 60089 ***EPA Handler ID:*** ILR000195826	WNW	0.20 / 1,041.77	2	19
3	FINDS/FRS	LUX CARS CHICAGO INC	88 E DUNDEE RD BUFFALO GROVE IL 60089	WNW	0.20 / 1,041.77	2	21
4	FINDS/FRS	EVALANCE CYCLE INC	1307 OAKMEADOW CT WHEELING IL 60090	NE	0.22 / 1,150.96	-2	22

Executive Summary: Summary by Data Source

Standard

Federal

RCRA SQG - RCRA Small Quantity Generators List

A search of the RCRA SQG database, dated Aug 26, 2019 has found that there are 1 RCRA SQG site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
GK CLEANERS	35 HUNTINGTON LANE WHEELING IL 60090 ***EPA Handler ID**: ILD984784314*	NW	0.17 / 886.25	2

RCRA CESQG - RCRA Conditionally Exempt and Very Small Quantity Generators List

A search of the RCRA CESQG database, dated Aug 26, 2019 has found that there are 1 RCRA CESQG site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
LUX CARS CHICAGO INC	88 E DUNDEE RD BUFFALO GROVE IL 60089 ***EPA Handler ID**: ILR000195826*	WNW	0.20 / 1,041.77	3

State

ENG - Sites with Engineering Controls

A search of the ENG database, dated Sep 11, 2019 has found that there are 1 ENG site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
G-K Cleaners	35 Huntington Lane Wheeling IL 60090	NW	0.17 / 886.25	2

INST - Institutional Controls

A search of the INST database, dated Sep 11, 2019 has found that there are 1 INST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
G-K Cleaners	35 Huntington Lane Wheeling IL 60090	NW	0.17 / 886.25	2

SRP - Illinois Site Remediation Program Database

A search of the SRP database, dated Sep 11, 2019 has found that there are 1 SRP site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
G-K Cleaners	35 Huntington Lane Wheeling IL 60090	NW	0.17 / 886.25	2

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Apr 23, 2019 has found that there are 4 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
309 DUNDEE	309 DUNDEE WHEELING IL 60090	N	0.06 / 335.71	1
GK CLEANERS	35 HUNTINGTON LANE WHEELING IL 60090-6908	NW	0.17 / 886.25	2
LUX CARS CHICAGO INC	88 E DUNDEE RD BUFFALO GROVE IL 60089	WNW	0.20 / 1,041.77	3

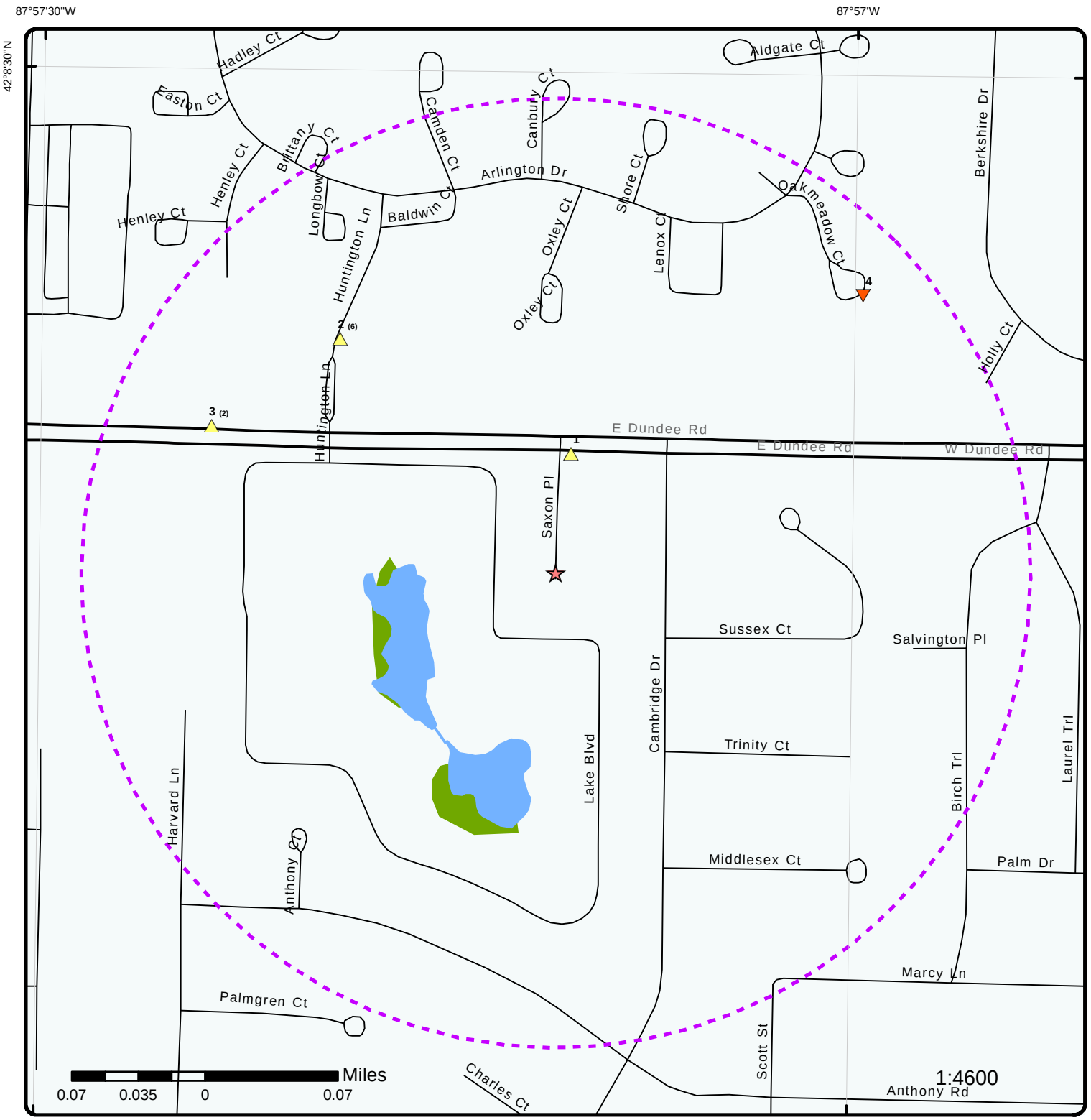
Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
EVALANCE CYCLE INC	1307 OAKMEADOW CT WHEELING IL 60090	NE	0.22 / 1,150.96	4

State

DELISTED DRYCLEANERS - Delisted Drycleaners

A search of the DELISTED DRYCLEANERS database, dated Aug 18, 2019 has found that there are 1 DELISTED DRYCLEANERS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
GK CLEANERS	35 HUNTINGTON LANE WHEELING IL 60090-6908	NW	0.17 / 886.25	2



Map : 0.25 Mile Radius

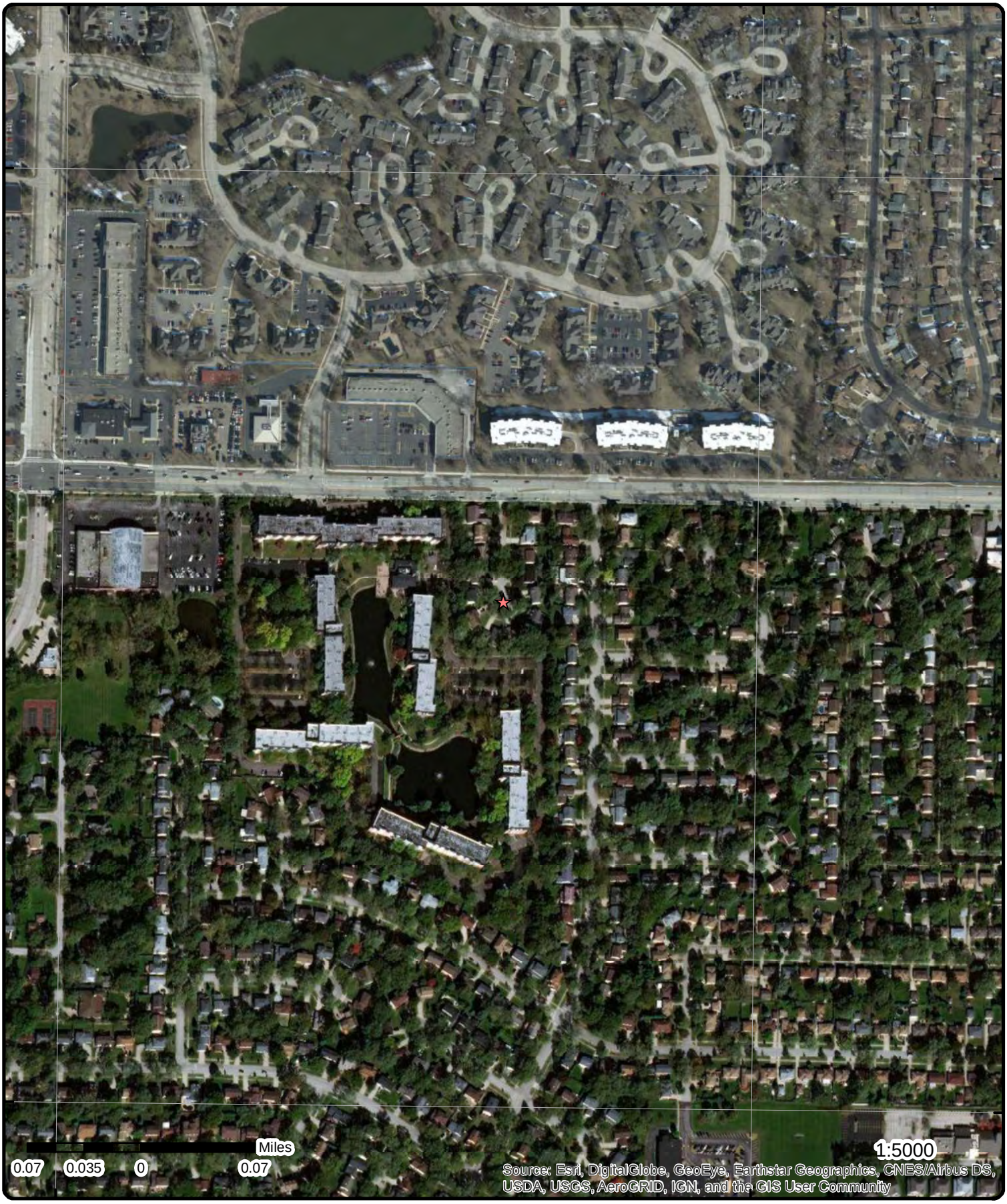
Order Number: 20191101099

Address: Saxon, IL

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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		

Source: © 2016 ESRI



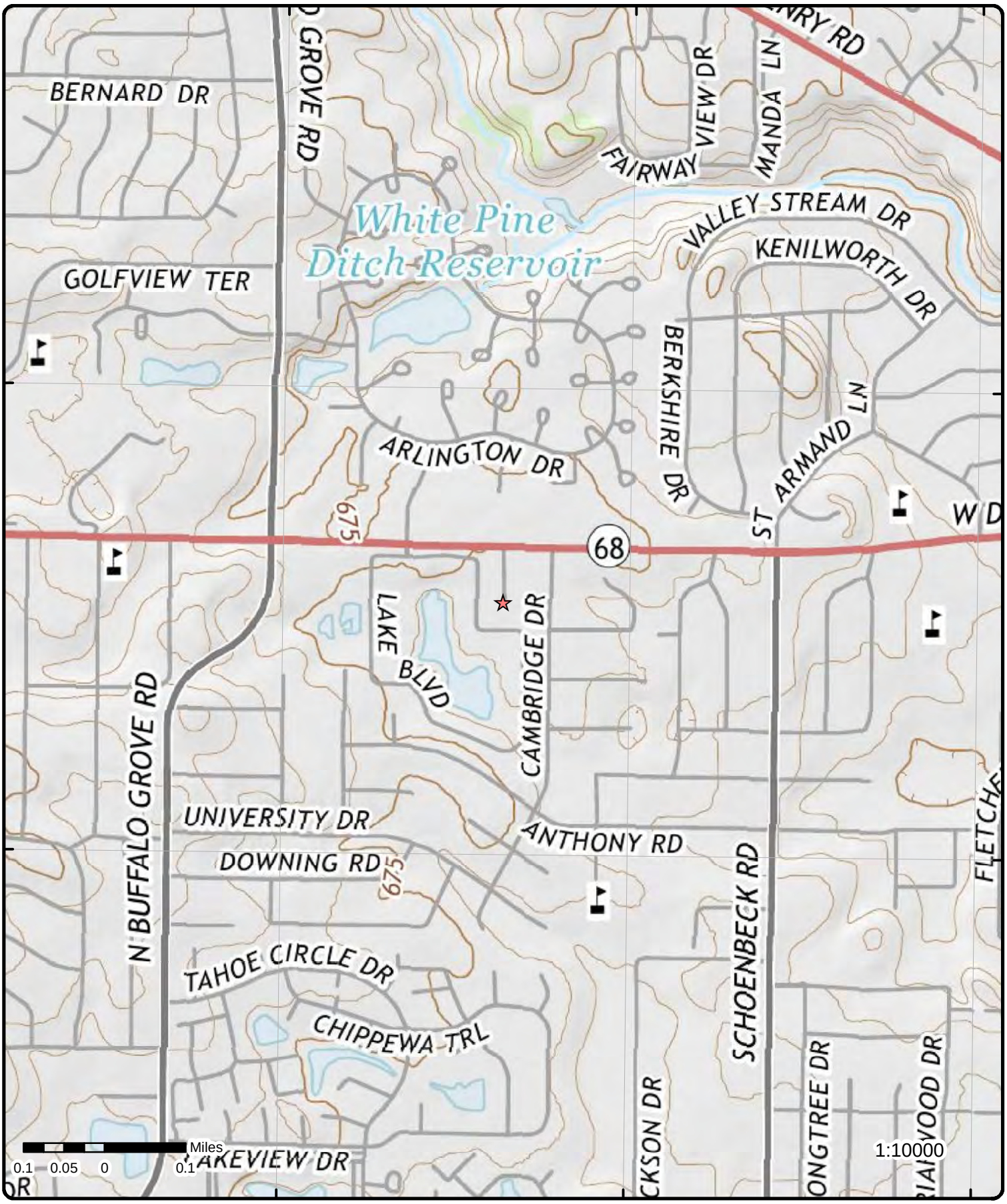
Aerial **Year: 2017**

Address: Saxon, IL

Source: ESRI World Imagery

Order Number: 20191101099

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Year: 2015

Address: Saxon, IL

Quadrangle(s): Wheeling,IL

Source: USGS Topographic Map

Order Number: 20191101099

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 1	N	0.06 / 335.71	674.93 / 2	309 DUNDEE 309 DUNDEE WHEELING IL 60090	FINDS/FRS

Registry ID: 110040762270
FIPS Code: 17031
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 22-APR-2010 10:05:47
Update Date: 29-DEC-2014 16:26:22
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude: 42.139391
Longitude: -87.923592
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110040762270
Program Acronyms:

ACES:170001845010

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	1 of 6	NW	0.17 / 886.25	675.92 / 3	GK CLEANERS 35 HUNTINGTON LANE WHEELING IL 60090	RCRA SQG

EPA Handler ID: ILD984784314

Gen Status Universe:	Small Quantity Generator
Contact Name:	GEZA KOVACS
Contact Address:	35 HUNTINGTON LANE , , WHEELING , IL, 60090 , US
Contact Phone No and Ext:	708-537-0772
Contact Email:	
Contact Country:	US
County Name:	COOK
EPA Region:	05
Land Type:	
Receive Date:	19900501

Violation/Evaluation Summary

Note:	NO RECORDS: As of August 2019, 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 Handler Details

Sequence No:	1
Receive Date:	19900501
Handler Name:	GK CLEANERS
Generator Status Universe:	Small Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	F002
Waste Code Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR

THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	
Name:	KOVACS GEZA	***Street 2:***	
Date Became Current:		***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	
Source Type:	Notification	***Zip Code:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	2 of 6	NW	0.17 / 886.25	675.92 / 3	GK CLEANERS 35 HUNTINGTON LANE WHEELING IL 60090-6908	FINDS/FRS

Registry ID:	110005873297
FIPS Code:	17031
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	01-MAR-2000 00:00:00
Update Date:	26-JAN-2012 13:24:52
Interest Types:	SQG, STATE MASTER
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	
Census Block Code:	
EPA Region Code:	05
County Name:	COOK
US/Mexico Border Ind:	
Latitude:	42.139455
Longitude:	-87.955325
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110005873297
Program Acronyms:	

ACES:170000259850, RCRAINFO:ILD984784314

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	3 of 6	NW	0.17 / 886.25	675.92 / 3	GK CLEANERS 35 HUNTINGTON LANE WHEELING IL 60090-6908	DELISTED DRYCLEANERS

License: 3026-0922-01
DC No: DC-00056
Owner Contact: YOON BONG HUH
Expire: 12/31/17
Original Source: DRYC
Record Date: 18-DEC-2017

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	4 of 6	NW	0.17 / 886.25	675.92 / 3	G-K Cleaners 35 Huntington Lane Wheeling IL 60090	SRP

I EPA ID: 0314975130
US EPA ID: ILD984784314
County: Cook
Longitude: -87.954370
Latitude: 42.139200

Site Applicant / Consultant Information

RA Title: Mr.
RA First Name: Mark
RA Last Name: Brennan
RA Address1: 2215 York Road
RA Address2: Suite 503
RA City: Oak Brook, IL
RA Zip: 60523
Consultant Contact: David J. Patton
RA Company: Edgemark Asset Management, LLC
Consultant Company: ATC Group Services LLC
Received SA Date: 7/18/2017 12:00:00 AM
PM ID: Todd Hall
Foury Letter Date:
Active Site: No
Consultant Address1: 1815 South Meyers Road
Consultant Address2: Suite 670
Consultant City: Oakbrook Terrace, IL
Consultant Zip: 60181

Letter Information

NFR Site Name: G-K Cleaners
NFR Letter Date: 5/1/2018 12:00:00 AM
Effective: True
NFR Recorded Date: 5/24/2018 12:00:00 AM
Comp Focus: Focused
RA First Name: Mark
RA Last Name: Brennan
RA Company: Edgemark Asset Management, LLC
RA Address1: 2215 York Road
RA Address2: Suite 503
RA City: Oak Brook, IL
RA Zip: 60523
Acres: 0.0820
Ordinance: No
Indust Commercial: Yes
Worker Caution: No
Slab on Grade: Yes
BCT: Yes
Inst Control Other: No
Building Slab: No
Asphalt Used: No
Concrete Used: No
Clean Soil Three ft: No
Clean Soil Ten ft: No
Alternate Barrier: No
Other Barrier: No
ELUC Other: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

ELUC Groundwater Use Restrict: No
Groundwater Use Restriction: Yes
Highway Authority Agreement: No
Land Use: Industrial/Commercial

---

2 | **5 of 6** | **NW** | **0.17 / 886.25** | **675.92 / 3** | **G-K Cleaners**
35 Huntington Lane
Wheeling IL 60090 | **ENG**

I EPA ID: 0314975130
US EPA ID: ILD984784314
County: Cook
Longitude: -87.954370
Latitude: 42.139200

Site Applicant / Consultant Information

Active Site: No
RA Title: Mr.
RA First Name: Mark
RA Last Name: Brennan
RA Address1: 2215 York Road
RA Address2: Suite 503
RA City: Oak Brook, IL
RA Zip: 60523
RA Company: Edgemark Asset Management, LLC
Consultant Company: ATC Group Services LLC
Consultant Contact: David J. Patton
Consultant Address1: 1815 South Meyers Road
Consultant Address2: Suite 670
Consultant City: Oakbrook Terrace, IL
Consultant Zip: 60181
PM ID: Todd Hall
Received SA Date: 7/18/2017 12:00:00 AM
Foury Letter Date:

Letters Information

NFR Site Name: G-K Cleaners
NFR Letter Date: 5/1/2018 12:00:00 AM
Effective: True
NFR Recorded Date: 5/24/2018 12:00:00 AM
Comp Focus: Focused
RA First Name: Mark
RA Last Name: Brennan
RA Company: Edgemark Asset Management, LLC
RA Address1: 2215 York Road
RA Address2: Suite 503
RA City: Oak Brook, IL
RA Zip: 60523
Acres: 0.0820
Ordinance: No
ELUC Groundwater Use Restrict: No
Groundwater Use Restriction: Yes
Highway Authority Agreement: No
Land Use: Industrial/Commercial
Indust Commercial: Yes
Worker Caution: No
Slab on Grade: Yes
BCT: Yes
Inst Control Other: No
Building Slab: No
Asphalt Used: No
Concrete Used: No
Clean Soil Three ft: No
Clean Soil Ten ft: No
Alternate Barrier: No
Other Barrier: No
ELUC Other: No

---

2 | **6 of 6** | **NW** | **0.17 / 886.25** | **675.92 / 3** | **G-K Cleaners**
35 Huntington Lane
Wheeling IL 60090 | **INST**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

I EPA ID:	0314975130	**Longitude:**	-87.954370
US EPA ID:	ILD984784314	**Latitude:**	42.139200
County:	Cook		

Site Applicant / Consultant Information

RA Title:	Mr.	**Received SA Date:**	7/18/2017 12:00:00 AM
RA First Name:	Mark	**PM ID:**	Todd Hall
RA Last Name:	Brennan	**Foury Letter Date:**	
RA Company:	Edgemark Asset Management, LLC	**Active Site:**	No
RA Address1:	2215 York Road	**Consultant Address1:**	1815 South Meyers Road
RA Address2:	Suite 503	**Consultant Address2:**	Suite 670
RA City:	Oak Brook, IL	**Consultant City:**	Oakbrook Terrace, IL
RA Zip:	60523	**Consultant Zip:**	60181
Consultant Contact:	David J. Patton		
Consultant Company:	ATC Group Services LLC		

Letters Information

NFR Site Name:	G-K Cleaners	**Indust Commercial:**	Yes
NFR Letter Date:	5/1/2018 12:00:00 AM	**Worker Caution:**	No
Effective:	True	**Slab on Grade:**	Yes
NFR Recorded Date:	5/24/2018 12:00:00 AM	**BCT:**	Yes
Comp Focus:	Focused	**Inst Control Other:**	No
RA First Name:	Mark	**Building Slab:**	No
RA Last Name:	Brennan	**Asphalt Used:**	No
RA Company:	Edgemark Asset Management, LLC	**Concrete Used:**	No
RA Address1:	2215 York Road	**Clean Soil Three ft:**	No
RA Address2:	Suite 503	**Clean Soil Ten ft:**	No
RA City:	Oak Brook, IL	**Alternate Barrier:**	No
RA Zip:	60523	**Other Barrier:**	No
Acres:	0.0820	**ELUC Other:**	No
Ordinance:	No		
ELUC Groundwater Use Restrict:	No		
Groundwater Use Restriction:	Yes		
Highway Authority Agreement:	No		
Land Use:	Industrial/Commercial		

3	*1 of 2*	*WNW*	*0.20 / 1,041.77*	*674.91 / 2*	***LUX CARS CHICAGO INC 88 E DUNDEE RD BUFFALO GROVE IL 60089***	***RCRA CESQG***

EPA Handler ID:	ILR000195826
Gen Status Universe:	Conditionally Exempt Small Quantity Generator
Contact Name:	BENEDICT LABINOV
Contact Address:	88 E DUNDEE RD , , BUFFALO GROVE , IL, 60089 , US
Contact Phone No and Ext:	847-947-2900
Contact Email:	BEN@LUXCARSCHICAGO.COM
Contact Country:	US

County Name: COOK
EPA Region: 05
Land Type: Private
Receive Date: 20170905

Violation/Evaluation Summary

Note: NO RECORDS: As of August 2019, 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 Handler Details

Sequence No: 1
Receive Date: 20170905
Handler Name: LUX CARS CHICAGO INC
Generator Status Universe: Conditionally Exempt Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: BENEDICT LABINOV
Date Became Current: 20131120
Date Ended Current:
Street No:
Street 1: 88 E DUNDEE RD
Street 2:
City: BUFFALO GROVE
State: IL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	60089
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	4120 RIDGELAND LN
Name:	TATYANA POVOROZNIOUK	**Street 2:**	
Date Became Current:	20170905	**City:**	NORTHBROOK
Date Ended Current:		**State:**	IL
Phone:	847-687-0306	**Country:**	US
Source Type:	Notification	**Zip Code:**	60062

3	2 of 2	WNW	0.20 / 1,041.77	674.91 / 2	LUX CARS CHICAGO INC 88 E DUNDEE RD BUFFALO GROVE IL 60089	FINDS/FRS

Registry ID:	110070124011
FIPS Code:	17031
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	17-OCT-2017 10:38:29
Update Date:	
Interest Types:	CESQG
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	
Census Block Code:	
EPA Region Code:	05
County Name:	COOK
US/Mexico Border Ind:	
Latitude:	42.13889
Longitude:	-87.95655
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110070124011
Program Acronyms:	

RCRAINFO:ILR000195826

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	1 of 1	NE	0.22 / 1,150.96	670.64 / -2	EVALANCE CYCLE INC 1307 OAKMEADOW CT WHEELING IL 60090	FINDS/FRS

Registry ID: 110056309962
FIPS Code: 17031
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 27-NOV-2013 13:28:36
Update Date:
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude: 42.140229
Longitude: -87.950274
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110056309962
Program Acronyms:

ACES:170002007646

Unplottable Summary

Total: 59 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
ERNS		OFF OF LAKE STREET	IL		807096877
ERNS		ARLINGTON MARKET DRYDEN ROAD	ARLINGTON HEIGHTS IL	60004	806762352
ERNS		ARLINGTON HEIGHTS ROAD	ARLINGTON HEIGHTS IL		806554000
ERNS		LAKE-COOK ROAD BETWEEN MILWAUKEE AVE & NORTH GATE ROAD	WHEELING IL		806542632
ERNS		ARLINGTON HEIGHTS AVE	ARLINGTON HEIGHTS IL		806986130
ERNS			ARLINGTON HEIGHTS IL	60005	807233675
ERNS		LAKE COOK RD NEAR MILWAUKEE AVE	BUFFALO GROVE IL		807176120
ERNS		ARLINGTON PARK METROLINK COMMUTER,STATION	ARLINGTON HEIGHTS IL		807059909
ERNS		LAKE MICHAGAN	IL		806555904
ERNS		MP: 23.08 SD: HARVARD	ARLINGTON HEIGHTS IL		858630727
ERNS		MILWAUKEE AVE NORTH OF LAKE COOK RD	BUFFALO GROVE IL		806764021

FINDS/FRS	COOK COUNTY HWY DEPT	LAKE COOK RD & WI CENTRAL RR	WHEELING IL	60090	817560967
FINDS/FRS	YUS CLEANERS	23 W DUNDEE	WHEELING IL	60090-4863	817569544
FINDS/FRS	LONGFELLOW SCHOOL	501 N ARLINGTON H RD	BUFFALO GROVE IL	60089	817467522
FINDS/FRS	PLOTE INC.	LAKE-COOK RD. W. OF PORTWINE	WHEELING IL	60090	817561712
FINDS/FRS	WHEELING INDUSTRIAL CLINIC	315 E DUNDEE RD	WHEELING IL	60090	817562373
FINDS/FRS	KC CLEANERS	926W. DUNDEE RD.	ARLINGTON HEIGHTS IL	60004-7823	817476986
FINDS/FRS	TARGET STORE 1385	1400 E LAKE COOK RD	WHEELING IL	60090	817562264
FINDS/FRS	VACANT LOT	SW CORNER ARLINGTON HGTS RD AN	ARLINGTON HEIGHTS IL	60005	817483100
FINDS/FRS	BUFFALO GROVE PWS	COOK RD E OF ARLINGTON HEIGHTS RD	BUFFALO GROVE IL	60089	821549227
FINDS/FRS	VACANT LOT	ARLINGTON HT SW COR	ARLINGTON HEIGHTS IL	60005	817483101
FINDS/FRS	WHEELING CLEANERS	277 E DUNDEE RD	WHEELING IL	60090	817562371
FINDS/FRS	COOK COUNTY BRIDGE	LAKE COOK RD	WHEELING IL	60090	817560271
FINDS/FRS	CHEVY CHASE SEWER & WATER CO	RTE 21, .5 M N OF LAKE-COOK RD	WHEELING IL	60090	817565205
HMIRS		EAST LAKE/COOK RD	BUFFALO GROVE IL		818292439

LUST DOCUMENT	Mueller Property	Rand & Arlington Height	Arlington Heights IL	60004	878543612
PRP	PROFILE PRODUCTS LLC	750 LAKE COOK ROAD SUITE 440	BUFFALO GROVE IL	60089	860591156
RCRA NON GEN	MOTOROLA INC	852 TO 890 HASTINGS LAKE	BUFFALO GROVE IL	60089	810107211
RCRA NON GEN	COOK COUNTY BRIDGE	LAKE COOK RD OVR WI CENTRAL RR	WHEELING IL	60090	810113792
RCRA SQG	VACANT LOT	SW CORNER ARLINGTON HGTS RD AN	ARLINGTON HEIGHTS IL	60005	810680227
SEMS ARCHIVE	ARLINGTON HEIGHTS MUNICIPAL LANDFILL	ARLINGTON HTS ROAD & NORTH DUNDEE ROAD	ARLINGTON HEIGHTS IL	60008	828874178
SPILLS	SHELL OIL COMPANY	934 SOUTH ARLINGTON HTGS	ARLINGTON HEIGHTS IL		813011813
SPILLS	Commonwealth Edison	55 W. Dundee	Buffalo Grove IL		878608893
SPILLS	Unknown	Arlington Heights Branch of Salt Creek @ Dundee Rd & Northwest Highway	Palatine & Barrington IL		822049991
SPILLS	Ahmet Tuzik	2737 W Glenlake	Chicago IL		878608759
SPILLS2	UNKNOWN	IN ARLINGTON HEIGHTS	ARLINGTON HEIGHTS IL		825137074
SPILLS2	UNKNOWN	NEAR ARLINGTON HEIGHTS	ARLINGTON HEIGHTS IL		822438412
SPILLS2	TEMPO 2 CO.	DEER VALLEY RD 1 MI N OF LAKE-COOK RD	WHEELING IL		813051456
SPILLS2	HONEYWELL	NEAR ARLINGTON HEIGHTS	ARLINGTON HEIGHTS IL		822436281

SPILLS2	RAIN-RD CONSTRUCTION	LAKE SIDE CIRCLE TOWN HOUSE COMPLEX	WHEELING IL	825139302
SPILLS2	VILLAGE OF ARLINGTON HEIGHTS	LAKE COOK ROAD [CREEK ON N. END NEAR TERRAMERE SUBDIVISION]	ARLINGTON HEIGHTS IL	822437756
SPILLS2	RAIN-RD CONSTRUCTION	LAKE SIDE CIRCLE TOWN HOUSE COMPLEX	WHEELING IL	822437988
SPILLS2	UNKNOWN	IN ARLINGTON HEIGHTS	ARLINGTON HEIGHTS IL	813052620
UST	Arlington Palce Apartments	200 Arlington Place Arlington Heights, IL 60004	IL	813462869
UST	Westgate School	1211 Westgate Arlington Heights, IL 60005	IL	813483976
UST	Arlington Heights South Citgo	1650 West Algonquin Road Arlington Heights, IL 60005	IL	813466268
UST	Willoway Terrace, LP	2300 Oakton Street Arlington Heights, IL 60005	IL	813485534
UST	Vacant Lot	Sw Crnr Of Arlngtn Hts Rd & Davis St Arlington Heights, IL 60005	IL	813451350
UST	M.G. Electric Service Company	1450 East Algonquin Road Arlington Heights, IL 60005	IL	813485887
UST	Auto Repair Shop	400 Northwest Hwy Arlington Heights, IL 60004	IL	813466404
UST	Cook County School Bus, Inc.	1910 S. Busse Road Arlington Heights, IL 60005	IL	813469413
UST	St. Peter Lutheran Church and School	111 Olive Street Arlington Heights, IL 60004	IL	813456580
UST	Amoco SS #5395 Facility #13140	Central & State Arlington Heights, IL 60005	IL	813480376

UST	Amoco SS 15693 Facility 24660	Sec Rand & Camp McDonald Arlington Heights, IL 60004	IL	813447865
UST	Shell Service Station	934 South Arlington & Central Arlington Heights, IL 60005	IL	813484569
UST	Speed O Matic Printing Inc	3109 W Devon Avenue Arlington Heights, IL 60004	IL	813457414
UST	Mueller Property	Rand And Arlington Heights Arlington Heights, IL 60004	IL	813473209
UST	Marathon Unit #2252	1545 S Wilkie & Algonquin Arlington Heights, IL 60004	IL	813482098
UST	Arling Corporation	1600 Rand Rd Arlington Heights, IL 60004	IL	813450207

Unplottable Report

Site:

OFF OF LAKE STREET IL

ERNS

NRC Report No:	883971	***Latitude Degrees:***	
Type of Incident:	RAILROAD	***Latitude Minutes:***	
Incident Cause:	DERAILMENT	***Latitude Seconds:***	
Incident Date:	9/15/2008 11:39:00 AM	***Longitude Degrees:***	
Incident Location:	RAIL YARD	***Longitude Minutes:***	
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:	No	***Location Section:***	
Year:	Year 2008 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		

Description of Incident: CALLER IS REPORTING A SPILL OF DIESEL FUEL FROM A DERAILMENT, DUE TO UNKNOWN CAUSES. AN INVESTIGATION IS UNDERWAY.

Material Spill Information

Chris Code:	ODS	***Unit of Measure:***	GALLON(S)
CAS No:	000000-00-0	***If Reached Water:***	NO
UN No:		***Amount in Water:***	
Name of Material:	OIL: DIESEL	***Unit Reach Water:***	
Amount of Material:	25		

Calls Information

Date Time Received:	9/15/2008 4:12:35 PM	***Responsible City:***	
Date Time Complete:	9/15/2008 4:24:51 PM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:		***Source:***	TELEPHONE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	U
NPDES:		***Airbag Deployed:***	U
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	PROBISO
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	U
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:		***Structure Oper:***	U
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	

Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:		***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	UNK
DOT Crossing No:		***Passenger Delay:***	UNK
DOT Regulated:	U	***Sub Part C Test Req:***	UNK
Pipeline Type:		***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	
Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:	14.68	***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:		***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	Y	***State Agen Report No:***	RR-2008-0075
Release Rate:		***State Agen on Scene:***	NONE
Release Rate Unit:		***State Agen Notified:***	OEM, MWRD
Release Rate Rate:		***Fed Agency Notified:***	NONE
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	INVESTIGATION UNDERWAY AND RERAILMENT IN PROGRESS.	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	PARTLY CLOUDY
Radius of Evacu:		***Air Temperature:***	62
Any Injuries:	N	***Wind Direction:***	W
No. Injured:		***Wind Speed:***	3
No. Hospitalized:		***Wind Speed Unit:***	MPH
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	N	***Water Temperature:***	
Any Damages:	U	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	
Waterway Close Time:		***Passengers Transfer:***	NO
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:	NONE	***Sheen Odor Desc:***	
Medium Desc:	BALLAST	***Duration Unit:***	
Addl Medium Info:		***Additional Info:***	NO ADDITIONAL INFORMATION.

Site:

ARLINGTON MARKET DRYDEN ROAD ARLINGTON HEIGHTS IL 60004

ERNS

NRC Report No:	236295	***Latitude Degrees:***	
Type of Incident:	FIXED	***Latitude Minutes:***	
Incident Cause:	OPERATOR ERROR	***Latitude Seconds:***	

Incident Date:	4/22/1994 4:30:00 PM	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	DISCOVERED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:		***Location Section:***	
Year:	Year 1994 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		

Description of Incident: CALLER STATE THAT LOWES SERVICES IS REMOVING ASBESTOS FM BUILDINGAGAINST REGULATIONS/

Material Spill Information

Chris Code:	NCC	***Unit of Measure:***	UNKNOWN AMOUNT
CAS No:		***If Reached Water:***	YES
UN No:		***Amount in Water:***	0
Name of Material:	ASBESTOS	***Unit Reach Water:***	UNKNOWN AMOUNT
Amount of Material:	0		

Calls Information

Date Time Received:	4/23/1994 1:28:47 AM	***Responsible City:***	ARLINGTON HEIGHTS
Date Time Complete:	4/23/1994 1:40:07 AM	***Responsible State:***	IL
Call Type:	INC	***Responsible Zip:***	60004
Resp Company:	WALGREENS	***Source:***	UNAVAILABLE
Resp Org Type:	PRIVATE ENTERPRISE		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:	UNKNOWN	***Structure Oper:***	Y
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:	UNKNOWN	***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:	UNKNOWN	***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	U	***Yard Foreman Test:***	
Railroad Hotline:	No	***RCL Operator Test:***	
Railroad Milepost:	UNKNOWN	***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	

Ty Vehicle Involved:	UNKNOWN	***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	NONE/ CALLER MADE WALGREENS MANAGER AWARE OF SITUATION	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	U	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	U	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	N
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:		***Sheen Odor Desc:***	
Medium Desc:	AIR	***Duration Unit:***	
Addl Medium Info:	ATMOSPHERE	***Additional Info:***	CALLER STATES THAT RP REMOVING MATERIAL DURING NIGHT HOURSLOADING VEHICLE LICENSE NUMBER 175MZ IL/

Site:

ARLINGTON HEIGHTS ROAD ARLINGTON HEIGHTS IL

ERNS

NRC Report No:	469616	***Latitude Degrees:***	
Type of Incident:	RAILROAD NON-RELEASE	***Latitude Minutes:***	
Incident Cause:	OPERATOR ERROR	***Latitude Seconds:***	
Incident Date:	1/4/1999 3:16:00 PM	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:		***Location Section:***	
Year:	Year 1999 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		
Description of Incident:	WESTBOUND CHICAGO COMMUTER TRAIN COLLIDED WITH AUTO DUE TO FAILURE OFGRADE CROSSING WARNING DEVICE / NO DERAILMENT		

Calls Information

Date Time Received:	1/5/1999 11:37:58 AM	***Responsible City:***	
Date Time Complete:	1/5/1999 12:01:58 PM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:		***Source:***	UNAVAILABLE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:	UNKNOWN	***Structure Oper:***	Y
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:	UNKNOWN	***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:	UNKNOWN	***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	U	***Yard Foreman Test:***	
Railroad Hotline:	No	***RCL Operator Test:***	
Railroad Milepost:	22.31	***Brakeman Test:***	
Grade Crossing:	Y	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:	UNKNOWN	***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	NONE	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	U	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	U	***Water Temperature:***	

Any Damages:	U	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	N
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:		***Sheen Odor Desc:***	
Medium Desc:	RAIL REPORT (N/A)	***Duration Unit:***	
Addl Medium Info:		***Additional Info:***	NO INJURIES/FATALITIES / DAMAGED BUMBER TO AUTO / TRACK SPEED:70MPHTRAIN SPEED 20 - 40MPH / TRACK AND ROAD CLEARED / DOT DEVICE#176923K

Site:

LAKE-COOK ROAD BETWEEN MILWAUKEE AVE & NORTH GATE ROAD WHEELING IL ERNS

NRC Report No:	608460	***Latitude Degrees:***	
Type of Incident:	UNKNOWN SHEEN	***Latitude Minutes:***	
Incident Cause:	UNKNOWN	***Latitude Seconds:***	
Incident Date:	6/4/2002 6:30:00 PM	***Longitude Degrees:***	
Incident Location:	UNMARKED LAKE < LAKE	***Longitude Minutes:***	
Incident Dtg:	DISCOVERED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:		***Location Section:***	
Year:	Year 2002 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	LAKE		
Description of Incident:	THE CALLER REPORTED UNKNOWN SHEEN IN THE WATER		

Material Spill Information

Chris Code:	OUN	***Unit of Measure:***	UNKNOWN AMOUNT
CAS No:	000000-00-0	***If Reached Water:***	YES
UN No:		***Amount in Water:***	0
Name of Material:	UNKNOWN OIL	***Unit Reach Water:***	UNKNOWN AMOUNT
Amount of Material:	0		

Calls Information

Date Time Received:	6/4/2002 9:53:36 PM	***Responsible City:***	
Date Time Complete:	6/4/2002 10:00:46 PM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:		***Source:***	TELEPHONE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	

Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:	UNKNOWN	***Structure Oper:***	U
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:	UNKNOWN	***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:		***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	
Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:		***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:		***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	NONE	***Body of Water:***	LAKE < LAKE
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	N	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	N	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	N
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	

Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	RAINBOW
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:	NONE	***Sheen Odor Desc:***	KEROSENE
Medium Desc:	WATER	***Duration Unit:***	
Addl Medium Info:	LAKE < LAKE	***Additional Info:***	THE CALLER STATED RELEASE GOES FROM ONE LAKE TO ANOTHER LAKE AND IS LOCATED IN BETWEEN LAKE AND COOK COUNTY. THE CALLER STATED IT LOOKS LIKE SOMEONE DUMPED KEROSENE INTO WATER.

Site:

ARLINGTON HEIGHTS AVE ARLINGTON HEIGHTS IL

ERNS

NRC Report No:	426669	***Latitude Degrees:***	
Type of Incident:	RAILROAD NON-RELEASE	***Latitude Minutes:***	
Incident Cause:	OTHER	***Latitude Seconds:***	
Incident Date:	3/3/1998 1:15:00 AM	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:		***Location Section:***	
Year:	Year 1998 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		

Description of Incident: PASSENGER TRAIN TRAVELING WEST STRUCK A VEHICLE AT A GRADE CROSSINGPROTECTED BY GATES AND LIGHTS (BEING INSPECTED)

Calls Information

Date Time Received:	3/3/1998 3:05:14 AM	***Responsible City:***	
Date Time Complete:	3/3/1998 3:08:25 AM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:		***Source:***	UNAVAILABLE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:	UNKNOWN	***Structure Oper:***	Y
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	

Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:	UNKNOWN	***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:	UNKNOWN	***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	U	***Yard Foreman Test:***	
Railroad Hotline:	No	***RCL Operator Test:***	
Railroad Milepost:	22.31	***Brakeman Test:***	
Grade Crossing:	Y	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:	UNKNOWN	***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	NONE	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	Y	***Wind Direction:***	
No. Injured:	1	***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	U	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	N
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:		***Sheen Odor Desc:***	
Medium Desc:	RAIL REPORT (N/A)	***Duration Unit:***	
Addl Medium Info:		***Additional Info:***	THE INJURED PERSON MAY HAVE BEEN KILLED (UNKNOWN AT THIS TIME)INJURY WAS TO THE OCCUPANT OF THE VEHICLE /REPORT UPDATED 0537 03MAR98

Site:

ARLINGTON HEIGHTS IL 60005

ERNS

NRC Report No:	560822	***Latitude Degrees:***	
Type of Incident:	FIXED	***Latitude Minutes:***	
Incident Cause:	UNKNOWN	***Latitude Seconds:***	
Incident Date:	3/27/2001 8:00:00 AM	***Longitude Degrees:***	

Incident Location:	BETWEEN CENTRAL AND GULF ROAD ON ARLINGTON HEIGHTS ROAD OFF OF 210 EAST NOIES	***Longitude Minutes:***	
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:		***Location Section:***	
Year:	Year 2001 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		
Description of Incident:	CALLER STATED THAT THE IL DOT IS DUMPING OIL DOWN THE SEWER SYSTEM		

Material Spill Information

Chris Code:	OWA	***Unit of Measure:***	UNKNOWN AMOUNT
CAS No:	000000-00-0	***If Reached Water:***	YES
UN No:		***Amount in Water:***	0
Name of Material:	WASTE OIL	***Unit Reach Water:***	UNKNOWN AMOUNT
Amount of Material:	0		

Chris Code:	EGL	***Unit of Measure:***	UNKNOWN AMOUNT
CAS No:	000107-21-1	***If Reached Water:***	YES
UN No:		***Amount in Water:***	0
Name of Material:	ETHYLENE GLYCOL	***Unit Reach Water:***	UNKNOWN AMOUNT
Amount of Material:	0		

Calls Information

Date Time Received:	3/27/2001 9:30:35 AM	***Responsible City:***	ARLINGTON HEIGHTS
Date Time Complete:	3/27/2001 9:40:47 AM	***Responsible State:***	IL
Call Type:	INC	***Responsible Zip:***	60005
Resp Company:	IL DOT	***Source:***	TELEPHONE
Resp Org Type:	STATE GOVERNMENT		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:		***Brake Failure:***	U
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	U
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:	UNKNOWN	***Structure Oper:***	U
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	N	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:	UNKNOWN	***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:		***Conductor Test:***	

Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	N	***Trainman Test:***	
Exposed Underwater:	U	***Yard Foreman Test:***	
Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:		***Brakeman Test:***	
Grade Crossing:	U	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:		***Oth Employee Test:***	
Device Operational:	U	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	NONE	***Body of Water:***	SEWER SYSTEM
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	N	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	N
Any Fatalities:	N	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	N
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:	NONE	***Sheen Odor Desc:***	
Medium Desc:	WATER	***Duration Unit:***	
Addl Medium Info:	SEWER SYSTEM	***Additional Info:***	CALLER STATED THIS HAPPENES EVERYDAY

Site:

LAKE COOK RD NEAR MILWAUKEE AVE BUFFALO GROVE IL

ERNS

NRC Report No:	231358	***Latitude Degrees:***	
Type of Incident:	FIXED	***Latitude Minutes:***	
Incident Cause:	UNKNOWN	***Latitude Seconds:***	
Incident Date:	3/23/1994 11:30:00 AM	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	DISCOVERED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:		***Location Section:***	
Year:	Year 1994 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		

Description of Incident: CALLER STATES THAT THERE IS CONSTRUCTION NEAR RIVER AND ALL BYPRODUCTSOF CONST ARE

ENTERING RIVER (DIRT,SEDIMENT, WATER)

Material Spill Information

Chris Code:	UNK	***Unit of Measure:***	UNKNOWN AMOUNT
CAS No:		***If Reached Water:***	YES
UN No:		***Amount in Water:***	0
Name of Material:	UNKNOWN MATERIAL	***Unit Reach Water:***	UNKNOWN AMOUNT
Amount of Material:	0		

Calls Information

Date Time Received:	3/23/1994 12:33:17 PM	***Responsible City:***	WHEELING
Date Time Complete:	3/23/1994 12:37:20 PM	***Responsible State:***	IL
Call Type:	INC	***Responsible Zip:***	
Resp Company:	UNKNOWN CONSTRUCTION CO	***Source:***	UNAVAILABLE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:	UNKNOWN	***Structure Oper:***	Y
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:	UNKNOWN	***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:	UNKNOWN	***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	U	***Yard Foreman Test:***	
Railroad Hotline:	No	***RCL Operator Test:***	
Railroad Milepost:	UNKNOWN	***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:	UNKNOWN	***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:		***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	

Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	NONE	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:		***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	
Who Evacuated:		***Weather Conditions:***	
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	U	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	
Any Fatalities:	U	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:		***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:		***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:		***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:		***Sheen Size Length:***	
Track Closed:		***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:		***Sheen Odor Desc:***	
Medium Desc:	WATER	***Duration Unit:***	
Addl Medium Info:	DES PLAINES RIVER	***Additional Info:***	

Site:

ARLINGTON PARK METROLINK COMMUTER,STATION ARLINGTON HEIGHTS IL ERNS

NRC Report No:	470904	***Latitude Degrees:***	
Type of Incident:	RAILROAD	***Latitude Minutes:***	
Incident Cause:	OTHER	***Latitude Seconds:***	
Incident Date:	1/18/1999 8:27:00 AM	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:		***Location Section:***	
Year:	Year 1999 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		

Description of Incident: A METRO TRAIN STRUCK A PEDESTRIAN AT A STATION ON A CROSSWALK / TRACKAND TRAIN SPEED UNKNOWN

Calls Information

Date Time Received:	1/18/1999 9:59:38 AM	***Responsible City:***	
Date Time Complete:	1/18/1999 10:04:45 AM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:		***Source:***	UNAVAILABLE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	

Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:	UNKNOWN	***Structure Oper:***	Y
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:	UNKNOWN	***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:	UNKNOWN	***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	U	***Yard Foreman Test:***	
Railroad Hotline:	No	***RCL Operator Test:***	
Railroad Milepost:	24.2	***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:	UNKNOWN	***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	NONE	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	U	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:	1	***Water Supp Contam:***	U
Any Fatalities:	Y	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	N
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	

Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:		***Sheen Odor Desc:***	
Medium Desc:	RAIL REPORT (N/A)	***Duration Unit:***	
Addl Medium Info:		***Additional Info:***	HARVARD SUBDIVISION / FATALITY WAS TO THE PEDESTRIAN DUE TO IMPACT /PROTECTIVE DEVICES: FLASHERS, CONDITION UNKNOWN

Site:

LAKE MICHAGAN IL

ERNS

NRC Report No:	760921	***Latitude Degrees:***	42
Type of Incident:	AIRCRAFT	***Latitude Minutes:***	5
Incident Cause:	UNKNOWN	***Latitude Seconds:***	
Incident Date:	6/3/2005 2:15:00 PM	***Longitude Degrees:***	87
Incident Location:		***Longitude Minutes:***	15
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	N
Distance Units:		***Long Quad:***	W
Potential Flag:		***Location Section:***	
Year:	Year 2005 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		

Description of Incident: CALLER FROM THE CITY OF CHICAGO OEM STATED AN AIRLINER HAD TO DUMP ITS FUEL INTO LAKE MICHIGAN DUE TO THE PLANE HITTING RUBBER AND METAL ON THE RUNWAY DUE TO UNKNOWN CAUSES DURING TAKE OFF. PLANE RETURNED TO THE RUNWAY AND DUMPED FUEL AS A PRECAUTION INTO LAKE MICHIGAN.

Material Spill Information

Chris Code:	JPO	***Unit of Measure:***	POUND(S)
CAS No:	000000-00-0	***If Reached Water:***	YES
UN No:		***Amount in Water:***	310000
Name of Material:	JET FUEL: JP-1 (KEROSENE)	***Unit Reach Water:***	POUND(S)
Amount of Material:	310000		

Calls Information

Date Time Received:	6/3/2005 4:08:29 PM	***Responsible City:***	
Date Time Complete:	6/3/2005 4:24:59 PM	***Responsible State:***	IL
Call Type:	INC	***Responsible Zip:***	
Resp Company:	UNITED AIRLINES	***Source:***	TELEPHONE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	

Aircraft ID:	UAL881	***Allision:***	N
Aircraft Runway No:	14 RIGHT	***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:	COMMERCIAL	***Structure Oper:***	U
Aircraft Model:	747	***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:		***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:		***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	
Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:		***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:		***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	Y	***State Agen Report No:***	NONE
Release Rate:		***State Agen on Scene:***	NONE
Release Rate Unit:		***State Agen Notified:***	FIRE, OEM
Release Rate Rate:		***Fed Agency Notified:***	NONE
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	NO ACTION HAS BEEN TAKEN.	***Body of Water:***	LAKE MICHIGAN
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	PARTLY CLOUDY
Radius of Evacu:		***Air Temperature:***	66
Any Injuries:	N	***Wind Direction:***	ESE
No. Injured:		***Wind Speed:***	7
No. Hospitalized:		***Wind Speed Unit:***	MPH
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	N	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	N
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:	NONE	***Sheen Odor Desc:***	
Medium Desc:	WATER	***Duration Unit:***	
Addl Medium Info:	LAKE MICHIGAN	***Additional Info:***	CALLER DID NOT HAVE ALL OF THE

INFORMATION.

Site:

MP: 23.08 SD: HARVARD ARLINGTON HEIGHTS IL

ERNS

NRC Report No:	1138640	***Latitude Degrees:***	
Type of Incident:	RAILROAD NON-RELEASE	***Latitude Minutes:***	
Incident Cause:	OTHER	***Latitude Seconds:***	
Incident Date:	1/21/2016 2:33:00 PM	***Longitude Degrees:***	
Incident Location:	PASSENGER ROUTE	***Longitude Minutes:***	
Incident Dtg:	DISCOVERED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:	No	***Location Section:***	
Year:	Year 2016 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		

Description of Incident: THE CALLER IS REPORTING A COMMUTER TRAIN VERSUS PASSENGER VEHICLE (UNKNOWN TYPE) AT A GRADE CROSSING. THE CALLER STATED THAT THERE IS ONE REPORTED FATALITY TO THE OCCUPANT OF THE VEHICLE. CALLER STATED THAT CONFIRMATION OF THE FATALITY WAS AT 444 CDT/1644 LOCAL TIME.

Calls Information

Date Time Received:	1/21/2016 5:53:29 PM	***Responsible City:***	
Date Time Complete:	1/21/2016 6:00:16 PM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:		***Source:***	TELEPHONE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	U
NPDES:		***Airbag Deployed:***	U
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	HARVARD
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:		***Structure Oper:***	U
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:		***Passenger Handling:***	CALLER STATED IT IS UNKNOWN HOW THE PASSENGERS WILL BE HANDLED.
Type of Fuel:		***Passenger Route:***	YES
DOT Crossing No:	176927M	***Passenger Delay:***	YES
DOT Regulated:	U	***Sub Part C Test Req:***	UNK
Pipeline Type:		***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	

Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:	23.08	***Brakeman Test:***	
Grade Crossing:	Y	***Train Dispat Test:***	
Crossing Device Ty:	GATES	***Signalman Test:***	
Ty Vehicle Involved:	UNKNOWN	***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	RC20160010
Release Rate:		***State Agen on Scene:***	LOCAL RESPONDERS
Release Rate Unit:		***State Agen Notified:***	OEM
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	INVESTIGATION UNDERWAY.	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	UNKNOWN
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	N	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:	1	***Water Supp Contam:***	U
Any Fatalities:	Y	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	1
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	Y	***Sheen Size Length U:***	
Track Desc:	TRIPLE MAIN	***Sheen Size Width:***	
Track Closure Time:	2.5	***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:	ALL	***Dir of Sheen Travel:***	
Media Interest:	UNKNOWN	***Sheen Odor Desc:***	
Medium Desc:	RAIL REPORT (N/A)	***Duration Unit:***	
Addl Medium Info:	/GRADE CROSSING INCIDENT	***Additional Info:***	

Site:

MILWAUKEE AVE NORTH OF LAKE COOK RD BUFFALO GROVE IL ERNS

NRC Report No:	245081	***Latitude Degrees:***	
Type of Incident:	MOBILE	***Latitude Minutes:***	
Incident Cause:	UNKNOWN	***Latitude Seconds:***	
Incident Date:	6/20/1994 1:00:00 PM	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:		***Location Section:***	
Year:	Year 1994 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	LAKE		
Description of Incident:	FUEL TANK ON TRUCK / THE RELEASE OCCURRED AS THE RESULT OF A MULTIVEHICLE ACCIDENT		

Material Spill Information

Chris Code:	ODS	***Unit of Measure:***	GALLON(S)
CAS No:		***If Reached Water:***	YES
UN No:		***Amount in Water:***	100
Name of Material:	OIL: DIESEL	***Unit Reach Water:***	GALLON(S)
Amount of Material:	100		

Calls Information

Date Time Received:	6/20/1994 3:21:39 PM	***Responsible City:***	
Date Time Complete:	6/20/1994 3:30:00 PM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:		***Source:***	UNAVAILABLE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:	UNKNOWN	***Structure Oper:***	Y
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:	UNKNOWN	***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:	UNKNOWN	***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	U	***Yard Foreman Test:***	
Railroad Hotline:	No	***RCL Operator Test:***	
Railroad Milepost:	UNKNOWN	***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:	UNKNOWN	***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	CREWS ON SCENE	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	

Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	U	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	U	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	N
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:		***Sheen Odor Desc:***	
Medium Desc:	WATER	***Duration Unit:***	
Addl Medium Info:	DESPLAINES RIVER	***Additional Info:***	MILWAUKEE AVE HAS BEEN CLOSED INDEFINITELY

Site: ***COOK COUNTY HWY DEPT***
LAKE COOK RD & WI CENTRAL RR WHEELING IL 60090

FINDS/FRS

Registry ID:	110024856798
FIPS Code:	17031
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	10-JUN-2006 11:23:27
Update Date:	16-MAY-2008 11:07:34
Interest Types:	STATE MASTER
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	
Census Block Code:	
EPA Region Code:	05
County Name:	COOK
US/Mexico Border Ind:	
Latitude:	
Longitude:	
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110024856798
Program Acronyms:	

ACES:170000406692

Site: ***YUS CLEANERS***
23 W DUNDEE WHEELING IL 60090-4863

FINDS/FRS

Registry ID:	110005866848
FIPS Code:	17031
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	01-MAR-2000 00:00:00
Update Date:	26-JAN-2012 13:41:45
Interest Types:	SQG, STATE MASTER
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	
Census Block Code:	
EPA Region Code:	05
County Name:	COOK
US/Mexico Border Ind:	
Latitude:	42.139536
Longitude:	-87.916362
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110005866848
Program Acronyms:	

ACES:170000254356, RCRAINFO:ILD982638926

Site: ***LONGFELLOW SCHOOL***
501 N ARLINGTON H RD BUFFALO GROVE IL 60089

FINDS/FRS

Registry ID:	110002025442
FIPS Code:	17097
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	01-MAR-2000 00:00:00
Update Date:	09-JAN-2015 15:39:29
Interest Types:	AIR MINOR, STATE MASTER
SIC Codes:	8211
SIC Code Descriptions:	ELEMENTARY AND SECONDARY SCHOOLS
NAICS Codes:	611110
NAICS Code Descriptions:	ELEMENTARY AND SECONDARY SCHOOLS.
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	
Census Block Code:	
EPA Region Code:	05
County Name:	LAKE

US/Mexico Border Ind:
Latitude: 42.162988
Longitude: -87.984871
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002025442
Program Acronyms:

ACES:170000037181, AIR:IL000031418AAD, AIRS/AFS:1703101073

Site: ***PLOTE INC.***
LAKE-COOK RD. W. OF PORTWINE WHEELING IL 60090 FINDS/FRS

Registry ID: 110007051858
FIPS Code: 17031
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 01-MAR-2000 00:00:00
Update Date: 09-JAN-2015 17:46:00
Interest Types: AIR MINOR, STATE MASTER
SIC Codes: 9999
SIC Code Descriptions: NONCLASSIFIABLE ESTABLISHMENTS
NAICS Codes: 212312
NAICS Code Descriptions: CRUSHED AND BROKEN LIMESTONE MINING AND QUARRYING.
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110007051858
Program Acronyms:

ACES:170000065809, AIR:IL000031823AAN, AIRS/AFS:1703103388

Site: ***WHEELING INDUSTRIAL CLINIC***
315 E DUNDEE RD WHEELING IL 60090 FINDS/FRS

Registry ID: 110018473285
FIPS Code: 17031
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 19-OCT-2004 20:01:31
Update Date: 18-MAR-2006 17:13:01
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:

NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude: 42.13973
Longitude: -87.90823
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110018473285
Program Acronyms:

ACES:170000492474

Site: ***KC CLEANERS***
926W. DUNDEE RD. ARLINGTON HEIGHTS IL 60004-7823

FINDS/FRS

Registry ID: 110001225246
FIPS Code: 17031
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 01-MAR-2000 00:00:00
Update Date: 01-JUN-2017 17:14:03
Interest Types: AIR EMISSIONS CLASSIFICATION UNKNOWN, AIR MINOR, SQG, STATE MASTER
SIC Codes: 7216
SIC Code Descriptions: DRYCLEANING PLANTS, EXCEPT RUG CLEANING
NAICS Codes: 812320
NAICS Code Descriptions: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED).
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude: 42.139116
Longitude: -87.994708
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110001225246
Program Acronyms:

ACES:170000036814, AIR:IL000031403AAD, AIRS/AFS:1703103269, EIS:2714411, RCRAINFO:ILD984849968

Site: ***TARGET STORE 1385***
1400 E LAKE COOK RD WHEELING IL 60090

FINDS/FRS

Registry ID: 110022813268
FIPS Code: 17031
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 06-OCT-2005 14:09:54
Update Date: 28-MAR-2014 23:02:38
Interest Types: HAZARDOUS WASTE BIENNIAL REPORTER, SQG, STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes: 452112
NAICS Code Descriptions: DISCOUNT DEPARTMENT STORES.
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude: 42.15332
Longitude: -87.95081
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110022813268
Program Acronyms:

ACES:170001611021, BR:ILR000137083, RCRAINFO:ILR000137083

Site: ***VACANT LOT***
SW CORNER ARLINGTON HGTS RD AN ARLINGTON HEIGHTS IL 60005

FINDS/FRS

Registry ID: 110007557777
FIPS Code: 17031
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 01-MAR-2000 00:00:00
Update Date: 26-JAN-2012 16:12:55
Interest Types: SQG
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:

Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110007557777
Program Acronyms:

RCRAINFO:ILR000045062

Site: ***BUFFALO GROVE PWS***
COOK RD E OF ARLINGTON HEIGHTS RD BUFFALO GROVE IL 60089

FINDS/FRS

Registry ID: 110058226254
FIPS Code: 17031
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 22-MAR-2014 08:36:06
Update Date:
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110058226254
Program Acronyms:

ACES:170002023600

Site: ***VACANT LOT***
ARLINGTON HT SW COR ARLINGTON HEIGHTS IL 60005

FINDS/FRS

Registry ID: 110018043035
FIPS Code: 17031
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 18-OCT-2004 11:23:17
Update Date: 17-MAR-2006 19:30:22
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:

Census Block Code:
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110018043035
Program Acronyms:

ACES:170000383573

Site: ***WHEELING CLEANERS***
277 E DUNDEE RD WHEELING IL 60090

FINDS/FRS

Registry ID: 110005846816
FIPS Code: 17031
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 01-MAR-2000 00:00:00
Update Date: 26-JAN-2012 13:40:58
Interest Types: STATE MASTER, UNSPECIFIED UNIVERSE
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude: 42.1397
Longitude: -87.90935
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110005846816
Program Acronyms:

ACES:170000237107, RCRAINFO:ILD114544224

Site: ***COOK COUNTY BRIDGE***
LAKE COOK RD WHEELING IL 60090

FINDS/FRS

Registry ID: 110012271932
FIPS Code: 17031
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location: OVR WI CENTRAL RR
Create Date: 01-MAR-2000 00:00:00
Update Date: 26-JAN-2012 16:24:23

Interest Types:	HAZARDOUS WASTE BIENNIAL REPORTER, UNSPECIFIED UNIVERSE
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	
Census Block Code:	
EPA Region Code:	05
County Name:	COOK
US/Mexico Border Ind:	
Latitude:	
Longitude:	
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110012271932
Program Acronyms:	

BR:ILR000112136, RCRAINFO:ILR000112136

Site: ***CHEVY CHASE SEWER & WATER CO***
RTE 21, .5 M N OF LAKE-COOK RD WHEELING IL 60090

FINDS/FRS

Registry ID:	110054184654
FIPS Code:	17097
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	21-NOV-2012 13:30:14
Update Date:	29-DEC-2014 15:24:31
Interest Types:	STATE MASTER
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	
Census Block Code:	
EPA Region Code:	05
County Name:	LAKE
US/Mexico Border Ind:	
Latitude:	
Longitude:	
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110054184654
Program Acronyms:	

ACES:170001957407

Site:

EAST LAKE/COOK RD BUFFALO GROVE IL

Incident County: COOK

HMIR Incident Reports

Report No:	I-1994041246	***Fed DOT Agency Nm:***	
Report Type:	A hazardous material incident	***Fed DOT Report No:***	
Date of Incident:	04/14/1994	***Report Submit Src:***	Paper
Time of Incident:	1315	***Inc Multiple Rows:***	No
Haz Class Code:	3	***Inc Non US State:***	
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID	***Mode Transport:***	Highway
Commodity Short Nm:	GASOLINE INCLUDES GASOLI	***Transport Phase:***	UNLOADING
Commodity Long Nm:	GASOLINE INCLUDES GASOLINE MIXED WITH ETHYL ALCOHOL WITH NOT MORE THAN 10% ALCOHOL	***Incident Occrrnce:***	
Trade Name:		***Mat Ship Approval?:***	No
ID No:	UN1203	***Mat Ship Approv No:***	
Haz Waste Ind:	No	***Undecl Hazmat Ship?:***	No
Haz Waste EPA No:		***Packaging Type:***	Cargo Tank Motor Vehicle (CTMV)
HMIS Tox Inhalation?:	No	***Packing Group:***	
TIH Hazard Zone:		***Carrier Reporter:***	SHELL OIL COMPANY
Qty Released:	277	***CR Street Name:***	150 N DAIRY ASHFORD RD A
Unit of Measure:	LGA	***CR City:***	HOUSTON
What Failed:		***CR State:***	TX
What Failed Desc:		***CR Postal Code:***	77079-1116
How Failed Code:		***CR Non US State:***	
How Failed Desc:		***CR Fed DOT ID:***	0
Failure Cause Code:	508	***CR Hazmat Reg ID:***	
Failure Cause Desc:	Defective Component or Device	***CR Country:***	US
Ident. Markings:		***Shipper Name:***	SHELL OIL COMPANY
Cont1 Pkging Type:		***Shipper Street Name:***	150 N DAIRY ASHFORD RD A
Cont1 Const Mat:		***Shipper City:***	HOUSTON
Cont1 Head Type:		***Shipper State:***	TX
Cont1 Pkg Capacity:	9000	***Shipper Postal:***	77079-1116
C1 Capacity UOM:	LGA	***Shipper Non US St:***	
Cont1 Pkg Amt:		***Shipper Country:***	US
C1 Pkg Amt UOM:		***Shipper Waybill:***	BL# 225333
Cont1 Pkg No:	1	***Ship Hazmat Reg ID:***	
C1 Pkg NO Failed:	1	***Origin City:***	ARLINGTON HEIGHTS
Cont1 Pkg Mnfctr:	HEIL COMPANY	***Origin State:***	ILLINOIS
Cont1 Pkg Mnfct Dt:		***Origin Postal:***	60005
Cont1 Pkg Serial NO:	1HLA3A7B25	***Origin Non US St:***	
C1 Pkg Last Test Dt:		***Origin Country:***	US
C1 Test Const Mat:		***Destination City:***	BUFFALO GROVE
C1 Pkg Dsign Pres.:		***Destination State:***	ILLINOIS
C1 Dsign Press UOM:		***Destination Postal:***	
C1 Pkg Shell Thick:		***Destination Non US:***	
C1 Shell Thick UOM:		***Destination Country:***	US
C1 Head Thickness:		***Cont2 Package Type:***	
C1 Head Thick UOM:		***Cont2 Const Mat:***	
C1 Pkg Srvc Pres.:		***Cont2 Pkg Capacity:***	
C1 Srvc Press UOM:		***Cont2 Capacity UOM:***	
C1 Valve/Device Fail?:	No	***Cont2 Pkg Amount:***	
C1 Device Type:		***Cont2 Pkg Amt UOM:***	
C1 Device Mnfctr:		***Cont2 Pkg No:***	
C1 Device Model:		***Cont2 Pkg No Failed:***	
NRC No:			

RAM Pkg Category:		***Haz NonHosp Public:***	0
RAM Pkg Cert.:	FALSE	***Haz NonHosp Old:***	0
RAM Pkg Cert. NBR:		***Tot Haz Non Hosp Inj:***	0
RAM Nuclide S:		***Total Hazmat Injuries:***	0
RAM Transport Index:		***Evacuation Indicator:***	No
RAM UOM:		***Public Evacuated:***	0
RAM Activity Rpted:		***Employees Evac:***	0
RAM UOM Rpted:		***Total Evacuated:***	0
RAM Activity:		***Total Evacuation Hrs:***	0

RAM Activity UOM:		***Major Artery Closed:***	No
RAM Mat Safety:		***Mjr Artery Hrs Closed:***	0
Spillage Result:	Yes	***Material Involved:***	No
Fire Result:	No	***Estimated Speed:***	0
Explosion Result:	No	***Weather Conditions:***	
Water Sewer Result:	No	***Vehicle Overturn:***	No
Gas Dispersion:	No	***Vehicle Left Roadway:***	No
Environment Damage:	No	***Passenger Aircraft:***	No
No Release Result:	No	***Cargo Baggage:***	
Fire EMS Report:	No	***Ship Non Transport:***	No
Fire EMS EMS Report:		***Ship Air First Flight:***	No
Police Report:	No	***Ship Air Subflight:***	No
Police Report No:		***Ship Init Transport:***	No
In House Cleanup:	No	***Ship Phase Transfer:***	No
Other Cleanup:	No	***Contact Name:***	R M HERRERA
Damage > 500:	Yes	***Contact Title:***	PCT SUPT
Material Loss:	192	***Contact Business:***	
Carrier Damage:	0	***Contact Street:***	
Property Damage:	0	***Contact City:***	
Response Cost:	0	***Contact State:***	
Remediation Cost:	1200	***Contact Postal:***	
Damage Old Form:	0	***Contact Non US St:***	
Total Damages Amt:	1392	***Contact Country:***	US
Hazmat Fatality:	No	***Inc. Report Prepared:***	
Haz Fatal Employees:	0	***HMIS Serious Incidnt:***	Yes
Haz Fatal Respndrs:	0	***HMIS Serious Fatality:***	No
Haz Fatal Gen Public:	0	***HMIS Serious Injury:***	No
Tot Hazmat Fatalities:	0	***HMIS Flight Plan:***	No
Non Hazmat Fatality:	No	***HMIS Serious Evacs:***	No
Non Hazmat Fatals:	0	***HMIS Major Artery:***	No
Hazmat Injury:	No	***HMIS Bulk Release:***	Yes
Haz Hospital Empl:	0	***HMIS Marine Pollutnt:***	No
Haz Hospital Resp:	0	***HMIS Radioactive:***	No
Haz Hosp Gen Public:	0	***HMIS Gen Pkg Type:***	OHMIR.Ref_Container.descr_txt
Haz Hosp Old Form:	0	***HMIS Container Code:***	MC306
Total Haz Hosp Inj:	0	***HMIS Container Desc:***	Cargo tanks
Haz Non Hosp Empl:	0	***HMIS Bulk Incident:***	Yes
Haz Non Hosp Resp:	0	***Undeclared Shipment:***	No

Description of Events: WHILE THE CARGO TANKER WAS UNLOADING OF THE SCOTTVILLE STATION THE OVERFILL PROTECTION FLAP ON THE UNDERGROUND STORAGE TANK PREMATURELY CLOSED CAUSING THE DROP FITTING TO COME LOOSE FROM THE FILL-UP. THE FITTING TURNED SIDEWAYS ALLOWING GASOLINE TO SPILL ONTO THE STATION PARKING LOT. THE DRAWER CLOSED ALL OF THE UNLOADING VALVES IMMEDIATELY. BUFFALO GROVE FIRE DEPARTMENT WAS CALLED. HERITAGE ENVIRONMENTAL WAS CALLED OUT TO PERFORM CLEAN-UP. SHELL OIL RETAIL ENGINEERING IS INVESTIGATING CORRECTION ACTION.

Recommend Actions Taken:

Site: ***Mueller Property***
Rand & Arlington Height Arlington Heights IL 60004

LUST DOCUMENT

Site ID:	170000376108	***Interest Type:***	LUST
Program ID:	0314035179	***Media Code:***	LAND
Category:		***Latitude Measure:***	42.11218
Originating Bureau:		***Longitude Measure:***	-87.9808
Name (Doc Search):		***Name (Map):***	Mueller Property
Addr (Doc Search):		***Address (Map):***	Rand & Arlington Height
City (Doc Search):		***City (Map):***	Arlington Heights
State (Doc Search):		***State (Map):***	IL
Zip (Doc Search):		***Postal (Map):***	60004
Document Count:		***Collection Date:***	01/01/2001
Total Pages:			
Category Url:			

Data Source: Illinois EPA mapping service to locate imaged documents

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Site: ***PROFILE PRODUCTS LLC***
750 LAKE COOK ROAD SUITE 440 BUFFALO GROVE IL 60089

PRP

Site EPA ID: GAD981258270

Site Name: CONSTITUTION ROAD DRUM SITE
Site NPL Status: Not on the NPL
Site Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Noticed Party Action Information

Action Type Seq: AC-1
Action Name: ADM ORDR
Action Date: SETTLEMENT DATE 09/26/2006

Site: ***MOTOROLA INC***
852 TO 890 HASTINGS LAKE BUFFALO GROVE IL 60089

RCRA NON GEN

EPA Handler ID: ILD984804971
Gen Status Universe: No Report
Contact Name: ENV COORDINATOR
Contact Address: US
Contact Phone No and Ext: 847-632-7700
Contact Email:
Contact Country: US
County Name: LAKE
EPA Region: 05
Land Type: Private
Receive Date: 20060401

Violation/Evaluation Summary

Note: NO RECORDS: As of August 2019, 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 Handler Details

Sequence No: 1
Receive Date: 19901015
Handler Name: MOTOROLA INC
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 1

Receive Date: 19920301
Handler Name: MOTOROLA INC
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060401
Handler Name: MOTOROLA INC
Generator Status Universe: No Report
Source Type: Annual/Biennial Report update with Notification

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: CHEVY CHASE BUSINESS PK LTD PT
Date Became Current:
Date Ended Current:
Phone:
Source Type: Notification
Street No:
Street 1:
Street 2:
City:
State:
Country:
Zip Code:

Owner/Operator Ind: Current Owner
Type: Private
Name: MOTOROLA INC
Date Became Current: 19000101
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report update with Notification
Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

Owner/Operator Ind: Current Operator
Type: Private
Name: MOTOROLA INC
Date Became Current: 19000101
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report update with Notification
Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

Site: ***COOK COUNTY BRIDGE***
LAKE COOK RD OVR WI CENTRAL RR WHEELING IL 60090

RCRA NON GEN

EPA Handler ID: ILR000112136
Gen Status Universe: No Report
Contact Name: ENV COORDINATOR
Contact Address: US
Contact Phone No and Ext: 312-603-1740
Contact Email:
Contact Country: US
County Name: COOK
EPA Region: 05
Land Type: County
Receive Date: 20060401

Violation/Evaluation Summary

Note: NO RECORDS: As of August 2019, 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 Handler Details

Sequence No:	1
Receive Date:	20020501
Handler Name:	COOK COUNTY BRIDGE
Generator Status Universe:	No Report
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D008
Waste Code Description:	LEAD

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20060401
Handler Name:	COOK COUNTY BRIDGE
Generator Status Universe:	No Report
Source Type:	Annual/Biennial Report update with Notification

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	County	***Street 1:***	
Name:	COOK COUNTY BRIDGE	***Street 2:***	
Date Became Current:	19000101	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	County	***Street 1:***	69 W WASHINGTON
Name:	COOK COUNTY HIGHWAY DEPT	***Street 2:***	
Date Became Current:		***City:***	CHICAGO
Date Ended Current:		***State:***	IL
Phone:	312-603-1740	***Country:***	
Source Type:	Notification	***Zip Code:***	60602
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	County	***Street 1:***	
Name:	COOK COUNTY BRIDGE	***Street 2:***	
Date Became Current:	19000101	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	

Site: ***VACANT LOT***
SW CORNER ARLINGTON HGTS RD AN ARLINGTON HEIGHTS IL 60005

RCRA SQG

EPA Handler ID:	ILR000045062
Gen Status Universe:	Small Quantity Generator
Contact Name:	ELLEN BUTOR
Contact Address:	1400 S WOLF RD BLDG 100 , , WHEELING , IL, 60090 , US
Contact Phone No and Ext:	847-215-5323

Contact Email:
Contact Country: US
County Name: COOK
EPA Region: 05
Land Type: Private
Receive Date: 19971114

Violation/Evaluation Summary

Note: NO RECORDS: As of August 2019, 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 Handler Details

Sequence No: 1
Receive Date: 19971114
Handler Name: VACANT LOT
Generator Status Universe: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: ARLINGTON BLOCK 349 LLC
Date Became Current:
Date Ended Current:
Phone: 847-215-5323
Source Type: Notification
Street No:
Street 1: 1400 S WOLF RD BLDG 100
Street 2:
City: WHEELING
State: IL
Country:
Zip Code: 60090

Site: ***ARLINGTON HEIGHTS MUNICIPAL LANDFILL***
ARLINGTON HTS ROAD & NORTH DUNDEE ROAD ARLINGTON HEIGHTS IL 60008

SEMS ARCHIVE

Site ID: 0500675
EPA ID: ILD980612543
NPL: Not on the NPL
Federal Facility: No
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information
FIPS Code: 17031
Cong District: 10
Region: 05
County: COOK

Action Information

Operable Units:	00	***Start Actual:***	
Action Code:	VS	***Finish Actual:***	06/19/1987
Action Name:	ARCH SITE	***Qual:***	
SEQ:	1	***Curr Action Lead:***	EPA Perf In-Hse
Operable Units:	00	***Start Actual:***	06/01/1981
Action Code:	DS	***Finish Actual:***	06/01/1981
Action Name:	DISCVRY	***Qual:***	
SEQ:	1	***Curr Action Lead:***	EPA Perf
Operable Units:	00	***Start Actual:***	
Action Code:	PA	***Finish Actual:***	06/19/1987
Action Name:	PA	***Qual:***	N
SEQ:	1	***Curr Action Lead:***	St Perf

Site: ***SHELL OIL COMPANY***
934 SOUTH ARLINGTON HTGS ARLINGTON HEIGHTS IL

SPILLS

Incident No:	952126	***Section:***	
Date/Time Occurred:		***Township:***	
Area Involved:	FIXED FACILITY	***Range:***	
Media Release:		***Latitude:***	
Milepost:		***Longutude:***	
County:	COOK		
Facility Manager:			
Fac Manager Phone:			
Responsible Party Street:	1415 WEST 22ND STREET, OAK BROOK,IL 60522		

Hazardous Materials Incident Report

Hazmat Incident Type:	LEAK	***Date Entered:***	
LUST?:		***Entered by:***	
Data Input Status:	CLOSED	***Caller:***	SANDRA GRATCHNER
Incident Report Date:	10/13/1995 10:30:00 AM	***Caller Represents:***	SHELL OIL COMPANY
Street Address:	934 SOUTH ARLINGTON HTGS		
City:	ARLINGTON HEIGHTS		
County:	COOK		
URL:	https://public.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx?RptNum=952126		
Narrative:			

Follow Up Information:

Materials Involved

Name:	GASOLINE	***Cause of Release:***	UNKNOWN
Type:	UNKNOWN	***Est Spill Extent:***	
CHRIS CODE:		***Spill Extent Units:***	
CAS No:		***Date/Time Inc Occur:***	
UN/NA No:		***Unknown Occurr:***	
Container Type:	UNDERGROUND TANK	***Date/Time Discov:***	10/13/95 1030
Container Size:	UNDERGROUND TANK	***Unknown Discovered:***	
Amount Released:	UNKNOWN	***Where Taken:***	-0-
Rate of Release Min:		***On Scene Contact:***	
Duration of Release:		***No of People Evacuat:***	-0-
A 302(a) Extremely Haz Sub?:			
A RCRA Hazardous Waste?:			
A RCRA Regulated Facility?:			
Public Health Risks:	NONE		
State Agency Assistance:			
Containment/Cleanup Plans:			

Site: ***Commonwealth Edison***
55 W. Dundee Buffalo Grove IL

SPILLS

Incident No:	H-2019-0748	***Section:***	N/A
Date/Time Occurred:	2019-07-20 15:00	***Township:***	N/A

Area Involved:	Fixed Facility	***Range:***	N/A
Media Release:	Water	***Latitude:***	42.138834
Milepost:	N/A	***Longutude:***	-87.959923
County:	Cook		
Facility Manager:	N/A		
Fac Manager Phone:	N/A		
Responsible Party Street:	3400 N. California		

Hazardous Materials Incident Report

Hazmat Incident Type:	Leak or spill	***Date Entered:***	
LUST?:	No	***Entered by:***	Kattner, Paul (IEMA)
Data Input Status:	Closed	***Caller:***	Paul Schore
Incident Report Date:	7/20/2019 5:54:29 PM	***Caller Represents:***	Commonwealth Edison
Street Address:	55 W. Dundee		
City:	Buffalo Grove		
County:	Cook		
URL:	https://public.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx?RptNum=H-2019-0748		
Narrative:			

Follow Up Information:

Weather Information

Temp:	90 Degrees
Wind:	Unknown

Materials Involved

Name:	Transformer Oil (Non-PCB)	***Cause of Release:***	Car struck a utility resulting in the transformer falling to the ground and rupturing. This resulted in a transformer oil release. Transormer oil went into a storm drain during a torrential downpour.
Type:	Liquid	***Est Spill Extent:***	Unknown
CHRIS CODE:	Unknown	***Spill Extent Units:***	
CAS No:	Unknown	***Date/Time Inc Occur:***	2019-07-20 15:00
UN/NA No:	Unknown	***Unknown Occurr:***	
Container Type:	Transformer	***Date/Time Discov:***	2019-07-20 15:00
Container Size:	18 Gallons	***Unknown Discovered:***	
Amount Released:	18 Gallons	***Where Taken:***	N/A
Rate of Release Min:	N/A	***On Scene Contact:***	Brian Hanrahan
Duration of Release:	Unknown	***No of People Evacuat:***	0
A 302(a) Extremely Haz Sub?:	No		
A RCRA Hazardous Waste?:	No		
A RCRA Regulated Facility?:	No		
Public Health Risks:	Area was cordoned off due to downed power lines.		
State Agency Assistance:	None		
Containment/Cleanup Plans:	Caller advised that heavy rain flushed the oil through to storm sewer due to the torrential downpour. Sewer will be boomed to collect residual oil. Caller does not know where the storm sewer flows to. PSC Hydrochem (Contractor) will coordinate cleanup and remediation.		

Emergency Units Contacted

Contacted ESDA?:		***Name of Police Dep:***	Buffalo Grove PD
ESDA on Scene?:		***Sheriff Police Dep?:***	
Spec ESDA Agency:		***Sheriff Dep on Scene:***	
Contacted Fire Dep?:		***Name of Sheriff Dep:***	
Fire Dep on Scene?:		***Other Agency ?:***	
Name of Fire Dep:		***Agency on Scene?:***	
Police Dep Contact?:	Yes	***Name of Agency:***	
Police Dep on Scene:	Yes		

Agency or Persons Notified

Agency:	IEPA, OSFM, NRTP, & IEMA Region #4	***Name of Person:***	E-mailed

Date/Time:	2019-07-20 18:05	***Notification Action:***	Report Sent
Agency:	IEPA D/O	***Name of Person:***	Kinsley
Date/Time:	2019-07-20 18:02	***Notification Action:***	Contacted

Site: ***Unknown***
Arlington Heights Branch of Salt Creek @ Dundee Rd & Northwest Highway Palatine & Barrington IL

SPILLS

Incident No:	H-2008-0892	***Section:***	
Date/Time Occurred:		***Township:***	
Area Involved:	Waterway	***Range:***	
Media Release:		***Latitude:***	
Milepost:		***Longutude:***	
County:	Cook		
Facility Manager:			
Fac Manager Phone:			
Responsible Party Street:	Unknown		

Hazardous Materials Incident Report

Hazmat Incident Type:	Water Involvement	***Date Entered:***	
LUST?:		***Entered by:***	Kattner, Paul/Comm Center/IEMA
Data Input Status:	Closed	***Caller:***	Jim Mysiewicz
Incident Report Date:	6/21/2008 6:09:00 PM	***Caller Represents:***	Forest Preserve District
Street Address:	Arlington Heights Branch of Salt Creek @ Dundee Rd & Northwest Highway		
City:	Palatine & Barrington		
County:	Cook		
URL:	https://public.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx?RptNum=H-2008-0892		
Narrative:			

Unknown material in creek, Caller advised that there was no report of a fish kill. 06/21/2008 18:29 (PBK) Advised IEPA D/O Kinsley 06/21 2008 18:35 (PBK) E-mailed report to IEPA, Chicago Fire, NRTP, & IEMA Region #4/IEMA Region #3 **Note: Many records provided by the department have a truncated [Narrative] field.

Follow Up Information:

Weather Information

Temp:	85 degrees
Wind:	Unknown

Materials Involved

Name:	Unknown Milky Teal Color	***Cause of Release:***	Unknown
Type:	Liquid	***Est Spill Extent:***	Unknown
CHRIS CODE:	Unk	***Spill Extent Units:***	
CAS No:	Unknown	***Date/Time Inc Occur:***	
UN/NA No:	Unknown	***Unknown Occurr:***	TRUE
Container Type:	UNKNOWN	***Date/Time Discov:***	6/21/2008 17:00
Container Size:	Unknown	***Unknown Discovered:***	
Amount Released:	Unknown	***Where Taken:***	N/A
Rate of Release Min:	Unknown	***On Scene Contact:***	#1
Duration of Release:		***No of People Evacuat:***	
A 302(a) Extremely Haz Sub?:	Unknown		
A RCRA Hazardous Waste?:	Unknown		
A RCRA Regulated Facility?:	Unknown		
Public Health Risks:	None		
State Agency Assistance:	Caller would like to speak with someone from IEPA to track down the source		
Containment/Cleanup Plans:	Unknown		

Emergency Units Contacted

Contacted ESDA?:		***Name of Police Dep:***	Palatine PD, Forest Prese
ESDA on Scene?:		***Sheriff Police Dep?:***	TRUE
Spec ESDA Agency:		***Sheriff Dep on Scene:***	TRUE

Contacted Fire Dep?:	TRUE	***Name of Sheriff Dep:***	Cook COunty Sheriff's Police
Fire Dep on Scene?:	TRUE	***Other Agency ?:***	TRUE
Name of Fire Dep:	Barrington Fire	***Agency on Scene?:***	TRUE
Police Dep Contact?:	TRUE	***Name of Agency:***	Cook County Forest Preserve Resource Management De
Police Dep on Scene:	TRUE		

Agency or Persons Notified

Agency:		***Name of Person:***	Unknown
Date/Time:	Jan 28 2010 8:12AM	***Notification Action:***	Contacted

---

Site: ***Ahmet Tuzik***
2737 W Glenlake Chicago IL

SPILLS

Incident No:	H-2019-0892	***Section:***	N/A
Date/Time Occurred:		***Township:***	N/A
Area Involved:	Fixed Facility	***Range:***	N/A
Media Release:	Ground	***Latitude:***	41.992184
Milepost:	N/A	***Longutude:***	-87.698402
County:	Cook		
Facility Manager:	Ahmet Tuzik		
Fac Manager Phone:	773/343-9355		
Responsible Party Street:	2737 W Glenlake		

Hazardous Materials Incident Report

Hazmat Incident Type:	Leak or spill	***Date Entered:***	
LUST?:	Yes	***Entered by:***	Kirgan, Ken (IEMA)
Data Input Status:	Closed	***Caller:***	David Streich
Incident Report Date:	8/27/2019 12:39:54 PM	***Caller Represents:***	Chicago Tank Removal
Street Address:	2737 W Glenlake		
City:	Chicago		
County:	Cook		
URL:	https://public.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx?RptNum=H-2019-0892		
Narrative:			

Follow Up Information:

Weather Information

Temp:	n/a
Wind:	n/a

Materials Involved

Name:	Heating Oil	***Cause of Release:***	tank failure due to corrosion
Type:	Liquid	***Est Spill Extent:***	Unknown
CHRIS CODE:	Unknown	***Spill Extent Units:***	
CAS No:	Unknown	***Date/Time Inc Occur:***	
UN/NA No:	Unknown	***Unknown Occurr:***	Yes
Container Type:	Under ground storage tank	***Date/Time Discov:***	2019-08-27 12:00
Container Size:	1-1,000 gallons	***Unknown Discovered:***	
Amount Released:	unknown	***Where Taken:***	none
Rate of Release Min:	Unknown	***On Scene Contact:***	David Streich
Duration of Release:	Unknown	***No of People Evacuat:***	0
A 302(a) Extremely Haz Sub?:	No		
A RCRA Hazardous Waste?:	No		
A RCRA Regulated Facility?:	No		
Public Health Risks:	none		
State Agency Assistance:	none		
Containment/Cleanup Plans:	tank has been removed, Chicago Tank Removal will clean it up.		

Emergency Units Contacted

Contacted ESDA?:		***Name of Police Dep:***	None
ESDA on Scene?:		***Sheriff Police Dep?:***	
Spec ESDA Agency:	None	***Sheriff Dep on Scene:***	
Contacted Fire Dep?:		***Name of Sheriff Dep:***	None
Fire Dep on Scene?:		***Other Agency ?:***	
Name of Fire Dep:	None	***Agency on Scene?:***	Yes
Police Dep Contact?:		***Name of Agency:***	City of Chicago inspector
Police Dep on Scene:			

Agency or Persons Notified

Agency:	IEPA, NRTP, OSFM, CFD, IEMA Region 4	***Name of Person:***	emailed
Date/Time:	2019-08-27 12:43	***Notification Action:***	Report Sent

---

Site: ***UNKNOWN***
IN ARLINGTON HEIGHTS ARLINGTON HEIGHTS IL SPILLS2

Incident ID:	NL820674	***Occured Date:***	
Received Date:	10/27/1982	***Incident LUST:***	
Action:		***Incident County:***	COOK
Action Descrlption:			

Site: ***UNKNOWN***
NEAR ARLINGTON HEIGHTS ARLINGTON HEIGHTS IL SPILLS2

Incident ID:	NL860535	***Occured Date:***	
Received Date:	5/15/1986	***Incident LUST:***	
Action:		***Incident County:***	COOK
Action Descrlption:			

Site: ***TEMPO 2 CO.***
DEER VALLEY RD 1 MI N OF LAKE-COOK RD WHEELING IL SPILLS2

Incident ID:	NL810201	***Occured Date:***	
Received Date:	4/9/1981	***Incident LUST:***	
Action:		***Incident County:***	LAKE
Action Descrlption:			

Site: ***HONEYWELL***
NEAR ARLINGTON HEIGHTS ARLINGTON HEIGHTS IL SPILLS2

Incident ID:	NL740041	***Occured Date:***	
Received Date:	5/2/1974	***Incident LUST:***	
Action:		***Incident County:***	COOK
Action Descrlption:			

Site: ***RAIN-RD CONSTRUCTION***
LAKE SIDE CIRCLE TOWN HOUSE COMPLEX WHEELING IL SPILLS2

Incident ID:	NL830407	***Occured Date:***	
Received Date:	5/28/1983	***Incident LUST:***	
Action:		***Incident County:***	COOK
Action Descrlption:			

Site: ***VILLAGE OF ARLINGTON HEIGHTS***
LAKE COOK ROAD [CREEK ON N. END NEAR TERRAMERE SUBDIVISION] ARLINGTON HEIGHTS IL SPILLS2

Incident ID:	NL850786	***Occured Date:***	

Received Date: 7/17/1985
Action:
Action Descrlption:

Incident LUST:
Incident County: COOK

Site: ***RAIN-RD CONSTRUCTION***
LAKE SIDE CIRCLE TOWN HOUSE COMPLEX WHEELING IL

SPILLS2

Incident ID: NL830407
Received Date: 5/29/1983
Action:
Action Descrlption:

Occured Date:
Incident LUST:
Incident County: COOK

Site: ***UNKNOWN***
IN ARLINGTON HEIGHTS ARLINGTON HEIGHTS IL

SPILLS2

Incident ID: NL820674
Received Date: 10/28/1982
Action:
Action Descrlption:

Occured Date:
Incident LUST:
Incident County: COOK

Site: ***Arlington Palce Apartments***
200 Arlington Place Arlington Heights, IL 60004 IL

UST

Facility No: 2038505
Facility Status: Closed
Facility Type: Residence (Non-Farm)
Motor Fuel Type:
Green Tag Decal:
Green Tag Issue Dt:
Purchase Date:
Type Financial Resp:
Property Parcel:

Green Tag Exp Dt:
Mtr Fuel Perm Insp Dt:
Mtr Fuel Perm Exp Dt:
Fin Resp Rpt Due:
County: Cook

Owner Type: Private
Owner Status: Current Owner
Owner Name: Arplace Limited Partnership
Owner Address: 600 Las Colinas Blvd Suite 1900
Irving, TX 75039
Facility URL: http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2038505&PrintDetail=true
Permit History Link: https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2038505

Tank Information

Tank No: 1
Status: Removed
Removed Date: 6/1/1999
Red Tag Issue Date:
Abandoned Date:
Install Date: 1/1/1988
Last Used Date: 12/22/1998
Capacity: 550
Regulated Status: Federal

Current Age: 11
Product: Diesel Fuel
Product Date:
Petroleum Use: Back-up Generator
CERCLA Substance:
Abandoned Material:
Fee Due: $0.00
OSFM First Noti Dt: 12/22/1998
CAS Code:

Owner Summary

Owner No: U0028315
Owner Name: Arplace Limited Partnership

Owner Status: Current Owner
Purchase Date:

Site: ***Westgate School***
1211 Westgate Arlington Heights, IL 60005 IL

UST

Facility No: 2025709
Facility Status: Closed

Green Tag Exp Dt:
Mtr Fuel Perm Insp Dt:

Facility Type:	School/College	***Mtr Fuel Perm Exp Dt:***	
Motor Fuel Type:		***Fin Resp Rpt Due:***	
Green Tag Decal:		***County:***	Cook
Green Tag Issue Dt:			
Purchase Date:			
Type Financial Resp:			
Property Parcel:			
Owner Type:			
Owner Status:	Current Owner		
Owner Name:	Arlington Heights School Dist 25		
Owner Address:	301 W South St Arlington Heights, IL 60004		
Facility URL:	http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2025709&PrintDetail=true		
Permit History Link:	https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2025709		

Tank Information

Tank No:	2	***Current Age:***	
Status:	Removed	***Product:***	Heating Oil
Removed Date:	8/7/1990	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	Heating Oil
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:		***Fee Due:***	
Capacity:	5000	***OSFM First Noti Dt:***	5/23/1990
Regulated Status:	State	***CAS Code:***	

Tank Information

Tank No:	1	***Current Age:***	
Status:	Removed	***Product:***	Heating Oil
Removed Date:	8/7/1990	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	Heating Oil
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:		***Fee Due:***	
Capacity:	5000	***OSFM First Noti Dt:***	5/23/1990
Regulated Status:	State	***CAS Code:***	

Owner Summary

Owner No:	U0000754	***Owner Status:***	Current Owner
Owner Name:	Arlington Heights School Dist 25	***Purchase Date:***	

Site: ***Arlington Heights South Citgo***
1650 West Algonquin Road Arlington Heights, IL 60005 IL UST

Facility No:	2010502	***Green Tag Exp Dt:***	12/31/2020
Facility Status:	Closed	***Mtr Fuel Perm Insp Dt:***	1/16/2018
Facility Type:	Self-Service Station	***Mtr Fuel Perm Exp Dt:***	12/31/2020
Motor Fuel Type:	Self Service	***Fin Resp Rpt Due:***	6/29/2019
Green Tag Decal:	T000818	***County:***	Cook
Green Tag Issue Dt:	4/3/2018		
Purchase Date:			
Type Financial Resp:	Self-Insurance		
Property Parcel:			
Owner Type:	Private		
Owner Status:	Current Owner		
Owner Name:	Graham C-Stores Co.		
Owner Address:	33978 N. US Hwy 45 P.O Box 89 Gages Lake, IL 600300089		
Facility URL:	http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2010502&PrintDetail=true		
Permit History Link:	https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2010502		

Tank Information

Tank No:	4	***Current Age:***	49
Status:	Removed	***Product:***	Diesel Fuel
Removed Date:	10/24/2018	***Product Date:***	9/1/1969
Red Tag Issue Date:		***Petroleum Use:***	None
Abandoned Date:		***CERCLA Substance:***	
Install Date:	9/1/1969	***Abandoned Material:***	
Last Used Date:	9/23/2018	***Fee Due:***	$0.00
Capacity:	10000	***OSFM First Noti Dt:***	5/5/1986
Regulated Status:	Federal	***CAS Code:***	

Tank Equipment

Equipment Type:	Corrosion Prot - Tank
Last Passing Date:	N/A
Test Expire Date:	N/A
Equipment:	Fiberglass Non-Corrosive
Equipment Type:	Leak Detect - Piping
Last Passing Date:	5/31/2017
Test Expire Date:	5/31/2018
Equipment:	Electronic Pressurized Line Leak Detection Veeder Root TLS 350
Equipment Type:	Corrosion Prot - Piping
Last Passing Date:	2/15/2018
Test Expire Date:	2/15/2021
Equipment:	Sacrificial Anode Flex Connector spike anode
Equipment Type:	Corrosion Prot - Piping
Last Passing Date:	N/A
Test Expire Date:	N/A
Equipment:	Fiberglass Non-Corrosive
Equipment Type:	Overfill Prev Device
Last Passing Date:	
Test Expire Date:	
Equipment:	Overfill Drop Tube Valve OPW 61SO
Equipment Type:	Spill Contain Device
Last Passing Date:	
Test Expire Date:	
Equipment:	Single Wall Spill Bucket EBW 705
Equipment Type:	Tank
Last Passing Date:	N/A
Test Expire Date:	N/A
Equipment:	Fiberglass Single Wall Tank
Equipment Type:	Leak Detect - Tank
Last Passing Date:	
Test Expire Date:	
Equipment:	Automatic Tank Gauging Veeder Root TLS 350 with CSLD
Equipment Type:	Piping
Last Passing Date:	N/A
Test Expire Date:	N/A
Equipment:	Fiberglass Single Wall Piping

Tank Information

Tank No:	5	***Current Age:***	33
Status:	Removed	***Product:***	Gasoline
Removed Date:	10/24/2018	***Product Date:***	8/1/1985
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	8/1/1985	***Abandoned Material:***	
Last Used Date:	9/23/2018	***Fee Due:***	$0.00
Capacity:	10000	***OSFM First Noti Dt:***	5/5/1986
Regulated Status:	Federal	***CAS Code:***	

Tank Equipment

Equipment Type: Corrosion Prot - Tank
Last Passing Date: N/A
Test Expire Date: N/A
Equipment: Fiberglass Non-Corrosive

Equipment Type: Tank
Last Passing Date: N/A
Test Expire Date: N/A
Equipment: Fiberglass Single Wall Tank

Equipment Type: Corrosion Prot - Piping
Last Passing Date: N/A
Test Expire Date: N/A
Equipment: Fiberglass Non-Corrosive

Equipment Type: Leak Detect - Piping
Last Passing Date: 5/31/2017
Test Expire Date: 5/31/2018
Equipment: Electronic Pressurized Line Leak Detection Veeder Root TLS 350

Equipment Type: Overfill Prev Device
Last Passing Date:
Test Expire Date:
Equipment: Overfill Drop Tube Valve OPW 61SO

Equipment Type: Piping
Last Passing Date: N/A
Test Expire Date: N/A
Equipment: Fiberglass Single Wall Piping

Equipment Type: Corrosion Prot - Piping
Last Passing Date: 2/15/2018
Test Expire Date: 2/15/2021
Equipment: Sacrificial Anode Flex Connector spike anode

Equipment Type: Leak Detect - Tank
Last Passing Date:
Test Expire Date:
Equipment: Automatic Tank Gauging Veeder Root TLS 350 with CSLD

Equipment Type: Spill Contain Device
Last Passing Date:
Test Expire Date:
Equipment: Single Wall Spill Bucket EBW 705

Tank Information

Tank No: 2
Status: Removed
Removed Date: 8/20/1991
Red Tag Issue Date:
Abandoned Date:
Install Date: 9/1/1969
Last Used Date: 1/1/1991
Capacity: 1000
Regulated Status: State

Current Age: 21
Product: Heating Oil
Product Date: 9/1/1969
Petroleum Use: Consumptive Use on Premises
CERCLA Substance:
Abandoned Material:
Fee Due:
OSFM First Noti Dt: 5/5/1986
CAS Code:

Tank Information

Tank No: 1
Status: Removed
Removed Date: 8/20/1991
Red Tag Issue Date:
Abandoned Date:
Install Date: 9/1/1969

Current Age: 21
Product: Used Oil
Product Date: 9/1/1969
Petroleum Use:
CERCLA Substance:
Abandoned Material:

Last Used Date:	1/1/1977	***Fee Due:***	$0.00
Capacity:	550	***OSFM First Noti Dt:***	5/5/1986
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	3	***Current Age:***	49
Status:	Removed	***Product:***	Gasoline
Removed Date:	10/24/2018	***Product Date:***	9/1/1969
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	9/1/1969	***Abandoned Material:***	
Last Used Date:	9/23/2018	***Fee Due:***	$0.00
Capacity:	10000	***OSFM First Noti Dt:***	5/5/1986
Regulated Status:	Federal	***CAS Code:***	

Tank Equipment

Equipment Type:	Corrosion Prot - Piping
Last Passing Date:	N/A
Test Expire Date:	N/A
Equipment:	Fiberglass Non-Corrosive

Equipment Type:	Corrosion Prot - Tank
Last Passing Date:	N/A
Test Expire Date:	N/A
Equipment:	Fiberglass Non-Corrosive

Equipment Type:	Leak Detect - Tank
Last Passing Date:	
Test Expire Date:	
Equipment:	Automatic Tank Gauging Veeder Root TLS 350 with CSLD

Equipment Type:	Corrosion Prot - Piping
Last Passing Date:	2/15/2018
Test Expire Date:	2/15/2021
Equipment:	Sacrificial Anode Flex Connector spike anode

Equipment Type:	Leak Detect - Piping
Last Passing Date:	5/31/2017
Test Expire Date:	5/31/2018
Equipment:	Electronic Pressurized Line Leak Detection Veeder Root TLS 350

Equipment Type:	Piping
Last Passing Date:	N/A
Test Expire Date:	N/A
Equipment:	Fiberglass Single Wall Piping

Equipment Type:	Spill Contain Device
Last Passing Date:	
Test Expire Date:	
Equipment:	Single Wall Spill Bucket EBW 705

Equipment Type:	Overfill Prev Device
Last Passing Date:	
Test Expire Date:	
Equipment:	Overfill Drop Tube Valve OPW 61SO

Equipment Type:	Tank
Last Passing Date:	N/A
Test Expire Date:	N/A
Equipment:	Fiberglass Single Wall Tank

Owner Summary

Owner No:	U0024806	***Owner Status:***	Former Owner
Owner Name:	Graham-C-Stores	***Purchase Date:***	2/3/1998

Owner No:	U0025946	***Owner Status:***	Former Owner
Owner Name:	P.D.V. Midwest Refining L.L.C.	***Purchase Date:***	6/17/1997
Owner No:	U0025940	***Owner Status:***	Current Owner
Owner Name:	Graham C-Stores Co.	***Purchase Date:***	
Owner No:	U0015441	***Owner Status:***	Former Owner
Owner Name:	The Uno Ven Company	***Purchase Date:***	12/31/1967

IEMA Numbers

Permit No:	01422-2018REM
IEMA No:	18-0892
IEMA Link:	http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=20180892
Inspection Date:	10/24/2018
Inspection Type:	Removal Log
Permit No:	
IEMA No:	91-2095
IEMA Link:	http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=912095
Inspection Date:	8/20/1991
Inspection Type:	Removal Log

LUST Fund Eligibility

IEMA No:	20180892	***OSFM Response Dt:***	11/21/2018
Status:	Eligible	***Deductible:***	$5,000
OSFM Received Date:	11/21/2018	***Letter:***	https://webapps.sfm.illinois.gov/USTPortal/Utility/DownloadFile/nvCpOMR_I1vctv56kGqkWBtUNmtLOjnSaKA3Ywpscxk1
IEMA Link:	http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=2020180892		
IEMA No:	91-2095	***OSFM Response Dt:***	7/28/1998
Status:	Eligible	***Deductible:***	$10,000
OSFM Received Date:	7/2/1998	***Letter:***	
IEMA Link:	http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=912095		

Site: ***Willoway Terrace, LP***
2300 Oakton Street Arlington Heights, IL 60005 IL

UST

Facility No:	2014809	***Green Tag Exp Dt:***	
Facility Status:	Closed	***Mtr Fuel Perm Insp Dt:***	
Facility Type:	Other Special Service District	***Mtr Fuel Perm Exp Dt:***	
Motor Fuel Type:		***Fin Resp Rpt Due:***	
Green Tag Decal:		***County:***	Cook
Green Tag Issue Dt:			
Purchase Date:			
Type Financial Resp:			
Property Parcel:			
Owner Type:			
Owner Status:	Current Owner		
Owner Name:	Willoway Terrace, LP		
Owner Address:	2300 Oakton Street Arlington Heights, IL 60005		
Facility URL:	http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2014809&PrintDetail=true		
Permit History Link:	https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2014809		

Tank Information

Tank No:	6	***Current Age:***	22
Status:	Removed	***Product:***	Gasoline
Removed Date:	4/5/2005	***Product Date:***	1/1/1983
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	1/1/1983	***Abandoned Material:***	
Last Used Date:	1/1/1992	***Fee Due:***	$0.00
Capacity:	550	***OSFM First Noti Dt:***	2/23/2005

Regulated Status: Federal
CAS Code:

Tank Information

Tank No: 4
Status: Removed
Removed Date: 4/5/2005
Red Tag Issue Date:
Abandoned Date: 6/1/1983
Install Date:
Last Used Date: 6/1/1983
Capacity: 300
Regulated Status: Exempt
Current Age:
Product: Gasoline
Product Date:
Petroleum Use:
CERCLA Substance:
Abandoned Material: Inert Materials
Fee Due:
OSFM First Noti Dt: 4/18/1986
CAS Code:

Tank Information

Tank No: 1
Status: Removed
Removed Date: 12/1/1986
Red Tag Issue Date:
Abandoned Date:
Install Date:
Last Used Date:
Capacity: 500
Regulated Status: Exempt
Current Age:
Product: Gasoline
Product Date:
Petroleum Use:
CERCLA Substance:
Abandoned Material:
Fee Due:
OSFM First Noti Dt: 4/18/1986
CAS Code:

Tank Information

Tank No: 3
Status: Removed
Removed Date: 4/5/2005
Red Tag Issue Date:
Abandoned Date: 6/1/1983
Install Date:
Last Used Date: 6/1/1983
Capacity: 300
Regulated Status: Exempt
Current Age:
Product: Gasoline
Product Date:
Petroleum Use:
CERCLA Substance:
Abandoned Material: Inert Materials
Fee Due:
OSFM First Noti Dt: 4/18/1986
CAS Code:

Tank Information

Tank No: 5
Status: Removed
Removed Date: 4/5/2005
Red Tag Issue Date:
Abandoned Date:
Install Date:
Last Used Date: 12/1/1973
Capacity: 1000
Regulated Status: Exempt
Current Age:
Product: Heating Oil
Product Date:
Petroleum Use: Consumptive Use on Premises
CERCLA Substance:
Abandoned Material:
Fee Due:
OSFM First Noti Dt: 4/18/1986
CAS Code:

Tank Information

Tank No: 2
Status: Removed
Removed Date: 4/5/2005
Red Tag Issue Date:
Abandoned Date: 6/1/1983
Install Date:
Last Used Date: 6/1/1983
Capacity: 300
Regulated Status: Exempt
Current Age:
Product: Gasoline
Product Date:
Petroleum Use:
CERCLA Substance:
Abandoned Material: Inert Materials
Fee Due:
OSFM First Noti Dt: 4/18/1986
CAS Code:

Owner Summary

Owner No: U0016476
Owner Status: Current Owner

Owner Name: Willoway Terrace, LP ***Purchase Date:***

IEMA Numbers

Permit No: 00089-2005REM
IEMA No: 05-0462
IEMA Link: http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=20050462
Inspection Date: 4/5/2005
Inspection Type: Removal Log

Permit No: 00089-2005REM
IEMA No: 05-0461
IEMA Link: http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=20050461
Inspection Date: 4/5/2005
Inspection Type: Removal Log

Site: ***Vacant Lot***
Sw Crnr Of Arlngtn Hts Rd & Davis St Arlington Heights, IL 60005 IL UST

Facility No: 2035904
Facility Status: Exempt
Facility Type: None
Motor Fuel Type:
Green Tag Decal:
Green Tag Issue Dt:
Purchase Date:
Type Financial Resp:
Property Parcel:
Owner Type:
Owner Status: Current Owner
Owner Name: Arlington Block 349 Llc
Owner Address: 1400 S Wolf Rd Bldg 100
Wheeling, IL 60090
Facility URL: http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2035904&PrintDetail=true
Permit History Link: https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2035904

Green Tag Exp Dt:
Mtr Fuel Perm Insp Dt:
Mtr Fuel Perm Exp Dt:
Fin Resp Rpt Due:
County: Cook

Tank Information

Tank No: 1
Status: Removed
Removed Date: 10/3/1997
Red Tag Issue Date:
Abandoned Date:
Install Date:
Last Used Date: 12/1/1973
Capacity: 1500
Regulated Status: Exempt

Current Age:
Product: Gasoline
Product Date:
Petroleum Use:
CERCLA Substance:
Abandoned Material:
Fee Due:
OSFM First Noti Dt: 7/24/1997
CAS Code:

Tank Information

Tank No: 2
Status: Pre 1974
Removed Date:
Red Tag Issue Date:
Abandoned Date:
Install Date:
Last Used Date: 12/1/1973
Capacity: 1000
Regulated Status: Exempt

Current Age:
Product: Gasoline
Product Date:
Petroleum Use:
CERCLA Substance:
Abandoned Material:
Fee Due:
OSFM First Noti Dt: 7/24/1997
CAS Code:

Owner Summary

Owner No: U0026178
Owner Name: Arlington Block 349 Llc

Owner Status: Current Owner
Purchase Date:

Site: ***M.G. Electric Service Company***
1450 East Algonquin Road Arlington Heights, IL 60005 IL

UST

Facility No:	2015924	***Green Tag Exp Dt:***	
Facility Status:	Closed	***Mtr Fuel Perm Insp Dt:***	
Facility Type:	None	***Mtr Fuel Perm Exp Dt:***	
Motor Fuel Type:		***Fin Resp Rpt Due:***	
Green Tag Decal:		***County:***	Cook
Green Tag Issue Dt:			
Purchase Date:			
Type Financial Resp:			
Property Parcel:			
Owner Type:			
Owner Status:	Current Owner		
Owner Name:	M G Electric Ser Co		
Owner Address:	1450 E Algonquin Rd Arlington Heights, IL 60005		
Facility URL:	http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2015924&PrintDetail=true		
Permit History Link:	https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2015924		

Tank Information

Tank No:	1	***Current Age:***	15
Status:	Removed	***Product:***	Gasoline
Removed Date:	1/18/2000	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	1/15/1985	***Abandoned Material:***	
Last Used Date:	12/20/1998	***Fee Due:***	$0.00
Capacity:	500	***OSFM First Noti Dt:***	4/8/1986
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	2	***Current Age:***	15
Status:	Removed	***Product:***	Gasoline
Removed Date:	1/18/2000	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	1/15/1985	***Abandoned Material:***	
Last Used Date:	12/20/1998	***Fee Due:***	$0.00
Capacity:	500	***OSFM First Noti Dt:***	4/8/1986
Regulated Status:	Federal	***CAS Code:***	

Owner Summary

Owner No:	U0010215	***Owner Status:***	Current Owner
Owner Name:	M G Electric Ser Co	***Purchase Date:***	

IEMA Numbers

Permit No:	03659-1999REM
IEMA No:	00-0097
IEMA Link:	http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=20000097
Inspection Date:	1/18/2000
Inspection Type:	Removal Log

Site: ***Auto Repair Shop***
400 Northwest Hwy Arlington Heights, IL 60004 IL

UST

Facility No:	2042883	***Green Tag Exp Dt:***	
Facility Status:	Exempt	***Mtr Fuel Perm Insp Dt:***	
Facility Type:	Vacant	***Mtr Fuel Perm Exp Dt:***	
Motor Fuel Type:		***Fin Resp Rpt Due:***	
Green Tag Decal:		***County:***	Cook
Green Tag Issue Dt:			

Purchase Date:
Type Financial Resp:
Property Parcel:
Owner Type: Private
Owner Status: Current Owner
Owner Name: TJHD Properties, LLC
Owner Address: 914 Thames Circle
Schaumburg, IL 60193
Facility URL: http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2042883&PrintDetail=true
Permit History Link: https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2042883

Tank Information

Tank No:	1	***Current Age:***	
Status:	Removed	***Product:***	Heating Oil
Removed Date:	8/3/2005	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	Consumptive Use on Premises
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:	12/31/1973	***Fee Due:***	
Capacity:	1000	***OSFM First Noti Dt:***	
Regulated Status:	Exempt	***CAS Code:***	

Owner Summary

Owner No:	U0032868	***Owner Status:***	Current Owner
Owner Name:	TJHD Properties, LLC	***Purchase Date:***	

IEMA Numbers

Permit No: 00760-2005REM
IEMA No: 05-1083
IEMA Link: http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=20051083
Inspection Date: 8/3/2005
Inspection Type: Removal Log

Site: ***Cook County School Bus, Inc.***
1910 S. Busse Road Arlington Heights, IL 60005 IL

UST

Facility No:	2001755	***Green Tag Exp Dt:***	12/31/2019
Facility Status:	Active	***Mtr Fuel Perm Insp Dt:***	2/28/2017
Facility Type:	School/College	***Mtr Fuel Perm Exp Dt:***	12/31/2019
Motor Fuel Type:	Fleet	***Fin Resp Rpt Due:***	12/27/2019
Green Tag Decal:	S002764	***County:***	Cook
Green Tag Issue Dt:	5/15/2017		

Purchase Date:
Type Financial Resp: Self-Insurance
Property Parcel:
Owner Type: County
Owner Status: Current Owner
Owner Name: Cook-Illinois Corp.
Owner Address: 2100 Clearwater Drive
Oak Brook, IL 60523
Facility URL: http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2001755&PrintDetail=true
Permit History Link: https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2001755

Tank Information

Tank No:	1	***Current Age:***	40
Status:	Removed	***Product:***	Diesel Fuel
Removed Date:	11/13/2002	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	1/1/1962	***Abandoned Material:***	
Last Used Date:	2/28/2002	***Fee Due:***	$0.00
Capacity:	10000	***OSFM First Noti Dt:***	2/11/1986

Regulated Status: Federal ***CAS Code:***

Tank Information

Tank No:	3	***Current Age:***	7
Status:	Removed	***Product:***	New Oil
Removed Date:	12/1/1985	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	1/1/1978	***Abandoned Material:***	
Last Used Date:		***Fee Due:***	
Capacity:	1000	***OSFM First Noti Dt:***	2/11/1986
Regulated Status:	Exempt	***CAS Code:***	

Tank Information

Tank No:	2	***Current Age:***	41
Status:	Currently in use	***Product:***	Diesel Fuel
Removed Date:		***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	1/1/1978	***Abandoned Material:***	
Last Used Date:		***Fee Due:***	$0.00
Capacity:	12000	***OSFM First Noti Dt:***	2/11/1986
Regulated Status:	Federal	***CAS Code:***	

Tank Equipment

Equipment Type: Leak Detect - Piping
Last Passing Date: 5/16/2016
Test Expire Date: 5/16/2017
Equipment: Non-Discriminating Sump Sensor Interstitial Monitoring Veeder Root

Equipment Type: Overfill Prev Device
Last Passing Date:
Test Expire Date:
Equipment: Overfill Drop Tube Valve

Equipment Type: Piping
Last Passing Date: N/A
Test Expire Date: N/A
Equipment: Flexible Double Wall A.P.T. Poly Tech

Equipment Type: Spill Contain Device
Last Passing Date:
Test Expire Date:
Equipment: Single Wall Spill Bucket EBW 705

Equipment Type: Leak Detect - Piping
Last Passing Date: N/A
Test Expire Date: N/A
Equipment: European with No Test Req Suction

Equipment Type: Corrosion Prot - Tank
Last Passing Date: 12/20/2018
Test Expire Date: 12/20/2023
Equipment: Lining Materials Internal

Equipment Type: Leak Detect - Tank
Last Passing Date: 4/3/2019
Test Expire Date: 4/3/2020
Equipment: Automatic Tank Gauging Veeder Root TLS 300c

Equipment Type: Corrosion Prot - Piping
Last Passing Date: 7/15/2015
Test Expire Date: 7/15/2018
Equipment: Sacrificial Anode Cathodic Protection

Equipment Type: Corrosion Prot - Piping
Last Passing Date: N/A
Test Expire Date: N/A
Equipment: Fiberglass Non-Corrosive

Equipment Type: Tank
Last Passing Date: N/A
Test Expire Date: N/A
Equipment: Fiberglass Single Wall Tank

Owner Summary

Owner No:	U0003395	***Owner Status:***	Former Owner
Owner Name:	Chicago Bus Sales	***Purchase Date:***	
Owner No:	U0038028	***Owner Status:***	Current Owner
Owner Name:	Cook-Illinois Corp.	***Purchase Date:***	
Owner No:	U0031749	***Owner Status:***	Former Owner
Owner Name:	Cook County School Bus, Inc.	***Purchase Date:***	

IEMA Numbers

Permit No: 01812-2002REM
IEMA No: 02-1655
IEMA Link: http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=20021655
Inspection Date: 11/13/2002
Inspection Type: Removal Log

LUST Fund Eligibility

IEMA No:	02-1655	***OSFM Response Dt:***	1/16/2004
Status:	Eligible	***Deductible:***	$10,000
OSFM Received Date:	12/22/2003	***Letter:***	
IEMA Link:	http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=20021655		
IEMA No:	02-1655	***OSFM Response Dt:***	2/3/2003
Status:	Returned	***Deductible:***	$Not Selected
OSFM Received Date:	1/21/2003	***Letter:***	
IEMA Link:	http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=20021655		

Site: ***St. Peter Lutheran Church and School***
111 Olive Street Arlington Heights, IL 60004 IL UST

Facility No:	2044994	***Green Tag Exp Dt:***	
Facility Status:	Closed	***Mtr Fuel Perm Insp Dt:***	
Facility Type:	Private Institution	***Mtr Fuel Perm Exp Dt:***	
Motor Fuel Type:		***Fin Resp Rpt Due:***	
Green Tag Decal:		***County:***	Cook
Green Tag Issue Dt:			
Purchase Date:	1/1/1976		
Type Financial Resp:			
Property Parcel:			
Owner Type:	Private		
Owner Status:	Current Owner		
Owner Name:	St. Peter Lutheran Church and School		
Owner Address:	111 Olive Street Arlington Heights, IL 60004		
Facility URL:	http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2044994&PrintDetail=true		
Permit History Link:	https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2044994		

Tank Information

Tank No:	1	***Current Age:***	35
Status:	Removed	***Product:***	Heating Oil
Removed Date:	11/8/2011	***Product Date:***	1/1/1976

Red Tag Issue Date:		***Petroleum Use:***	Consumptive Use on Premises
Abandoned Date:		***CERCLA Substance:***	
Install Date:	1/1/1976	***Abandoned Material:***	
Last Used Date:	1/1/1979	***Fee Due:***	$0.00
Capacity:	8500	***OSFM First Noti Dt:***	9/27/2011
Regulated Status:	State	***CAS Code:***	

Owner Summary

Owner No:	U0036242	***Owner Status:***	Current Owner
Owner Name:	St. Peter Lutheran Church and School	***Purchase Date:***	1/1/1976

Site: ***Amoco SS #5395 Facility #13140***
Central & State Arlington Heights, IL 60005 IL

UST

Facility No:	2023168	***Green Tag Exp Dt:***	
Facility Status:	Closed	***Mtr Fuel Perm Insp Dt:***	
Facility Type:	Self-Service Station	***Mtr Fuel Perm Exp Dt:***	
Motor Fuel Type:		***Fin Resp Rpt Due:***	
Green Tag Decal:		***County:***	Cook
Green Tag Issue Dt:			

Purchase Date: 1/1/1972
Type Financial Resp: Self-Insurance
Property Parcel:
Owner Type: Private
Owner Status: Current Owner
Owner Name: BP Products North America, Inc.
Owner Address: P. O. Box 6038
Environmental Compliance Department
Artesia, CA 90702
Facility URL: http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2023168&PrintDetail=true
Permit History Link: https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2023168

Tank Information

Tank No:	4	***Current Age:***	11
Status:	Removed	***Product:***	Used Oil
Removed Date:	3/19/1996	***Product Date:***	1/1/1985
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	1/1/1985	***Abandoned Material:***	
Last Used Date:	11/1/1994	***Fee Due:***	
Capacity:	550	***OSFM First Noti Dt:***	4/25/1986
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	2	***Current Age:***	11
Status:	Removed	***Product:***	Gasoline
Removed Date:	3/19/1996	***Product Date:***	1/1/1985
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	1/1/1985	***Abandoned Material:***	
Last Used Date:	11/1/1994	***Fee Due:***	
Capacity:	10000	***OSFM First Noti Dt:***	4/25/1986
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	1	***Current Age:***	24
Status:	Removed	***Product:***	Gasoline
Removed Date:	3/19/1996	***Product Date:***	1/1/1972
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	1/1/1972	***Abandoned Material:***	
Last Used Date:	11/1/1994	***Fee Due:***	

Capacity:	8000	***OSFM First Noti Dt:***	4/25/1986
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	3	***Current Age:***	11
Status:	Removed	***Product:***	Gasoline
Removed Date:	3/19/1996	***Product Date:***	1/1/1985
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	1/1/1985	***Abandoned Material:***	
Last Used Date:	11/1/1994	***Fee Due:***	
Capacity:	12000	***OSFM First Noti Dt:***	4/25/1986
Regulated Status:	Federal	***CAS Code:***	

Owner Summary

Owner No:	U0000552	***Owner Status:***	Current Owner
Owner Name:	BP Products North America, Inc.	***Purchase Date:***	1/1/1972

LUST Fund Eligibility

IEMA No:	96-0450	***OSFM Response Dt:***	10/4/1996
Status:	Eligible	***Deductible:***	$10,000
OSFM Received Date:	9/10/1996	***Letter:***	
IEMA Link:	http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=960450		

Site: ***Amoco SS 15693 Facility 24660***
Sec Rand & Camp McDonald Arlington Heights, IL 60004 IL

UST

Facility No:	2022745	***Green Tag Exp Dt:***	
Facility Status:	Closed	***Mtr Fuel Perm Insp Dt:***	
Facility Type:	Self-Service Station	***Mtr Fuel Perm Exp Dt:***	
Motor Fuel Type:		***Fin Resp Rpt Due:***	
Green Tag Decal:		***County:***	Cook
Green Tag Issue Dt:			
Purchase Date:			
Type Financial Resp:			
Property Parcel:			
Owner Type:	Private		
Owner Status:			
Owner Name:			
Owner Address:			
Facility URL:	http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2022745&PrintDetail=true		
Permit History Link:	https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2022745		

Tank Information

Tank No:	4	***Current Age:***	27
Status:	Removed	***Product:***	Gasoline
Removed Date:	10/2/1991	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:		***Fee Due:***	
Capacity:	10000	***OSFM First Noti Dt:***	4/25/1986
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	7	***Current Age:***	4
Status:	Removed	***Product:***	Gasoline
Removed Date:	8/16/1996	***Product Date:***	10/5/1991
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	

Install Date: 10/5/1991
Last Used Date: 2/1/1996
Capacity: 12000
Regulated Status: Federal
Abandoned Material:
Fee Due:
OSFM First Noti Dt: 9/29/1992
CAS Code:

Tank Information

Tank No: 2
Status: Removed
Removed Date: 10/2/1991
Red Tag Issue Date:
Abandoned Date:
Install Date:
Last Used Date:
Capacity: 10000
Regulated Status: Federal
Current Age: 27
Product: Gasoline
Product Date:
Petroleum Use:
CERCLA Substance:
Abandoned Material:
Fee Due:
OSFM First Noti Dt: 4/25/1986
CAS Code:

Tank Information

Tank No: 3
Status: Removed
Removed Date: 10/2/1991
Red Tag Issue Date:
Abandoned Date:
Install Date:
Last Used Date:
Capacity: 10000
Regulated Status: Federal
Current Age: 27
Product: Gasoline
Product Date:
Petroleum Use:
CERCLA Substance:
Abandoned Material:
Fee Due:
OSFM First Noti Dt: 4/25/1986
CAS Code:

Tank Information

Tank No: 6
Status: Removed
Removed Date: 8/16/1996
Red Tag Issue Date:
Abandoned Date:
Install Date: 10/5/1991
Last Used Date: 2/1/1996
Capacity: 12000
Regulated Status: Federal
Current Age: 4
Product: Gasoline
Product Date: 10/3/1991
Petroleum Use:
CERCLA Substance:
Abandoned Material:
Fee Due:
OSFM First Noti Dt: 9/29/1992
CAS Code:

Tank Information

Tank No: 8
Status: Removed
Removed Date: 8/16/1996
Red Tag Issue Date:
Abandoned Date:
Install Date: 10/5/1991
Last Used Date: 2/1/1996
Capacity: 12000
Regulated Status: Federal
Current Age: 4
Product: Gasoline
Product Date: 10/5/1991
Petroleum Use:
CERCLA Substance:
Abandoned Material:
Fee Due:
OSFM First Noti Dt: 9/29/1992
CAS Code:

Tank Information

Tank No: 1
Status: Removed
Removed Date: 10/2/1991
Red Tag Issue Date:
Abandoned Date:
Install Date:
Last Used Date:
Capacity: 500
Regulated Status: Federal
Current Age: 27
Product: Used Oil
Product Date:
Petroleum Use:
CERCLA Substance:
Abandoned Material:
Fee Due:
OSFM First Noti Dt: 4/25/1986
CAS Code:

Tank Information

Tank No:	5	***Current Age:***	4
Status:	Removed	***Product:***	Used Oil
Removed Date:	8/16/1996	***Product Date:***	10/5/1991
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	10/5/1991	***Abandoned Material:***	
Last Used Date:	2/1/1996	***Fee Due:***	
Capacity:	550	***OSFM First Noti Dt:***	9/29/1992
Regulated Status:	Federal	***CAS Code:***	

Owner Summary

Owner No:	U0000552	***Owner Status:***	Former Owner
Owner Name:	BP Products North America, Inc.	***Purchase Date:***	12/31/1967

Site: ***Shell Service Station***
934 South Arlington & Central Arlington Heights, IL 60005 IL

UST

Facility No:	2021182	***Green Tag Exp Dt:***	12/31/2007
Facility Status:	Closed	***Mtr Fuel Perm Insp Dt:***	12/17/2003
Facility Type:	Self-Service Station	***Mtr Fuel Perm Exp Dt:***	12/15/2004
Motor Fuel Type:	Self Service	***Fin Resp Rpt Due:***	1/22/2008
Green Tag Decal:	F000167	***County:***	Cook
Green Tag Issue Dt:	8/30/2004		
Purchase Date:			
Type Financial Resp:	Commercial Insurance		
Property Parcel:			
Owner Type:	Private		
Owner Status:	Current Owner		
Owner Name:	Shell Oil Products US c/o Gilbarco Veeder-Root		
Owner Address:	7300 West Friendly Avenue, P.O. Box 22087 Attn: CMS Mailstop F-76 Greensboro, NC 274202087		
Facility URL:	http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2021182&PrintDetail=true		
Permit History Link:	https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2021182		

Tank Information

Tank No:	1	***Current Age:***	1
Status:	Removed	***Product:***	Gasoline
Removed Date:	7/11/1997	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	11/1/1995	***Abandoned Material:***	
Last Used Date:	7/6/1997	***Fee Due:***	$0.00
Capacity:	10000	***OSFM First Noti Dt:***	5/2/1986
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	5	***Current Age:***	11
Status:	Removed	***Product:***	Gasoline
Removed Date:	3/27/2007	***Product Date:***	11/3/1995
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	11/1/1995	***Abandoned Material:***	
Last Used Date:		***Fee Due:***	$0.00
Capacity:	15000	***OSFM First Noti Dt:***	2/5/1996
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	2	***Current Age:***	1
Status:	Removed	***Product:***	Gasoline

Removed Date:	7/11/1997	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	11/1/1995	***Abandoned Material:***	
Last Used Date:	7/6/1997	***Fee Due:***	$0.00
Capacity:	10000	***OSFM First Noti Dt:***	5/2/1986
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	4	***Current Age:***	42
Status:	Removed	***Product:***	Used Oil
Removed Date:	10/13/1995	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:	10/13/1995	***Fee Due:***	$0.00
Capacity:	1000	***OSFM First Noti Dt:***	5/2/1986
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	3	***Current Age:***	1
Status:	Removed	***Product:***	Gasoline
Removed Date:	7/11/1997	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	11/1/1995	***Abandoned Material:***	
Last Used Date:	7/6/1997	***Fee Due:***	$0.00
Capacity:	10000	***OSFM First Noti Dt:***	5/2/1986
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	6	***Current Age:***	11
Status:	Removed	***Product:***	Gasoline
Removed Date:	3/27/2007	***Product Date:***	11/3/1995
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	11/1/1995	***Abandoned Material:***	
Last Used Date:		***Fee Due:***	$0.00
Capacity:	15000	***OSFM First Noti Dt:***	2/5/1996
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	7	***Current Age:***	
Status:	Removed	***Product:***	Heating Oil
Removed Date:	6/14/1989	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	Consumptive Use on Premises
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:		***Fee Due:***	
Capacity:	1000	***OSFM First Noti Dt:***	6/14/1989
Regulated Status:	State	***CAS Code:***	

Owner Summary

Owner No:	U0031151	***Owner Status:***	Current Owner
Owner Name:	Shell Oil Products US c/o Gilbarco Veeder-Root	***Purchase Date:***	
Owner No:	U0027449	***Owner Status:***	Former Owner
Owner Name:	Equilon Enterprises, LLC	***Purchase Date:***	10/31/1995
Owner No:	U0013849	***Owner Status:***	Former Owner

Owner Name: Shell Oil Products ***Purchase Date:*** 12/31/1967

IEMA Numbers

Permit No: 00120-2007REM
IEMA No: 07-0370
IEMA Link: http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=20070370
Inspection Date: 3/27/2007
Inspection Type: Removal Log

LUST Fund Eligibility

IEMA No: 95-2126 ***OSFM Response Dt:*** 4/11/1996
Status: Eligible ***Deductible:*** $10,000
OSFM Received Date: 3/15/1996 ***Letter:***
IEMA Link: http://epadata.epa.state.il.us/land/ust/LIT-Display.asp?INCIDENT=952126

Site: ***Speed O Matic Printing Inc***
3109 W Devon Avenue Arlington Heights, IL 60004 IL UST

Facility No: 2035805 ***Green Tag Exp Dt:***
Facility Status: Exempt ***Mtr Fuel Perm Insp Dt:***
Facility Type: Commercial / Retail ***Mtr Fuel Perm Exp Dt:***
Motor Fuel Type: ***Fin Resp Rpt Due:***
Green Tag Decal: ***County:*** Cook
Green Tag Issue Dt:
Purchase Date:
Type Financial Resp:
Property Parcel:
Owner Type: Private
Owner Status: Current Owner
Owner Name: Linda Sloan
Owner Address: 3311 N Ridge Avenue
Arlington Heights, IL 60004
Facility URL: http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2035805&PrintDetail=true
Permit History Link: https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2035805

Tank Information

Tank No: 1 ***Current Age:***
Status: Removed ***Product:***
Removed Date: 2/14/1997 ***Product Date:***
Red Tag Issue Date: ***Petroleum Use:***
Abandoned Date: ***CERCLA Substance:***
Install Date: ***Abandoned Material:***
Last Used Date: 12/1/1973 ***Fee Due:***
Capacity: 550 ***OSFM First Noti Dt:*** 3/13/1997
Regulated Status: Exempt ***CAS Code:***

Tank Information

Tank No: 2 ***Current Age:***
Status: Removed ***Product:***
Removed Date: 2/14/1997 ***Product Date:***
Red Tag Issue Date: ***Petroleum Use:***
Abandoned Date: ***CERCLA Substance:***
Install Date: ***Abandoned Material:***
Last Used Date: ***Fee Due:***
Capacity: 550 ***OSFM First Noti Dt:*** 3/13/1997
Regulated Status: Exempt ***CAS Code:***

Owner Summary

Owner No: U0026060 ***Owner Status:*** Current Owner
Owner Name: Linda Sloan ***Purchase Date:***

Site: ***Mueller Property***
Rand And Arlington Heights Arlington Heights, IL 60004 IL

UST

Facility No:	2030096	***Green Tag Exp Dt:***	
Facility Status:	Closed	***Mtr Fuel Perm Insp Dt:***	
Facility Type:	None	***Mtr Fuel Perm Exp Dt:***	
Motor Fuel Type:		***Fin Resp Rpt Due:***	
Green Tag Decal:		***County:***	Cook
Green Tag Issue Dt:			
Purchase Date:			
Type Financial Resp:			
Property Parcel:			
Owner Type:			
Owner Status:	Current Owner		
Owner Name:	Mueller Frank & Herman		
Owner Address:	701 Milwaukee Ave Glenview, IL 60025		
Facility URL:	http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2030096&PrintDetail=true		
Permit History Link:	https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2030096		

Tank Information

Tank No:	4	***Current Age:***	
Status:	Removed	***Product:***	Gasoline
Removed Date:	7/16/1992	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:		***Fee Due:***	
Capacity:	550	***OSFM First Noti Dt:***	7/31/1992
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	5	***Current Age:***	
Status:	Removed	***Product:***	Gasoline
Removed Date:	7/16/1992	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:		***Fee Due:***	
Capacity:	550	***OSFM First Noti Dt:***	7/31/1992
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	2	***Current Age:***	
Status:	Removed	***Product:***	Gasoline
Removed Date:	7/16/1992	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:	1/1/1975	***Fee Due:***	
Capacity:	2000	***OSFM First Noti Dt:***	5/27/1992
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	1	***Current Age:***	
Status:	Removed	***Product:***	Gasoline
Removed Date:	7/16/1992	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:	1/1/1975	***Fee Due:***	

Capacity:	2000	***OSFM First Noti Dt:***	5/27/1992
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	3	***Current Age:***	
Status:	Removed	***Product:***	Gasoline
Removed Date:	7/16/1992	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:	1/1/1975	***Fee Due:***	
Capacity:	1000	***OSFM First Noti Dt:***	5/27/1992
Regulated Status:	Federal	***CAS Code:***	

Owner Summary

Owner No:	U0019661	***Owner Status:***	Current Owner
Owner Name:	Mueller Frank & Herman	***Purchase Date:***	

Site: ***Marathon Unit #2252***
1545 S Wilkie & Algonquin Arlington Heights, IL 60004 IL UST

Facility No:	2019661	***Green Tag Exp Dt:***	
Facility Status:	Exempt	***Mtr Fuel Perm Insp Dt:***	
Facility Type:	None	***Mtr Fuel Perm Exp Dt:***	
Motor Fuel Type:		***Fin Resp Rpt Due:***	
Green Tag Decal:		***County:***	Cook
Green Tag Issue Dt:			
Purchase Date:			
Type Financial Resp:			
Property Parcel:			
Owner Type:			
Owner Status:	Current Owner / Operator		
Owner Name:	Marathon Oil Company		
Owner Address:	539 Main Street Findlay, OH 45840		
Facility URL:	http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2019661&PrintDetail=true		
Permit History Link:	https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2019661		

Tank Information

Tank No:	2	***Current Age:***	38
Status:	Removed	***Product:***	
Removed Date:	12/1/1979	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:	1/1/1978	***Fee Due:***	
Capacity:	4000	***OSFM First Noti Dt:***	4/25/1986
Regulated Status:	Exempt	***CAS Code:***	

Tank Information

Tank No:	6	***Current Age:***	38
Status:	Removed	***Product:***	
Removed Date:	12/1/1979	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:	1/1/1978	***Fee Due:***	
Capacity:	550	***OSFM First Noti Dt:***	4/25/1986
Regulated Status:	Exempt	***CAS Code:***	

Tank Information

Tank No:	3	***Current Age:***	38
Status:	Removed	***Product:***	
Removed Date:	12/1/1979	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:	1/1/1978	***Fee Due:***	
Capacity:	4000	***OSFM First Noti Dt:***	4/25/1986
Regulated Status:	Exempt	***CAS Code:***	

Tank Information

Tank No:	1	***Current Age:***	38
Status:	Removed	***Product:***	
Removed Date:	12/1/1979	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:	1/1/1978	***Fee Due:***	
Capacity:	4000	***OSFM First Noti Dt:***	4/25/1986
Regulated Status:	Exempt	***CAS Code:***	

Tank Information

Tank No:	5	***Current Age:***	38
Status:	Removed	***Product:***	
Removed Date:	12/1/1979	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:	1/1/1978	***Fee Due:***	
Capacity:	550	***OSFM First Noti Dt:***	4/25/1986
Regulated Status:	Exempt	***CAS Code:***	

Tank Information

Tank No:	4	***Current Age:***	38
Status:	Removed	***Product:***	
Removed Date:	12/1/1979	***Product Date:***	
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:		***Abandoned Material:***	
Last Used Date:	1/1/1978	***Fee Due:***	
Capacity:	4000	***OSFM First Noti Dt:***	4/25/1986
Regulated Status:	Exempt	***CAS Code:***	

Owner Summary

Owner No:	U0009663	***Owner Status:***	Current Owner / Operator
Owner Name:	Marathon Oil Company	***Purchase Date:***	

Site: ***Arling Corporation***
1600 Rand Rd Arlington Heights, IL 60004 IL

UST

Facility No:	2034072	***Green Tag Exp Dt:***	
Facility Status:	Closed	***Mtr Fuel Perm Insp Dt:***	
Facility Type:	Other	***Mtr Fuel Perm Exp Dt:***	
Motor Fuel Type:		***Fin Resp Rpt Due:***	
Green Tag Decal:		***County:***	Cook
Green Tag Issue Dt:			
Purchase Date:	12/1/1985		
Type Financial Resp:			
Property Parcel:			
Owner Type:			
Owner Status:	Current Owner		

Owner Name:	Amalgamated Bank Of Chicag Tr 5107
Owner Address:	333 W Wacker Dr Suite 2750 C/O Arling Corporation Chicago, IL 60606
Facility URL:	http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2034072&PrintDetail=true
Permit History Link:	https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2034072

Tank Information

Tank No:	1	***Current Age:***	23
Status:	Removed	***Product:***	Gasoline
Removed Date:	6/22/1995	***Product Date:***	6/1/1972
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	6/1/1972	***Abandoned Material:***	
Last Used Date:	6/1/1992	***Fee Due:***	
Capacity:	12000	***OSFM First Noti Dt:***	5/3/1995
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	2	***Current Age:***	23
Status:	Removed	***Product:***	Gasoline
Removed Date:	6/22/1995	***Product Date:***	6/1/1972
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	6/1/1972	***Abandoned Material:***	
Last Used Date:	6/1/1992	***Fee Due:***	
Capacity:	12000	***OSFM First Noti Dt:***	5/3/1995
Regulated Status:	Federal	***CAS Code:***	

Tank Information

Tank No:	3	***Current Age:***	23
Status:	Removed	***Product:***	Diesel Fuel
Removed Date:	6/22/1995	***Product Date:***	6/1/1972
Red Tag Issue Date:		***Petroleum Use:***	
Abandoned Date:		***CERCLA Substance:***	
Install Date:	6/1/1972	***Abandoned Material:***	
Last Used Date:	6/1/1992	***Fee Due:***	
Capacity:	12000	***OSFM First Noti Dt:***	5/3/1995
Regulated Status:	Federal	***CAS Code:***	

Owner Summary

Owner No:	U0023996	***Owner Status:***	Current Owner
Owner Name:	Amalgamated Bank Of Chicag Tr 5107	***Purchase Date:***	12/1/1985

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: Aug 20, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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: Aug 20, 2019

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: 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: Aug 26, 2019

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: Aug 26, 2019

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: Aug 26, 2019

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: Aug 26, 2019

RCRA Conditionally Exempt and Very 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. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Conditionally Exempt and Very Small Quantity Generators (VSQG and CESQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG and CESQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Aug 26, 2019

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: Aug 26, 2019

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: Jun 11, 2019

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: Jun 11, 2019

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: Mar 21, 2019

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: Sep 3, 2019

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

Petroleum Refineries: REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Jul 17, 2018

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jan 18, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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 Northeastern Illinois: NIPC

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: Apr 30, 2018

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 17, 2019

Leaking UST Document: LUST DOCUMENT

A list of sites from the Illinois Environmental Protection Agency (IEPA) Document Explorer at which one or more of the documents is in the Leaking Underground Storage Tank (LUST) category. The IEPA Document Explorer provides online access to numerous Illinois EPA public records which are maintained in a digital format.

Government Publication Date: Jun 10, 2019

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 17, 2019

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, 2019

Aboveground Storage Tanks (AST): AST

A list of aboveground storage tanks inspected by the Office of State Fire Marshal (OSFM).

Government Publication Date: Jun 30, 2019

Delisted Storage Tanks: DELISTED TANK

This database contains a list of closed storage tank sites that were removed from the illinois Department of Enivornmental Quality.

Government Publication Date: Sep 18, 2019

Sites with Engineering Controls: ENG

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remedition Program (SRP) database with engineering controls in place.

Government Publication Date: Sep 11, 2019

Institutional Controls: INST

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remedition Program (SRP) database with institutional controls in place.

Government Publication Date: Sep 11, 2019

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: Sep 11, 2019

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: Sep 12, 2019

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: Sep 18, 2019

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: Sep 12, 2019

Additional Environmental Record Sources

Federal

PFOA/PFOS Contaminated Sites: PFAS NPL

List of sites where PFOA or PFOS contaminants have been found in drinking water or soil. Made available by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Nov 15, 2018

Facility Registry Service/Facility Index: FINDS/FRS

The US Environmental Protection Agency (EPA)'s Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, data collected from EPA's Central Data Exchange registrations and data management personnel.

Government Publication Date: Apr 23, 2019

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Dec 31, 2017

Perfluorinated Alkyl Substances (PFAS) Releases: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Dec 31, 2017

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Jan 8, 2019

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: Sep 26, 2019

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

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Aug 20, 2019

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

Integrated Compliance Information System (ICIS): ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Nov 18, 2016

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: May 29, 2018

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: May 29, 2018

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: Oct 23, 2018

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: Nov 1, 2018

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: May 3, 2019

Alternative Fueling Stations: ALT FUELS

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Oct 1, 2019

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: May 31, 2019

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: Mar 20, 2019

State

Per- and Polyfluoroalkyl Substances (PFAS): PFAS

A list of reports taken by the Illinois Emergency Management Agency (IEMA) of incidents involving hazardous materials, where the hazardous material involved in the incident is in the PFAS Master List of PFAS Substances made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Sep 12, 2019

Spills and Incidents: SPILLS

A list of reports taken by Illinois Emergency Management Agency (IEMA) of Hazardous Material spills in Illinois.

Government Publication Date: Sep 12, 2019

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: Sep 12, 2019

Tier 2 Report: TIER 2

List of facilities who submit Tier II forms to the Illinois Emergency Management Agency (IEMA).

Government Publication Date: Sep 16, 2019

Dry Cleaning Facilities: DRYCLEANERS

A list of licensed drycleaners facilities provided by Drycleaner Environmental Response Trust Fund of Illinois.

Government Publication Date: Aug 18, 2019

Delisted Drycleaners: DELISTED DRYCLEANERS

List of sites removed from the drycleaners database made available by the Drycleaner Environmental Response Trust Fund of Illinois.

Government Publication Date: Aug 18, 2019

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: Sep 14, 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.

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Buffalo Grove 2020 WM* *Charles Court* *Buffalo Grove IL 60089*
Project No:	*T19-796*
Report Type:	*Screen Report Plus*
Order No:	*20191101100*
Requested by:	*Bluff City Materials, Inc*
Date Completed:	*November 1, 2019*

Environmental Risk Information Services
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Executive Summary

Property Information:

Project Property:		*Buffalo Grove 2020 WM* *Charles Court Buffalo Grove IL 60089*
Project No:		*T19-796*
Coordinates:		
	Latitude:	*42.133621*
	Longitude:	*-87.9530975*
	UTM Northing:	*4,665,051.72*
	UTM Easting:	*421,231.71*
	UTM Zone:	*16T*
Elevation:		*676 FT*

Order Information:

Order No:	*20191101100*
Date Requested:	*November 1, 2019*
Requested by:	*Bluff City Materials, Inc*
Report Type:	*Screen Report Plus*

Historicals/Products:

ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*

Executive Summary: Report Summary

Database	Searched	Project Property	Within 0.250mi	Total
Standard Environmental Records				
Federal				
NPL	Y	0	0	0
PROPOSED NPL	Y	0	0	0
DELETED NPL	Y	0	0	0
SEMS	Y	0	0	0
ODI	Y	0	0	0
SEMS ARCHIVE	Y	0	0	0
CERCLIS	Y	0	0	0
IODI	Y	0	0	0
CERCLIS NFRAP	Y	0	0	0
CERCLIS LIENS	Y	0	0	0
RCRA CORRACTS	Y	0	0	0
RCRA TSD	Y	0	0	0
RCRA LQG	Y	0	0	0
RCRA SQG	Y	0	0	0
RCRA CESQG	Y	0	0	0
RCRA NON GEN	Y	0	0	0
FED ENG	Y	0	0	0
FED INST	Y	0	0	0
ERNS 1982 TO 1986	Y	0	0	0
ERNS 1987 TO 1989	Y	0	0	0
ERNS	Y	0	0	0
FED BROWNFIELDS	Y	0	0	0
FEMA UST	Y	0	0	0
REFN	Y	0	0	0
BULK TERMINAL	Y	0	0	0
SEMS LIEN	Y	0	0	0

Database	Searched	Project Property	Within 0.250mi	Total
SUPERFUND ROD	Y	0	0	0
State				
SSU	Y	0	0	0
DELISTED SSU	Y	0	0	0
SWF/LF	Y	0	0	0
SWF/LF SPECIAL	Y	0	0	0
NIPC	Y	0	0	0
CCDD	Y	0	0	0
LUST	Y	0	0	0
LUST DOCUMENT	Y	0	0	0
DELISTED LUST	Y	0	0	0
LUST TRUST	Y	0	0	0
UST	Y	0	0	0
AST	Y	0	0	0
DELISTED TANK	Y	0	0	0
ENG	Y	0	0	0
INST	Y	0	0	0
SRP	Y	0	0	0
BROWNFIELDS	Y	0	0	0
BROWN MBRGP	Y	0	0	0
Tribal				
INDIAN LUST	Y	0	0	0
INDIAN UST	Y	0	0	0
DELISTED ILST	Y	0	0	0
DELISTED IUST	Y	0	0	0
County				
TANKS CHICAGO	Y	0	0	0
PERMITS CHICAGO	Y	0	0	0
Additional Environmental Records				
Federal				
PFAS NPL	Y	0	0	0
FINDS/FRS	Y	0	2	2
TRIS	Y	0	0	0
PFAS TRI	Y	0	0	0
HMIRS	Y	0	0	0
NCDL	Y	0	0	0
TSCA	Y	0	0	0

Database	Searched	Project Property	Within 0.250mi	Total
HIST TSCA	Y	0	0	0
FTTS ADMIN	Y	0	0	0
FTTS INSP	Y	0	0	0
PRP	Y	0	0	0
SCRD DRYCLEANER	Y	0	0	0
ICIS	Y	0	0	0
FED DRYCLEANERS	Y	0	0	0
DELISTED FED DRY	Y	0	0	0
FUDS	Y	0	0	0
MLTS	Y	0	0	0
HIST MLTS	Y	0	0	0
MINES	Y	0	0	0
ALT FUELS	Y	0	0	0
SSTS	Y	0	0	0
PCB	Y	0	0	0
State				
PFAS	Y	0	0	0
SPILLS	Y	0	0	0
SPILLS2	Y	0	0	0
DRYCLEANERS	Y	0	0	0
TIER 2	Y	0	0	0
DELISTED DRYCLEANERS	Y	0	0	0
CDL	Y	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*	*2*	*2*

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number

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
1	FINDS/FRS	TARKINGTON SCHOOL	310 SCOTT ST WHEELING IL 60090	E	0.12 / 637.87	-6	13
2	FINDS/FRS	SANTRONICS LABORATORIES INC	223 PALMGRON CT BUFFALO GROVE IL 60089-4328	WNW	0.17 / 893.21	2	13

Executive Summary: Summary by Data Source

Non Standard

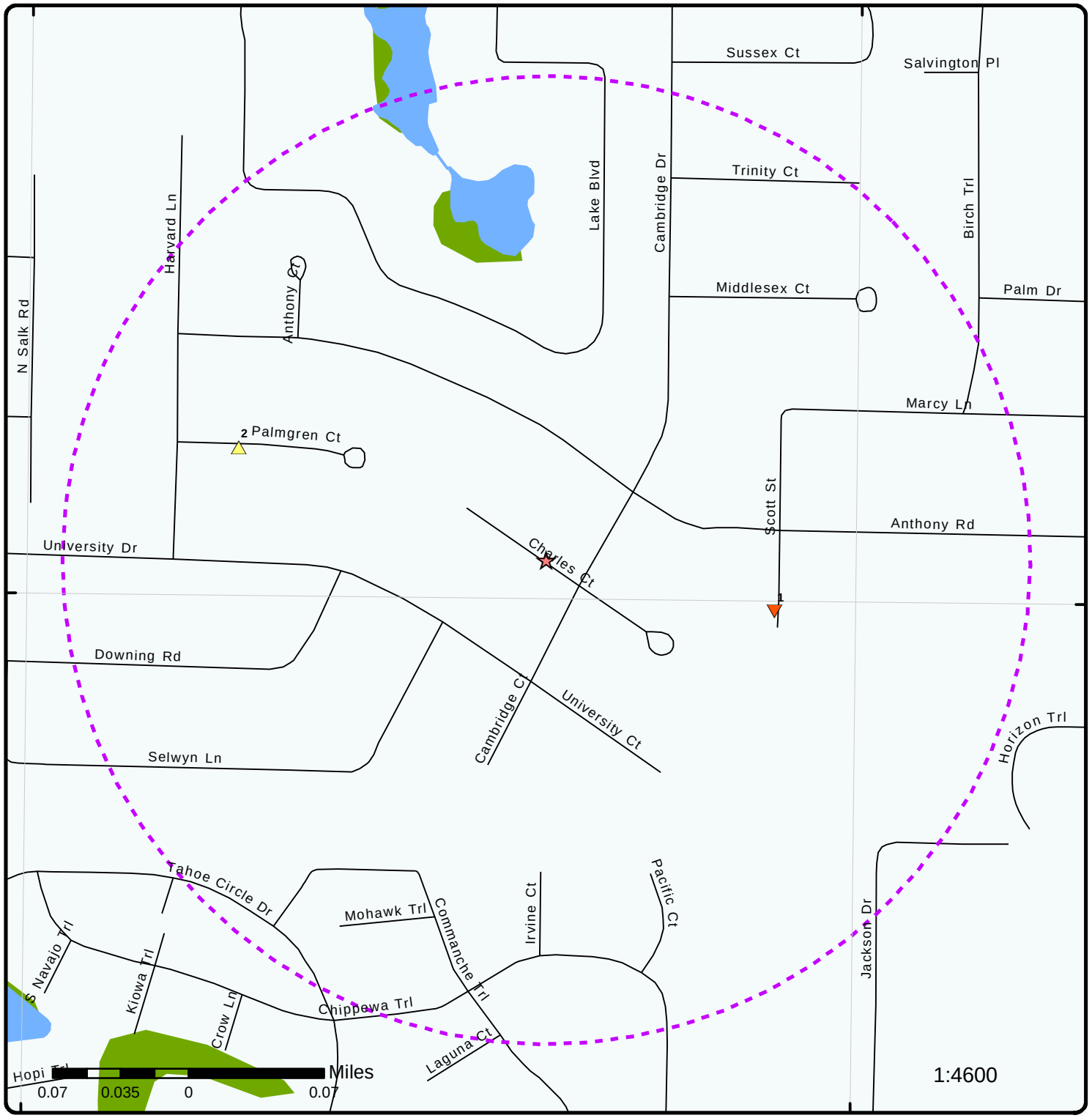
Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Apr 23, 2019 has found that there are 2 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SANTRONICS LABORATORIES INC	223 PALMGRON CT BUFFALO GROVE IL 60089-4328	WNW	0.17 / 893.21	2

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
TARKINGTON SCHOOL	310 SCOTT ST WHEELING IL 60090	E	0.12 / 637.87	1



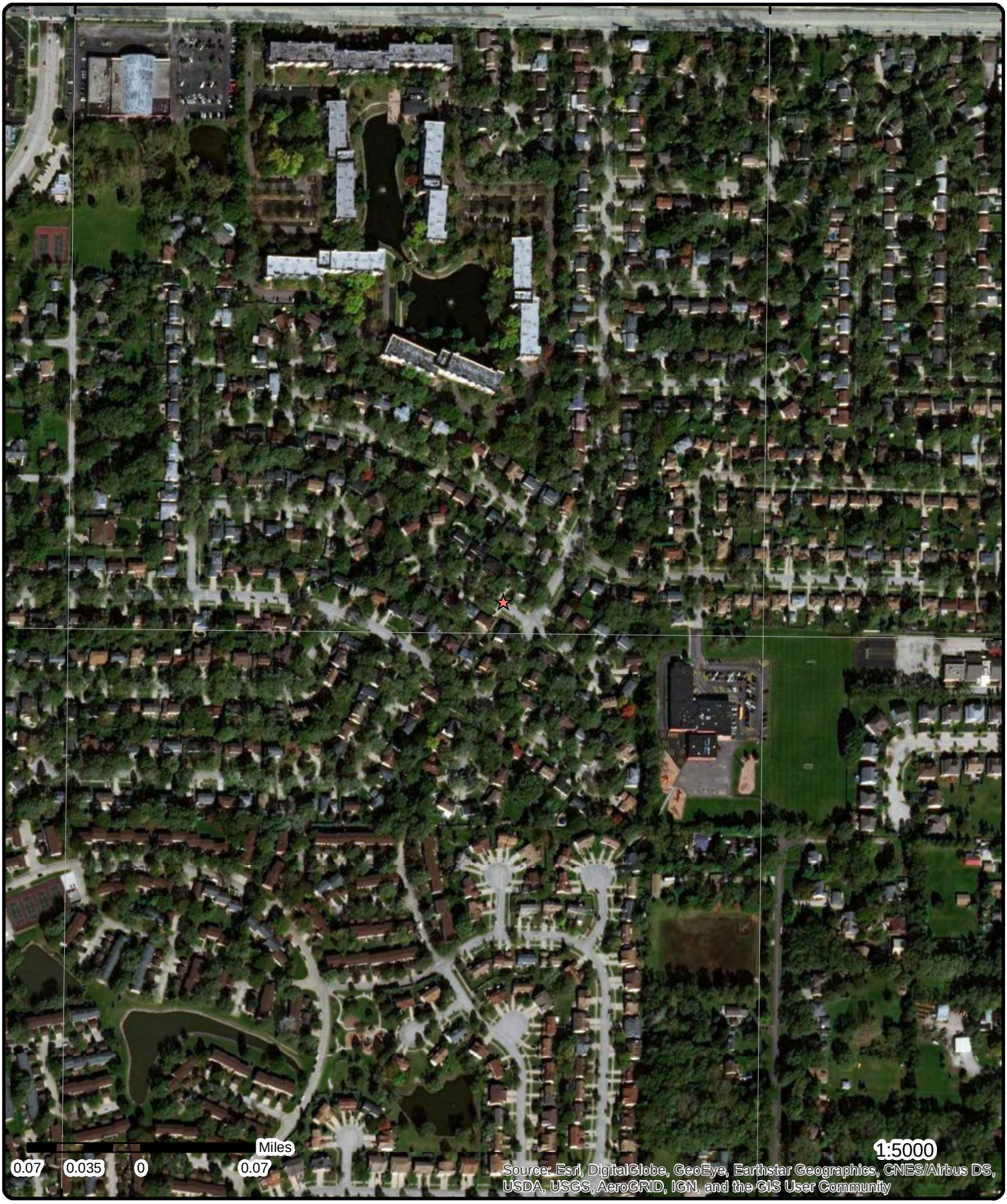
Map : 0.25 Mile Radius

Order Number: 20191101100

Address: Charles Court, IL

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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		



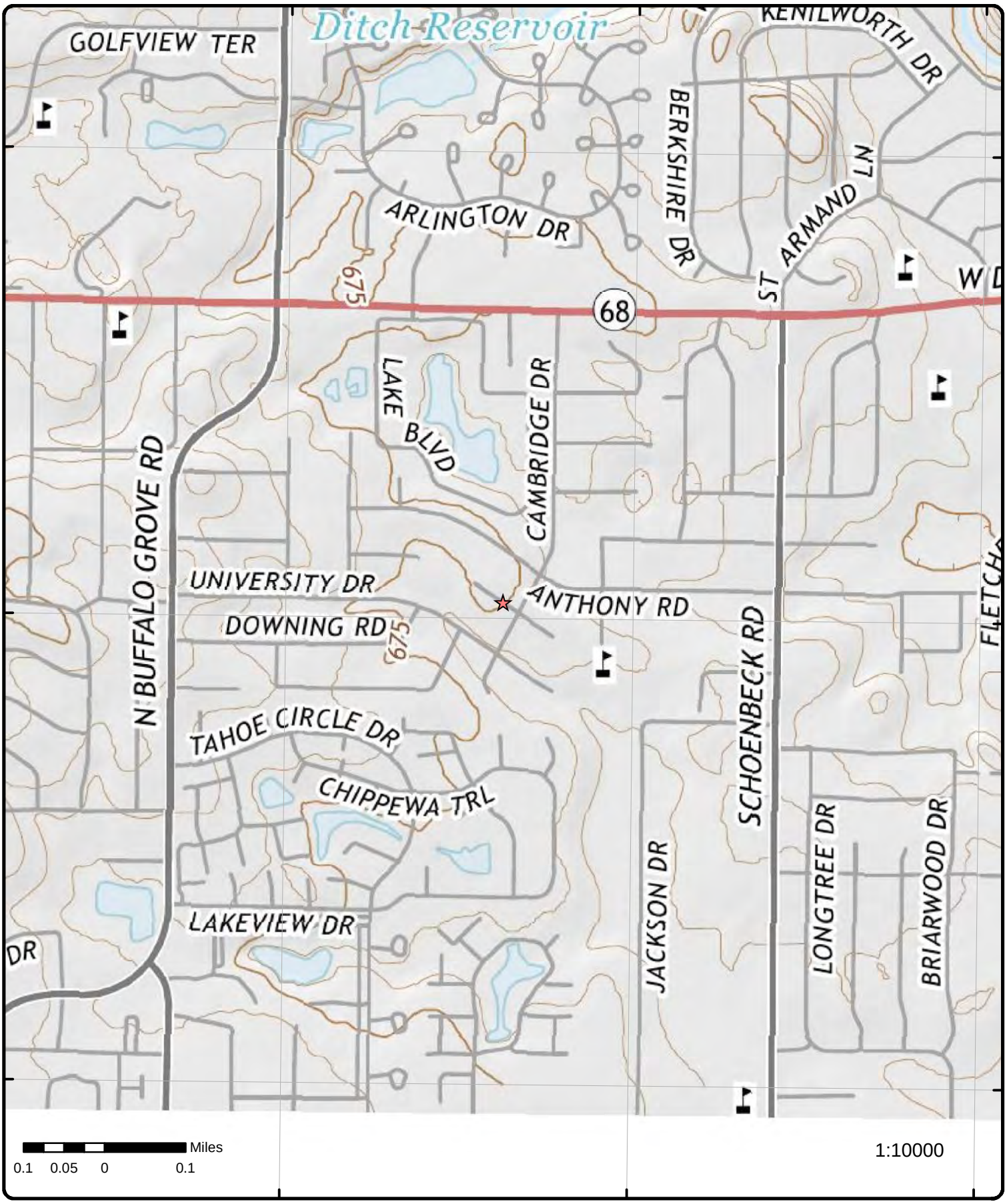
Aerial **Year: 2017**

Address: Charles Court, IL

Source: ESRI World Imagery

Order Number: 20191101100

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Year: 2015

Address: Charles Court, IL

Quadrangle(s): Wheeling,IL

Source: USGS Topographic Map

Order Number: 20191101100

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 1	E	0.12 / 637.87	669.73 / -6	TARKINGTON SCHOOL 310 SCOTT ST WHEELING IL 60090	FINDS/FRS

Registry ID: 110001823723
FIPS Code: 17031
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 01-MAR-2000 00:00:00
Update Date: 09-JAN-2015 15:48:21
Interest Types: AIR MINOR, STATE MASTER
SIC Codes: 8211
SIC Code Descriptions: ELEMENTARY AND SECONDARY SCHOOLS
NAICS Codes: 611110
NAICS Code Descriptions: ELEMENTARY AND SECONDARY SCHOOLS.
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude: 42.133771
Longitude: -87.95073
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110001823723
Program Acronyms:

ACES:170000035913, AIR:IL000031324ABY, AIRS/AFS:1703101027

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	1 of 1	WNW	0.17 / 893.21	678.05 / 2	SANTRONICS LABORATORIES INC 223 PALMGRON CT BUFFALO GROVE IL 60089-4328	FINDS/FRS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Registry ID: 110013760377
FIPS Code: 17097
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 07-MAR-2003 17:19:30
Update Date: 25-MAR-2003 10:07:44
Interest Types: COMPLIANCE ACTIVITY
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 05
County Name: LAKE
US/Mexico Border Ind:
Latitude: 42.13446
Longitude: -87.95608
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110013760377
Program Acronyms:

NCDB:C05#GM01FI416

Unplottable Summary

Total: 22 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
ERNS		MILWAUKEE AVE NORTH OF LAKE COOK RD	BUFFALO GROVE IL		806764021
ERNS		1573/1575 TAHOE CIRCLE	WHEELING IL		806699936
ERNS		MP: 23.08 SD: HARVARD	ARLINGTON HEIGHTS IL		858630727
ERNS		LAKE MICHAGAN	IL		806555904
ERNS		LAKE COOK RD NEAR MILWAUKEE AVE	BUFFALO GROVE IL		807176120
ERNS		645 WEST UNIVERSITY DRIVE	ARLINGTON HEIGHTS IL		807061426
ERNS		OFF OF LAKE STREET	IL		807096877
ERNS		LAKE-COOK ROAD BETWEEN MILWAUKEE AVE & NORTH GATE ROAD	WHEELING IL		806542632
FINDS/FRS	PLOTE INC.	LAKE-COOK RD. W. OF PORTWINE	WHEELING IL	60090	817561712
FINDS/FRS	COOK COUNTY BRIDGE	LAKE COOK RD	WHEELING IL	60090	817560271
FINDS/FRS	TARGET STORE 1385	1400 E LAKE COOK RD	WHEELING IL	60090	817562264
FINDS/FRS	COOK COUNTY HWY DEPT	LAKE COOK RD & WI CENTRAL RR	WHEELING IL	60090	817560967

FINDS/FRS	CHEVY CHASE SEWER & WATER CO	RTE 21, .5 M N OF LAKE-COOK RD	WHEELING IL	60090	817565205
HMIRS		EAST LAKE/COOK RD	BUFFALO GROVE IL		818292439
PRP	PROFILE PRODUCTS LLC	750 LAKE COOK ROAD SUITE 440	BUFFALO GROVE IL	60089	860591156
RCRA NON GEN	COOK COUNTY BRIDGE	LAKE COOK RD OVR WI CENTRAL RR	WHEELING IL	60090	810113792
RCRA NON GEN	MOTOROLA INC	852 TO 890 HASTINGS LAKE	BUFFALO GROVE IL	60089	810107211
SPILLS	Ahmet Tuzik	2737 W Glenlake	Chicago IL		878608759
SPILLS2	RAIN-RD CONSTRUCTION	LAKE SIDE CIRCLE TOWN HOUSE COMPLEX	WHEELING IL		822437988
SPILLS2	RAIN-RD CONSTRUCTION	LAKE SIDE CIRCLE TOWN HOUSE COMPLEX	WHEELING IL		825139302
SPILLS2	VILLAGE OF ARLINGTON HEIGHTS	LAKE COOK ROAD [CREEK ON N. END NEAR TERRAMERE SUBDIVISION]	ARLINGTON HEIGHTS IL		822437756
SPILLS2	TEMPO 2 CO.	DEER VALLEY RD 1 MI N OF LAKE-COOK RD	WHEELING IL		813051456

Unplottable Report

Site:

MILWAUKEE AVE NORTH OF LAKE COOK RD BUFFALO GROVE IL ERNS

NRC Report No:	245081	***Latitude Degrees:***	
Type of Incident:	MOBILE	***Latitude Minutes:***	
Incident Cause:	UNKNOWN	***Latitude Seconds:***	
Incident Date:	6/20/1994 1:00:00 PM	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:		***Location Section:***	
Year:	Year 1994 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	LAKE		

Description of Incident: FUEL TANK ON TRUCK / THE RELEASE OCCURRED AS THE RESULT OF A MULTIVEHICLE ACCIDENT

Material Spill Information

Chris Code:	ODS	***Unit of Measure:***	GALLON(S)
CAS No:		***If Reached Water:***	YES
UN No:		***Amount in Water:***	100
Name of Material:	OIL: DIESEL	***Unit Reach Water:***	GALLON(S)
Amount of Material:	100		

Calls Information

Date Time Received:	6/20/1994 3:21:39 PM	***Responsible City:***	
Date Time Complete:	6/20/1994 3:30:00 PM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:		***Source:***	UNAVAILABLE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:	UNKNOWN	***Structure Oper:***	Y
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	

Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:	UNKNOWN	***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:	UNKNOWN	***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	U	***Yard Foreman Test:***	
Railroad Hotline:	No	***RCL Operator Test:***	
Railroad Milepost:	UNKNOWN	***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:	UNKNOWN	***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	CREWS ON SCENE	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	U	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	U	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	N
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:		***Sheen Odor Desc:***	
Medium Desc:	WATER	***Duration Unit:***	
Addl Medium Info:	DESPLAINES RIVER	***Additional Info:***	MILWAUKEE AVE HAS BEEN CLOSED INDEFINITELY

Site:

1573/1575 TAHOE CIRCLE WHEELING IL

ERNS

NRC Report No:	700664	***Latitude Degrees:***	
Type of Incident:	PIPELINE	***Latitude Minutes:***	
Incident Cause:	UNKNOWN	***Latitude Seconds:***	
Incident Date:	9/24/2003 6:10:00 AM	***Longitude Degrees:***	

Incident Location:		***Longitude Minutes:***	
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:		***Location Section:***	
Year:	Year 2003 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		

Description of Incident: A HOUSE FIRE STARTED DUE TO UNKNOWN CAUSES. THE NATURAL GAS SERVICE LINE TO THE HOUSE CONTRIBUTED TO THE FIRE.

Material Spill Information

Chris Code:	ONG	***Unit of Measure:***	UNKNOWN AMOUNT
CAS No:	000000-00-0	***If Reached Water:***	NO
UN No:		***Amount in Water:***	
Name of Material:	NATURAL GAS	***Unit Reach Water:***	
Amount of Material:	0		

Calls Information

Date Time Received:	9/24/2003 5:27:50 PM	***Responsible City:***	NAPERVILLE
Date Time Complete:	9/24/2003 5:33:08 PM	***Responsible State:***	IL
Call Type:	INC	***Responsible Zip:***	60507
Resp Company:	NICOR GAS	***Source:***	TELEPHONE
Resp Org Type:	PUBLIC UTILITY		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:		***Structure Oper:***	U
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:		***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:	SERVICE	***Conductor Test:***	
Pipeline Abv Ground:	BELOW	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	
Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:		***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	

Ty Vehicle Involved:		***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	Y	***State Agen Report No:***	NO REPORT #
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	IL. COMMERCE COMMISION
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	THE SERVICE LINE WAS DISCONNECTED.	***Body of Water:***	
Fire Involved:	Y	***Tributary of:***	
Fire Extinguished:	Y	***Near River Mile Make:***	
Any Evacuations:	Y	***Near River Mile Mark:***	
No Evacuated:	1	***Offshore:***	N
Who Evacuated:	PRIVATE CITIZENS	***Weather Conditions:***	UNKNOWN
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	N	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	N	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	N
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:	NONE	***Sheen Odor Desc:***	
Medium Desc:	AIR	***Duration Unit:***	
Addl Medium Info:	ATMOSPHERE	***Additional Info:***	CALLER HAD NO ADDITIONAL INFORMATION.

Site:

MP: 23.08 SD: HARVARD ARLINGTON HEIGHTS IL ERNS

NRC Report No:	1138640	***Latitude Degrees:***	
Type of Incident:	RAILROAD NON-RELEASE	***Latitude Minutes:***	
Incident Cause:	OTHER	***Latitude Seconds:***	
Incident Date:	1/21/2016 2:33:00 PM	***Longitude Degrees:***	
Incident Location:	PASSENGER ROUTE	***Longitude Minutes:***	
Incident Dtg:	DISCOVERED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:	No	***Location Section:***	
Year:	Year 2016 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		

Description of Incident: THE CALLER IS REPORTING A COMMUTER TRAIN VERSUS PASSENGER VEHICLE (UNKNOWN TYPE) AT A GRADE CROSSING. THE CALLER STATED THAT THERE IS ONE REPORTED FATALITY TO THE OCCUPANT OF THE VEHICLE. CALLER STATED THAT CONFIRMATION OF THE FATALITY WAS AT 444 CDT/1644 LOCAL TIME.

Calls Information

Date Time Received:	1/21/2016 5:53:29 PM	***Responsible City:***	
Date Time Complete:	1/21/2016 6:00:16 PM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:		***Source:***	TELEPHONE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	U
NPDES:		***Airbag Deployed:***	U
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	HARVARD
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:		***Structure Oper:***	U
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:		***Passenger Handling:***	CALLER STATED IT IS UNKNOWN HOW THE PASSENGERS WILL BE HANDLED.
Type of Fuel:		***Passenger Route:***	YES
DOT Crossing No:	176927M	***Passenger Delay:***	YES
DOT Regulated:	U	***Sub Part C Test Req:***	UNK
Pipeline Type:		***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	
Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:	23.08	***Brakeman Test:***	
Grade Crossing:	Y	***Train Dispat Test:***	
Crossing Device Ty:	GATES	***Signalman Test:***	
Ty Vehicle Involved:	UNKNOWN	***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	RC20160010
Release Rate:		***State Agen on Scene:***	LOCAL RESPONDERS
Release Rate Unit:		***State Agen Notified:***	OEM
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	INVESTIGATION UNDERWAY.	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	UNKNOWN
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	N	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:	1	***Water Supp Contam:***	U

Any Fatalities:	Y	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	1
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	Y	***Sheen Size Length U:***	
Track Desc:	TRIPLE MAIN	***Sheen Size Width:***	
Track Closure Time:	2.5	***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:	ALL	***Dir of Sheen Travel:***	
Media Interest:	UNKNOWN	***Sheen Odor Desc:***	
Medium Desc:	RAIL REPORT (N/A)	***Duration Unit:***	
Addl Medium Info:	/GRADE CROSSING INCIDENT	***Additional Info:***	

Site:

LAKE MICHAGAN IL

ERNS

NRC Report No:	760921	***Latitude Degrees:***	42
Type of Incident:	AIRCRAFT	***Latitude Minutes:***	5
Incident Cause:	UNKNOWN	***Latitude Seconds:***	
Incident Date:	6/3/2005 2:15:00 PM	***Longitude Degrees:***	87
Incident Location:		***Longitude Minutes:***	15
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	N
Distance Units:		***Long Quad:***	W
Potential Flag:		***Location Section:***	
Year:	Year 2005 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		

Description of Incident: CALLER FROM THE CITY OF CHICAGO OEM STATED AN AIRLINER HAD TO DUMP ITS FUEL INTO LAKE MICHIGAN DUE TO THE PLANE HITTING RUBBER AND METAL ON THE RUNWAY DUE TO UNKNOWN CAUSES DURING TAKE OFF. PLANE RETURNED TO THE RUNWAY AND DUMPED FUEL AS A PRECAUTION INTO LAKE MICHIGAN.

Material Spill Information

Chris Code:	JPO	***Unit of Measure:***	POUND(S)
CAS No:	000000-00-0	***If Reached Water:***	YES
UN No:		***Amount in Water:***	310000
Name of Material:	JET FUEL: JP-1 (KEROSENE)	***Unit Reach Water:***	POUND(S)
Amount of Material:	310000		

Calls Information

Date Time Received:	6/3/2005 4:08:29 PM	***Responsible City:***	
Date Time Complete:	6/3/2005 4:24:59 PM	***Responsible State:***	IL
Call Type:	INC	***Responsible Zip:***	
Resp Company:	UNITED AIRLINES	***Source:***	TELEPHONE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	

Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:	UAL881	***Allision:***	N
Aircraft Runway No:	14 RIGHT	***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:	COMMERCIAL	***Structure Oper:***	U
Aircraft Model:	747	***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:		***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:		***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	
Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:		***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:		***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	Y	***State Agen Report No:***	NONE
Release Rate:		***State Agen on Scene:***	NONE
Release Rate Unit:		***State Agen Notified:***	FIRE, OEM
Release Rate Rate:		***Fed Agency Notified:***	NONE
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	NO ACTION HAS BEEN TAKEN.	***Body of Water:***	LAKE MICHIGAN
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	PARTLY CLOUDY
Radius of Evacu:		***Air Temperature:***	66
Any Injuries:	N	***Wind Direction:***	ESE
No. Injured:		***Wind Speed:***	7
No. Hospitalized:		***Wind Speed Unit:***	MPH
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	N	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	N
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	

Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:	NONE	***Sheen Odor Desc:***	
Medium Desc:	WATER	***Duration Unit:***	
Addl Medium Info:	LAKE MICHIGAN	***Additional Info:***	CALLER DID NOT HAVE ALL OF THE INFORMATION.

Site:

LAKE COOK RD NEAR MILWAUKEE AVE BUFFALO GROVE IL

ERNS

NRC Report No:	231358	***Latitude Degrees:***	
Type of Incident:	FIXED	***Latitude Minutes:***	
Incident Cause:	UNKNOWN	***Latitude Seconds:***	
Incident Date:	3/23/1994 11:30:00 AM	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	DISCOVERED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:		***Location Section:***	
Year:	Year 1994 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		
Description of Incident:	CALLER STATES THAT THERE IS CONSTRUCTION NEAR RIVER AND ALL BYPRODUCTSOF CONST ARE ENTERING RIVER (DIRT,SEDIMENT, WATER)		

Material Spill Information

Chris Code:	UNK	***Unit of Measure:***	UNKNOWN AMOUNT
CAS No:		***If Reached Water:***	YES
UN No:		***Amount in Water:***	0
Name of Material:	UNKNOWN MATERIAL	***Unit Reach Water:***	UNKNOWN AMOUNT
Amount of Material:	0		

Calls Information

Date Time Received:	3/23/1994 12:33:17 PM	***Responsible City:***	WHEELING
Date Time Complete:	3/23/1994 12:37:20 PM	***Responsible State:***	IL
Call Type:	INC	***Responsible Zip:***	
Resp Company:	UNKNOWN CONSTRUCTION CO	***Source:***	UNAVAILABLE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:	UNKNOWN	***Structure Oper:***	Y
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	

Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:	UNKNOWN	***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:	UNKNOWN	***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	U	***Yard Foreman Test:***	
Railroad Hotline:	No	***RCL Operator Test:***	
Railroad Milepost:	UNKNOWN	***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:	UNKNOWN	***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:		***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	NONE	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:		***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	
Who Evacuated:		***Weather Conditions:***	
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	U	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	
Any Fatalities:	U	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:		***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:		***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:		***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:		***Sheen Size Length:***	
Track Closed:		***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:		***Sheen Odor Desc:***	
Medium Desc:	WATER	***Duration Unit:***	
Addl Medium Info:	DES PLAINES RIVER	***Additional Info:***	

Site:

645 WEST UNIVERSITY DRIVE ARLINGTON HEIGHTS IL ERNS

NRC Report No:	507233	***Latitude Degrees:***	

Type of Incident:	FIXED	***Latitude Minutes:***	
Incident Cause:	DUMPING	***Latitude Seconds:***	
Incident Date:	11/23/1999 12:00:00 PM	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	DISCOVERED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:		***Location Section:***	
Year:	Year 1999 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		

Description of Incident: THE CALLER STATES THAT THE COMPANY DUMPS THEIR WASTE MATERIALS DOWN THEDRAIN

Material Spill Information

Chris Code:	UNK	***Unit of Measure:***	UNKNOWN AMOUNT
CAS No:		***If Reached Water:***	YES
UN No:		***Amount in Water:***	0
Name of Material:	MISC. PRINTING WASTE MATERIALS	***Unit Reach Water:***	UNKNOWN AMOUNT
Amount of Material:	0		

Calls Information

Date Time Received:	11/30/1999 11:16:09 AM	***Responsible City:***	ARLINGTON HEIGHTS
Date Time Complete:	11/30/1999 11:19:33 AM	***Responsible State:***	IL
Call Type:	INC	***Responsible Zip:***	
Resp Company:	TPM GRAPHICS	***Source:***	UNAVAILABLE
Resp Org Type:	PRIVATE ENTERPRISE		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:	UNKNOWN	***Structure Oper:***	Y
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:	UNKNOWN	***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:	UNKNOWN	***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	U	***Yard Foreman Test:***	
Railroad Hotline:	No	***RCL Operator Test:***	
Railroad Milepost:	UNKNOWN	***Brakeman Test:***	

Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:	UNKNOWN	***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	NONE	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	U	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	U	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	N
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:		***Sheen Odor Desc:***	
Medium Desc:	WATER	***Duration Unit:***	
Addl Medium Info:	DRAIN	***Additional Info:***	THE CALLER HAD NO OTHER INFORMATION

Site:

OFF OF LAKE STREET IL

ERNS

NRC Report No:	883971	***Latitude Degrees:***	
Type of Incident:	RAILROAD	***Latitude Minutes:***	
Incident Cause:	DERAILMENT	***Latitude Seconds:***	
Incident Date:	9/15/2008 11:39:00 AM	***Longitude Degrees:***	
Incident Location:	RAIL YARD	***Longitude Minutes:***	
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:	No	***Location Section:***	
Year:	Year 2008 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	COOK		

Description of Incident: CALLER IS REPORTING A SPILL OF DIESEL FUEL FROM A DERAILMENT, DUE TO UNKNOWN CAUSES. AN INVESTIGATION IS UNDERWAY.

Material Spill Information

Chris Code:	ODS	***Unit of Measure:***	GALLON(S)
CAS No:	000000-00-0	***If Reached Water:***	NO
UN No:		***Amount in Water:***	
Name of Material:	OIL: DIESEL	***Unit Reach Water:***	
Amount of Material:	25		

Calls Information

Date Time Received:	9/15/2008 4:12:35 PM	***Responsible City:***	
Date Time Complete:	9/15/2008 4:24:51 PM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:		***Source:***	TELEPHONE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	U
NPDES:		***Airbag Deployed:***	U
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	PROBISO
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	U
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:		***Structure Oper:***	U
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:		***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	UNK
DOT Crossing No:		***Passenger Delay:***	UNK
DOT Regulated:	U	***Sub Part C Test Req:***	UNK
Pipeline Type:		***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	
Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:	14.68	***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:		***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	Y	***State Agen Report No:***	RR-2008-0075
Release Rate:		***State Agen on Scene:***	NONE
Release Rate Unit:		***State Agen Notified:***	OEM, MWRD
Release Rate Rate:		***Fed Agency Notified:***	NONE
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	INVESTIGATION UNDERWAY AND RERAILMENT IN PROGRESS.	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	

Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	PARTLY CLOUDY
Radius of Evacu:		***Air Temperature:***	62
Any Injuries:	N	***Wind Direction:***	W
No. Injured:		***Wind Speed:***	3
No. Hospitalized:		***Wind Speed Unit:***	MPH
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	N	***Water Temperature:***	
Any Damages:	U	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	
Waterway Close Time:		***Passengers Transfer:***	NO
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:	NONE	***Sheen Odor Desc:***	
Medium Desc:	BALLAST	***Duration Unit:***	
Addl Medium Info:		***Additional Info:***	NO ADDITIONAL INFORMATION.

Site:

LAKE-COOK ROAD BETWEEN MILWAUKEE AVE & NORTH GATE ROAD WHEELING IL ERNS

NRC Report No:	608460	***Latitude Degrees:***	
Type of Incident:	UNKNOWN SHEEN	***Latitude Minutes:***	
Incident Cause:	UNKNOWN	***Latitude Seconds:***	
Incident Date:	6/4/2002 6:30:00 PM	***Longitude Degrees:***	
Incident Location:	UNMARKED LAKE < LAKE	***Longitude Minutes:***	
Incident Dtg:	DISCOVERED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Potential Flag:		***Location Section:***	
Year:	Year 2002 Reports	***Location Township:***	
Direction from City:		***Location Range:***	
Location County:	LAKE		

Description of Incident: THE CALLER REPORTED UNKNOWN SHEEN IN THE WATER

Material Spill Information

Chris Code:	OUN	***Unit of Measure:***	UNKNOWN AMOUNT
CAS No:	000000-00-0	***If Reached Water:***	YES
UN No:		***Amount in Water:***	0
Name of Material:	UNKNOWN OIL	***Unit Reach Water:***	UNKNOWN AMOUNT
Amount of Material:	0		

Calls Information

Date Time Received:	6/4/2002 9:53:36 PM	***Responsible City:***	
Date Time Complete:	6/4/2002 10:00:46 PM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:		***Source:***	TELEPHONE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:	UNKNOWN	***Structure Oper:***	U
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:	UNKNOWN	***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:		***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	
Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:		***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:		***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	NONE	***Body of Water:***	LAKE < LAKE
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	N	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	N	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	N

Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	RAINBOW
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:	NONE	***Sheen Odor Desc:***	KEROSENE
Medium Desc:	WATER	***Duration Unit:***	
Addl Medium Info:	LAKE < LAKE	***Additional Info:***	THE CALLER STATED RELEASE GOES FROM ONE LAKE TO ANOTHER LAKE AND IS LOCATED IN BETWEEN LAKE AND COOK COUNTY. THE CALLER STATED IT LOOKS LIKE SOMEONE DUMPED KEROSENE INTO WATER.

Site: ***PLOTE INC.***
LAKE-COOK RD. W. OF PORTWINE WHEELING IL 60090

FINDS/FRS

Registry ID:	110007051858
FIPS Code:	17031
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	01-MAR-2000 00:00:00
Update Date:	09-JAN-2015 17:46:00
Interest Types:	AIR MINOR, STATE MASTER
SIC Codes:	9999
SIC Code Descriptions:	NONCLASSIFIABLE ESTABLISHMENTS
NAICS Codes:	212312
NAICS Code Descriptions:	CRUSHED AND BROKEN LIMESTONE MINING AND QUARRYING.
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	
Census Block Code:	
EPA Region Code:	05
County Name:	COOK
US/Mexico Border Ind:	
Latitude:	
Longitude:	
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110007051858
Program Acronyms:	

ACES:170000065809, AIR:IL000031823AAN, AIRS/AFS:1703103388

Site: ***COOK COUNTY BRIDGE***
LAKE COOK RD WHEELING IL 60090

FINDS/FRS

Registry ID:	110012271932
FIPS Code:	17031
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	

Supplemental Location: OVR WI CENTRAL RR
Create Date: 01-MAR-2000 00:00:00
Update Date: 26-JAN-2012 16:24:23
Interest Types: HAZARDOUS WASTE BIENNIAL REPORTER, UNSPECIFIED UNIVERSE
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110012271932
Program Acronyms:

BR:ILR000112136, RCRAINFO:ILR000112136

Site: ***TARGET STORE 1385***
1400 E LAKE COOK RD WHEELING IL 60090

FINDS/FRS

Registry ID: 110022813268
FIPS Code: 17031
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 06-OCT-2005 14:09:54
Update Date: 28-MAR-2014 23:02:38
Interest Types: HAZARDOUS WASTE BIENNIAL REPORTER, SQG, STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes: 452112
NAICS Code Descriptions: DISCOUNT DEPARTMENT STORES.
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 05
County Name: COOK
US/Mexico Border Ind:
Latitude: 42.15332
Longitude: -87.95081
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110022813268
Program Acronyms:

ACES:170001611021, BR:ILR000137083, RCRAINFO:ILR000137083

Site: ***COOK COUNTY HWY DEPT***
LAKE COOK RD & WI CENTRAL RR WHEELING IL 60090

FINDS/FRS

Registry ID:	110024856798
FIPS Code:	17031
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	10-JUN-2006 11:23:27
Update Date:	16-MAY-2008 11:07:34
Interest Types:	STATE MASTER
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	
Census Block Code:	
EPA Region Code:	05
County Name:	COOK
US/Mexico Border Ind:	
Latitude:	
Longitude:	
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110024856798
Program Acronyms:	

ACES:170000406692

Site: ***CHEVY CHASE SEWER & WATER CO***
RTE 21, .5 M N OF LAKE-COOK RD WHEELING IL 60090

FINDS/FRS

Registry ID:	110054184654
FIPS Code:	17097
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	21-NOV-2012 13:30:14
Update Date:	29-DEC-2014 15:24:31
Interest Types:	STATE MASTER
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No.:	
Census Block Code:	
EPA Region Code:	05
County Name:	LAKE
US/Mexico Border Ind:	
Latitude:	

Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110054184654
Program Acronyms:

ACES:170001957407

Site:

EAST LAKE/COOK RD BUFFALO GROVE IL

HMIRS

Incident County: COOK

HMIR Incident Reports

Report No:	I-1994041246	***Fed DOT Agency Nm:***	
Report Type:	A hazardous material incident	***Fed DOT Report No:***	
Date of Incident:	04/14/1994	***Report Submit Src:***	Paper
Time of Incident:	1315	***Inc Multiple Rows:***	No
Haz Class Code:	3	***Inc Non US State:***	
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID	***Mode Transport:***	Highway
Commodity Short Nm:	GASOLINE INCLUDES GASOLI	***Transport Phase:***	UNLOADING
Commodity Long Nm:	GASOLINE INCLUDES GASOLINE MIXED WITH ETHYL ALCOHOL WITH NOT MORE THAN 10% ALCOHOL	***Incident Occrrnce:***	
Trade Name:		***Mat Ship Approval?:***	No
ID No:	UN1203	***Mat Ship Approv No:***	
Haz Waste Ind:	No	***Undecl Hazmat Ship?:***	No
Haz Waste EPA No:		***Packaging Type:***	Cargo Tank Motor Vehicle (CTMV)
HMIS Tox Inhalation?:	No	***Packing Group:***	
TIH Hazard Zone:		***Carrier Reporter:***	SHELL OIL COMPANY
Qty Released:	277	***CR Street Name:***	150 N DAIRY ASHFORD RD A
Unit of Measure:	LGA	***CR City:***	HOUSTON
What Failed:		***CR State:***	TX
What Failed Desc:		***CR Postal Code:***	77079-1116
How Failed Code:		***CR Non US State:***	
How Failed Desc:		***CR Fed DOT ID:***	0
Failure Cause Code:	508	***CR Hazmat Reg ID:***	
Failure Cause Desc:	Defective Component or Device	***CR Country:***	US
Ident. Markings:		***Shipper Name:***	SHELL OIL COMPANY
Cont1 Pkging Type:		***Shipper Street Name:***	150 N DAIRY ASHFORD RD A
Cont1 Const Mat:		***Shipper City:***	HOUSTON
Cont1 Head Type:		***Shipper State:***	TX
Cont1 Pkg Capacity:	9000	***Shipper Postal:***	77079-1116
C1 Capacity UOM:	LGA	***Shipper Non US St:***	
Cont1 Pkg Amt:		***Shipper Country:***	US
C1 Pkg Amt UOM:		***Shipper Waybill:***	BL# 225333
Cont1 Pkg No:	1	***Ship Hazmat Reg ID:***	
C1 Pkg NO Failed:	1	***Origin City:***	ARLINGTON HEIGHTS
Cont1 Pkg Mnfctr:	HEIL COMPANY	***Origin State:***	ILLINOIS
Cont1 Pkg Mnfct Dt:		***Origin Postal:***	60005
Cont1 Pkg Serial NO:	1HLA3A7B25	***Origin Non US St:***	
C1 Pkg Last Test Dt:		***Origin Country:***	US
C1 Test Const Mat:		***Destination City:***	BUFFALO GROVE
C1 Pkg Dsign Pres.:		***Destination State:***	ILLINOIS
C1 Dsign Press UOM:		***Destination Postal:***	
C1 Pkg Shell Thick:		***Destination Non US:***	
C1 Shell Thick UOM:		***Destination Country:***	US
C1 Head Thickness:		***Cont2 Package Type:***	
C1 Head Thick UOM:		***Cont2 Const Mat:***	
C1 Pkg Srvc Pres.:		***Cont2 Pkg Capacity:***	
C1 Srvc Press UOM:		***Cont2 Capacity UOM:***	
C1 Valve/Device Fail?:	No	***Cont2 Pkg Amount:***	
C1 Device Type:		***Cont2 Pkg Amt UOM:***	

C1 Device Mnfctr:		***Cont2 Pkg No:***	
C1 Device Model:		***Cont2 Pkg No Failed:***	
NRC No:			
RAM Pkg Category:		***Haz NonHosp Public:***	0
RAM Pkg Cert.:	FALSE	***Haz NonHosp Old:***	0
RAM Pkg Cert. NBR:		***Tot Haz Non Hosp Inj:***	0
RAM Nuclide S:		***Total Hazmat Injuries:***	0
RAM Transport Index:		***Evacuation Indicator:***	No
RAM UOM:		***Public Evacuated:***	0
RAM Activity Rpted:		***Employees Evac:***	0
RAM UOM Rpted:		***Total Evacuated:***	0
RAM Activity:		***Total Evacuation Hrs:***	0
RAM Activity UOM:		***Major Artery Closed:***	No
RAM Mat Safety:		***Mjr Artery Hrs Closed:***	0
Spillage Result:	Yes	***Material Involved:***	No
Fire Result:	No	***Estimated Speed:***	0
Explosion Result:	No	***Weather Conditions:***	
Water Sewer Result:	No	***Vehicle Overturn:***	No
Gas Dispersion:	No	***Vehicle Left Roadway:***	No
Environment Damage:	No	***Passenger Aircraft:***	No
No Release Result:	No	***Cargo Baggage:***	
Fire EMS Report:	No	***Ship Non Transport:***	No
Fire EMS EMS Report:		***Ship Air First Flight:***	No
Police Report:	No	***Ship Air Subflight:***	No
Police Report No:		***Ship Init Transport:***	No
In House Cleanup:	No	***Ship Phase Transfer:***	No
Other Cleanup:	No	***Contact Name:***	R M HERRERA
Damage > 500:	Yes	***Contact Title:***	PCT SUPT
Material Loss:	192	***Contact Business:***	
Carrier Damage:	0	***Contact Street:***	
Property Damage:	0	***Contact City:***	
Response Cost:	0	***Contact State:***	
Remediation Cost:	1200	***Contact Postal:***	
Damage Old Form:	0	***Contact Non US St:***	
Total Damages Amt:	1392	***Contact Country:***	US
Hazmat Fatality:	No	***Inc. Report Prepared:***	
Haz Fatal Employees:	0	***HMIS Serious Incidnt:***	Yes
Haz Fatal Respndrs:	0	***HMIS Serious Fatality:***	No
Haz Fatal Gen Public:	0	***HMIS Serious Injury:***	No
Tot Hazmat Fatalities:	0	***HMIS Flight Plan:***	No
Non Hazmat Fatality:	No	***HMIS Serious Evacs:***	No
Non Hazmat Fatals:	0	***HMIS Major Artery:***	No
Hazmat Injury:	No	***HMIS Bulk Release:***	Yes
Haz Hospital Empl:	0	***HMIS Marine Pollutnt:***	No
Haz Hospital Resp:	0	***HMIS Radioactive:***	No
Haz Hosp Gen Public:	0	***HMIS Gen Pkg Type:***	OHMIR.Ref_Container.descr_txt
Haz Hosp Old Form:	0	***HMIS Container Code:***	MC306
Total Haz Hosp Inj:	0	***HMIS Container Desc:***	Cargo tanks
Haz Non Hosp Empl:	0	***HMIS Bulk Incident:***	Yes
Haz Non Hosp Resp:	0	***Undeclared Shipment:***	No

Description of Events: WHILE THE CARGO TANKER WAS UNLOADING OF THE SCOTTVILLE STATION THE OVERFILL PROTECTION FLAP ON THE UNDERGROUND STORAGE TANK PREMATURELY CLOSED CAUSING THE DROP FITTING TO COME LOOSE FROM THE FILL-UP. THE FITTING TURNED SIDEWAYS ALLOWING GASOLINE TO SPILL ONTO THE STATION PARKING LOT. THE DRAWER CLOSED ALL OF THE UNLOADING VALVES IMMEDIATELY. BUFFALO GROVE FIRE DEPARTMENT WAS CALLED. HERITAGE ENVIRONMENTAL WAS CALLED OUT TO PERFORM CLEAN-UP. SHELL OIL RETAIL ENGINEERING IS INVESTIGATING CORRECTION ACTION.

Recommend Actions Taken:

Site: ***PROFILE PRODUCTS LLC***
750 LAKE COOK ROAD SUITE 440 BUFFALO GROVE IL 60089 PRP

Site EPA ID:	GAD981258270
Site Name:	CONSTITUTION ROAD DRUM SITE
Site NPL Status:	Not on the NPL
Site Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

Noticed Party Action Information

Action Type Seq: AC-1
Action Name: ADM ORDR
Action Date: SETTLEMENT DATE 09/26/2006

Site: ***COOK COUNTY BRIDGE***
LAKE COOK RD OVR WI CENTRAL RR WHEELING IL 60090

RCRA NON GEN

EPA Handler ID: ILR000112136
Gen Status Universe: No Report
Contact Name: ENV COORDINATOR
Contact Address: US
Contact Phone No and Ext: 312-603-1740
Contact Email:
Contact Country: US
County Name: COOK
EPA Region: 05
Land Type: County
Receive Date: 20060401

Violation/Evaluation Summary

Note: NO RECORDS: As of August 2019, 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 Handler Details

Sequence No: 1
Receive Date: 20020501
Handler Name: COOK COUNTY BRIDGE
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060401
Handler Name: COOK COUNTY BRIDGE
Generator Status Universe: No Report
Source Type: Annual/Biennial Report update with Notification

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	County	***Street 1:***	
Name:	COOK COUNTY BRIDGE	***Street 2:***	
Date Became Current:	19000101	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	County	***Street 1:***	69 W WASHINGTON
Name:	COOK COUNTY HIGHWAY DEPT	***Street 2:***	
Date Became Current:		***City:***	CHICAGO
Date Ended Current:		***State:***	IL
Phone:	312-603-1740	***Country:***	
Source Type:	Notification	***Zip Code:***	60602

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	County	***Street 1:***	
Name:	COOK COUNTY BRIDGE	***Street 2:***	
Date Became Current:	19000101	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	

Site: ***MOTOROLA INC***
852 TO 890 HASTINGS LAKE BUFFALO GROVE IL 60089

RCRA NON GEN

EPA Handler ID:	ILD984804971
Gen Status Universe:	No Report
Contact Name:	ENV COORDINATOR
Contact Address:	US
Contact Phone No and Ext:	847-632-7700
Contact Email:	
Contact Country:	US
County Name:	LAKE
EPA Region:	05
Land Type:	Private
Receive Date:	20060401

Violation/Evaluation Summary

Note: NO RECORDS: As of August 2019, 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 Handler Details

Sequence No: 1

Receive Date: 19901015
Handler Name: MOTOROLA INC
Generator Status Universe: No Report
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19920301
Handler Name: MOTOROLA INC
Generator Status Universe: No Report
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060401
Handler Name: MOTOROLA INC
Generator Status Universe: No Report
Source Type: Annual/Biennial Report update with Notification

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: CHEVY CHASE BUSINESS PK LTD PT
Date Became Current:
Date Ended Current:
Phone:
Source Type: Notification
Street No:
Street 1:
Street 2:
City:
State:
Country:
Zip Code:

Owner/Operator Ind: Current Owner
Type: Private
Name: MOTOROLA INC
Date Became Current: 19000101
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report update with Notification
Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

Owner/Operator Ind: Current Operator
Type: Private
Name: MOTOROLA INC
Date Became Current: 19000101
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report update with Notification
Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

Site: ***Ahmet Tuzik***
2737 W Glenlake Chicago IL

SPILLS

Incident No: H-2019-0892
Date/Time Occurred:
Area Involved: Fixed Facility
Media Release: Ground
Milepost: N/A
County: Cook
Facility Manager: Ahmet Tuzik
Fac Manager Phone: 773/343-9355
Responsible Party Street: 2737 W Glenlake
Section: N/A
Township: N/A
Range: N/A
Latitude: 41.992184
Longutude: -87.698402

Hazardous Materials Incident Report

Hazmat Incident Type:	Leak or spill	***Date Entered:***	
LUST?:	Yes	***Entered by:***	Kirgan, Ken (IEMA)
Data Input Status:	Closed	***Caller:***	David Streich
Incident Report Date:	8/27/2019 12:39:54 PM	***Caller Represents:***	Chicago Tank Removal
Street Address:	2737 W Glenlake		
City:	Chicago		
County:	Cook		
URL:	https://public.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx?RptNum=H-2019-0892		
Narrative:			

Follow Up Information:

Weather Information

Temp:	n/a
Wind:	n/a

Materials Involved

Name:	Heating Oil	***Cause of Release:***	tank failure due to corrosion
Type:	Liquid	***Est Spill Extent:***	Unknown
CHRIS CODE:	Unknown	***Spill Extent Units:***	
CAS No:	Unknown	***Date/Time Inc Occur:***	
UN/NA No:	Unknown	***Unknown Occurr:***	Yes
Container Type:	Under ground storage tank	***Date/Time Discov:***	2019-08-27 12:00
Container Size:	1-1,000 gallons	***Unknown Discovered:***	
Amount Released:	unknown	***Where Taken:***	none
Rate of Release Min:	Unknown	***On Scene Contact:***	David Streich
Duration of Release:	Unknown	***No of People Evacuat:***	0
A 302(a) Extremely Haz Sub?:	No		
A RCRA Hazardous Waste?:	No		
A RCRA Regulated Facility?:	No		
Public Health Risks:	none		
State Agency Assistance:	none		
Containment/Cleanup Plans:	tank has been removed, Chicago Tank Removal will clean it up.		

Emergency Units Contacted

Contacted ESDA?:		***Name of Police Dep:***	None
ESDA on Scene?:		***Sheriff Police Dep?:***	
Spec ESDA Agency:	None	***Sheriff Dep on Scene:***	
Contacted Fire Dep?:		***Name of Sheriff Dep:***	None
Fire Dep on Scene?:		***Other Agency ?:***	
Name of Fire Dep:	None	***Agency on Scene?:***	Yes
Police Dep Contact?:		***Name of Agency:***	City of Chicago inspector
Police Dep on Scene:			

Agency or Persons Notified

Agency:	IEPA, NRTP, OSFM, CFD, IEMA Region 4	***Name of Person:***	emailed
Date/Time:	2019-08-27 12:43	***Notification Action:***	Report Sent

---

Site: ***RAIN-RD CONSTRUCTION***
LAKE SIDE CIRCLE TOWN HOUSE COMPLEX WHEELING IL

SPILLS2

Incident ID:	NL830407	***Occured Date:***	
Received Date:	5/29/1983	***Incident LUST:***	
Action:		***Incident County:***	COOK
Action Descrlption:			

Site: ***RAIN-RD CONSTRUCTION***

SPILLS2

LAKE SIDE CIRCLE TOWN HOUSE COMPLEX WHEELING IL

Incident ID: NL830407
Received Date: 5/28/1983
Action:
Action Descrlption:

Occured Date:
Incident LUST:
Incident County: COOK

Site: ***VILLAGE OF ARLINGTON HEIGHTS***
LAKE COOK ROAD [CREEK ON N. END NEAR TERRAMERE SUBDIVISION] ARLINGTON HEIGHTS IL SPILLS2

Incident ID: NL850786
Received Date: 7/17/1985
Action:
Action Descrlption:

Occured Date:
Incident LUST:
Incident County: COOK

Site: ***TEMPO 2 CO.***
DEER VALLEY RD 1 MI N OF LAKE-COOK RD WHEELING IL SPILLS2

Incident ID: NL810201
Received Date: 4/9/1981
Action:
Action Descrlption:

Occured Date:
Incident LUST:
Incident County: LAKE

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: Aug 20, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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: Aug 20, 2019

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: 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: Aug 26, 2019

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: Aug 26, 2019

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: Aug 26, 2019

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: Aug 26, 2019

RCRA Conditionally Exempt and Very 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. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Conditionally Exempt and Very Small Quantity Generators (VSQG and CESQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG and CESQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Aug 26, 2019

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: Aug 26, 2019

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: Jun 11, 2019

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: Jun 11, 2019

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: Mar 21, 2019

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: Sep 3, 2019

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

Petroleum Refineries: REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Jul 17, 2018

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jan 18, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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: Aug 20, 2019

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 Northeastern Illinois: NIPC

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: Apr 30, 2018

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 17, 2019

Leaking UST Document: LUST DOCUMENT

A list of sites from the Illinois Environmental Protection Agency (IEPA) Document Explorer at which one or more of the documents is in the Leaking Underground Storage Tank (LUST) category. The IEPA Document Explorer provides online access to numerous Illinois EPA public records which are maintained in a digital format.

Government Publication Date: Jun 10, 2019

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 17, 2019

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, 2019

Aboveground Storage Tanks (AST): AST

A list of aboveground storage tanks inspected by the Office of State Fire Marshal (OSFM).

Government Publication Date: Jun 30, 2019

Delisted Storage Tanks: DELISTED TANK

This database contains a list of closed storage tank sites that were removed from the illinois Department of Enivornmental Quality.

Government Publication Date: Sep 18, 2019

Sites with Engineering Controls: ENG

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remedition Program (SRP) database with engineering controls in place.

Government Publication Date: Sep 11, 2019

Institutional Controls: INST

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remedition Program (SRP) database with institutional controls in place.

Government Publication Date: Sep 11, 2019

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: Sep 11, 2019

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: Sep 12, 2019

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: Sep 18, 2019

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: Sep 12, 2019

Additional Environmental Record Sources

Federal

PFOA/PFOS Contaminated Sites: PFAS NPL

List of sites where PFOA or PFOS contaminants have been found in drinking water or soil. Made available by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Nov 15, 2018

Facility Registry Service/Facility Index: FINDS/FRS

The US Environmental Protection Agency (EPA)'s Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, data collected from EPA's Central Data Exchange registrations and data management personnel.

Government Publication Date: Apr 23, 2019

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Dec 31, 2017

Perfluorinated Alkyl Substances (PFAS) Releases: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Dec 31, 2017

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Jan 8, 2019

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: Sep 26, 2019

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

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Aug 20, 2019

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

Integrated Compliance Information System (ICIS): ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Nov 18, 2016

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: May 29, 2018

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: May 29, 2018

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: Oct 23, 2018

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: Nov 1, 2018

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: May 3, 2019

Alternative Fueling Stations: ALT FUELS

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Oct 1, 2019

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: May 31, 2019

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: Mar 20, 2019

State

Per- and Polyfluoroalkyl Substances (PFAS): PFAS

A list of reports taken by the Illinois Emergency Management Agency (IEMA) of incidents involving hazardous materials, where the hazardous material involved in the incident is in the PFAS Master List of PFAS Substances made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Sep 12, 2019

Spills and Incidents: SPILLS

A list of reports taken by Illinois Emergency Management Agency (IEMA) of Hazardous Material spills in Illinois.

Government Publication Date: Sep 12, 2019

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: Sep 12, 2019

Dry Cleaning Facilities: DRYCLEANERS

A list of licensed drycleaners facilities provided by Drycleaner Environmental Response Trust Fund of Illinois.

Government Publication Date: Aug 18, 2019

Tier 2 Report: TIER 2

List of facilities who submit Tier II forms to the Illinois Emergency Management Agency (IEMA).

Government Publication Date: Sep 16, 2019

Delisted Drycleaners: DELISTED DRYCLEANERS

List of sites removed from the drycleaners database made available by the Drycleaner Environmental Response Trust Fund of Illinois.

Government Publication Date: Aug 18, 2019

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: Sep 14, 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.

Cook County Prevailing Wage Rates posted on 1/28/2020

						Overtime								
Trade Title	**Rg**	**Type**	**C**	**Base**	**Foreman**	**M-F**	**Sa**	**Su**	**Hol**	**H/W**	**Pension**	**Vac**	**Trng**	**Other Ins**
ASBESTOS ABT-GEN	All	ALL		43.72	44.72	1.5	1.5	2.0	2.0	14.99	13.61	0.00	0.90	
ASBESTOS ABT-MEC	All	BLD		37.88	40.38	1.5	1.5	2.0	2.0	13.42	12.20	0.00	0.72	
BOILERMAKER	All	BLD		50.51	55.05	2.0	2.0	2.0	2.0	6.97	14.65	0.00	1.10	
BRICK MASON	All	BLD		46.88	51.57	1.5	1.5	2.0	2.0	10.85	19.31	0.00	0.95	
CARPENTER	All	ALL		48.55	50.55	1.5	1.5	2.0	2.0	11.79	21.84	0.00	0.73	
CEMENT MASON	All	ALL		46.25	48.25	2.0	1.5	2.0	2.0	14.50	19.04	0.00	1.25	
CERAMIC TILE FINISHER	All	BLD		40.56	40.56	1.5	1.5	2.0	2.0	11.00	12.80	0.00	0.86	
COMMUNICATION ELECTRICIAN	All	BLD		44.86	47.66	1.5	1.5	2.0	2.0	10.22	13.48	1.25	1.15	0.07
ELECTRIC PWR EQMT OP	All	ALL		53.40	58.40	1.5	1.5	2.0	2.0	12.36	17.72	0.00	3.39	
ELECTRIC PWR GRNDMAN	All	ALL		41.65	58.40	1.5	1.5	2.0	2.0	9.64	13.82	0.00	2.65	
ELECTRIC PWR LINEMAN	All	ALL		53.40	58.40	1.5	1.5	2.0	2.0	12.36	17.72	0.00	3.39	
ELECTRICIAN	All	ALL		49.35	52.35	1.5	1.5	2.0	2.0	15.69	17.02	1.25	1.48	0.40
ELEVATOR CONSTRUCTOR	All	BLD		56.61	63.69	2.0	2.0	2.0	2.0	15.58	17.51	4.53	0.62	
FENCE ERECTOR	All	ALL		42.88	44.88	1.5	1.5	2.0	2.0	13.64	14.89	0.00	0.65	
GLAZIER	All	BLD		44.85	46.35	1.5	2.0	2.0	2.0	14.49	22.29	0.00	0.94	
HEAT/FROST INSULATOR	All	BLD		50.50	53.00	1.5	1.5	2.0	2.0	13.42	13.66	0.00	0.72	
IRON WORKER	All	ALL		50.63	52.63	2.0	2.0	2.0	2.0	14.65	23.78	0.00	0.44	
LABORER	All	ALL		43.72	44.47	1.5	1.5	2.0	2.0	14.99	13.61	0.00	0.90	
LATHER	All	ALL		48.55	50.55	1.5	1.5	2.0	2.0	11.79	21.84	0.00	0.73	
MACHINIST	All	BLD		48.93	51.43	1.5	1.5	2.0	2.0	7.68	8.95	1.85	1.32	
MARBLE FINISHER	All	ALL		35.15	48.33	1.5	1.5	2.0	2.0	10.85	17.66	0.00	0.52	
MARBLE MASON	All	BLD		46.03	50.63	1.5	1.5	2.0	2.0	10.85	18.78	0.00	0.64	
MATERIAL TESTER I	All	ALL		33.72		1.5	1.5	2.0	2.0	14.99	13.61	0.00	0.90	
MATERIALS TESTER II	All	ALL		38.72		1.5	1.5	2.0	2.0	14.99	13.61	0.00	0.90	
MILLWRIGHT	All	ALL		48.55	50.55	1.5	1.5	2.0	2.0	11.79	21.84	0.00	0.73	
OPERATING ENGINEER	All	BLD	1	51.10	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	2	49.80	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	3	47.25	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	4	45.50	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	5	54.85	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	6	52.10	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	

OPERATING ENGINEER	All	BLD	7	54.10	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	FLT	1	58.20	58.20	1.5	1.5	2.0	2.0	19.65	15.10	2.00	1.40	
OPERATING ENGINEER	All	FLT	2	56.70	58.20	1.5	1.5	2.0	2.0	19.65	15.10	2.00	1.40	
OPERATING ENGINEER	All	FLT	3	50.45	58.20	1.5	1.5	2.0	2.0	19.65	15.10	2.00	1.40	
OPERATING ENGINEER	All	FLT	4	41.95	58.20	1.5	1.5	2.0	2.0	19.65	15.10	2.00	1.40	
OPERATING ENGINEER	All	FLT	5	59.70	58.20	1.5	1.5	2.0	2.0	19.65	15.10	2.00	1.40	
OPERATING ENGINEER	All	FLT	6	38.00	58.20	1.5	1.5	2.0	2.0	19.65	15.10	2.00	1.40	
OPERATING ENGINEER	All	HWY	1	49.30	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	2	48.75	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	3	46.70	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	4	45.30	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	5	44.10	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	6	52.30	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	7	50.30	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
ORNAMENTAL IRON WORKER	All	ALL		50.05	52.55	2.0	2.0	2.0	2.0	14.14	21.13	0.00	1.25	
PAINTER	All	ALL		47.30	53.21	1.5	1.5	1.5	2.0	12.01	12.74	0.00	1.87	
PAINTER - SIGNS	All	BLD		39.84	44.74	1.5	1.5	2.0	2.0	2.73	3.39	0.00	0.00	
PILEDRIVER	All	ALL		48.55	50.55	1.5	1.5	2.0	2.0	11.79	21.84	0.00	0.73	
PIPEFITTER	All	BLD		49.60	52.60	1.5	1.5	2.0	2.0	10.75	19.85	0.00	2.67	
PLASTERER	All	BLD		44.50	47.17	1.5	1.5	2.0	2.0	14.50	17.29	0.00	1.50	
PLUMBER	All	BLD		51.00	54.05	1.5	1.5	2.0	2.0	15.37	14.75	0.00	1.35	
ROOFER	All	BLD		44.60	48.60	1.5	1.5	2.0	2.0	10.58	13.31	0.00	0.70	
SHEETMETAL WORKER	All	BLD		45.50	49.14	1.5	1.5	2.0	2.0	11.70	25.58	0.00	0.86	
SIGN HANGER	All	BLD		32.68	35.29	1.5	1.5	2.0	2.0	5.40	3.75	0.00	0.00	
SPRINKLER FITTER	All	BLD		50.15	52.65	1.5	1.5	2.0	2.0	13.50	16.60	0.00	0.65	
STEEL ERECTOR	All	ALL		42.07	44.07	2.0	2.0	2.0	2.0	13.45	19.59	0.00	0.35	
STONE MASON	All	BLD		46.88	51.57	1.5	1.5	2.0	2.0	10.85	19.31	0.00	0.95	
TERRAZZO FINISHER	All	BLD		42.54	42.54	1.5	1.5	2.0	2.0	11.00	14.64	0.00	0.88	
TERRAZZO MASON	All	BLD		46.38	49.88	1.5	1.5	2.0	2.0	11.00	16.09	0.00	0.93	
TILE MASON	All	BLD		47.50	51.50	1.5	1.5	2.0	2.0	11.00	16.06	0.00	0.93	
TRAFFIC SAFETY WORKER	All	HWY		37.75	39.35	1.5	1.5	2.0	2.0	9.30	9.87	0.00	0.30	
TRUCK DRIVER	E	ALL	1	36.45	37.10	1.5	1.5	2.0	2.0	9.68	13.25	0.00	0.15	
TRUCK DRIVER	E	ALL	2	36.70	37.10	1.5	1.5	2.0	2.0	9.68	13.25	0.00	0.15	
TRUCK DRIVER	E	ALL	3	36.90	37.10	1.5	1.5	2.0	2.0	9.68	13.25	0.00	0.15	
TRUCK DRIVER	E	ALL	4	37.10	37.10	1.5	1.5	2.0	2.0	9.68	13.25	0.00	0.15	
TRUCK DRIVER	W	ALL	1	37.36	37.91	1.5	1.5	2.0	2.0	9.00	11.64	0.00	0.15	

TRUCK DRIVER	W	ALL	2	37.51	37.91	1.5	1.5	2.0	2.0	9.00	11.64	0.00	0.15	
TRUCK DRIVER	W	ALL	3	37.71	37.91	1.5	1.5	2.0	2.0	9.00	11.64	0.00	0.15	
TRUCK DRIVER	W	ALL	4	37.91	37.91	1.5	1.5	2.0	2.0	9.00	11.64	0.00	0.15	
TUCKPOINTER	All	BLD		46.50	47.50	1.5	1.5	2.0	2.0	8.34	18.40	0.00	0.93	

Legend

Rg Region
Type Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers
C Class
Base Base Wage Rate
OT M-F 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.
OT Sa Overtime pay required for every hour worked on Saturdays
OT Su Overtime pay required for every hour worked on Sundays
OT Hol Overtime pay required for every hour worked on Holidays
H/W Health/Welfare benefit
Vac Vacation
Trng Training
Other Ins Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations COOK COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

TRUCK DRIVERS (WEST) - That part of the county West of Barrington Road.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date. ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all

sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS ELECTRICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice sound vision production and reproduction, telephone and telephone interconnect, facsimile, data apparatus, coaxial, fibre optic and wireless equipment, appliances and systems used for the transmission and reception of signals of any nature, business, domestic, commercial, education, entertainment, and residential purposes, including but not limited to, communication and telephone, electronic and sound equipment, fibre optic and data communication systems, and the performance of any task directly related to such installation or service whether at new or existing sites, such tasks to include the placing of wire and cable and electrical power conduit or other raceway work within the equipment room and pulling wire and/or cable through conduit and the installation of any incidental conduit, such that the employees covered hereby can complete any job in full.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under: Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician;

Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines: ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane: Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin

Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000 pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

Class 6. ROV Pilot, ROV Tender

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

TRAFFIC SAFETY

Effective November 30, 2018, the description of the traffic safety worker trade in this County is as follows: Work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary, non-temporary or permanent lane, pavement or roadway markings, and the installation and removal of temporary road signs.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - EAST & WEST

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

Lake County Prevailing Wage Rates posted on 1/28/2020

						Overtime								
Trade Title	**Rg**	**Type**	**C**	**Base**	**Foreman**	**M-F**	**Sa**	**Su**	**Hol**	**H/W**	**Pension**	**Vac**	**Trng**	**Other Ins**
ASBESTOS ABT-GEN	All	ALL		43.72	44.72	1.5	1.5	2.0	2.0	14.99	13.61	0.00	0.90	
ASBESTOS ABT-MEC	All	BLD		37.88	40.38	1.5	1.5	2.0	2.0	13.42	12.20	0.00	0.72	
BOILERMAKER	All	BLD		50.51	55.05	2.0	2.0	2.0	2.0	6.97	14.65	0.00	1.10	
BRICK MASON	All	BLD		46.88	51.57	1.5	1.5	2.0	2.0	10.85	19.31	0.00	0.95	
CARPENTER	All	ALL		48.55	50.55	1.5	1.5	2.0	2.0	11.79	21.84	0.00	0.73	
CEMENT MASON	All	ALL		45.53	47.53	2.0	1.5	2.0	2.0	10.65	24.35	0.00	0.50	
CERAMIC TILE FINISHER	All	BLD		40.56	40.56	1.5	1.5	2.0	2.0	11.00	12.80	0.00	0.86	
COMMUNICATION TECHNICIAN	All	BLD		37.95	40.75	1.5	1.5	2.0	2.0	12.21	15.12	2.17	0.85	
ELECTRIC PWR EQMT OP	All	ALL		43.71	59.52	1.5	1.5	2.0	2.0	6.00	13.55	0.00	0.77	1.31
ELECTRIC PWR EQMT OP	All	HWY		41.45	56.38	1.5	1.5	2.0	2.0	5.50	12.87	0.00	0.73	
ELECTRIC PWR GRNDMAN	All	ALL		33.69	59.52	1.5	1.5	2.0	2.0	6.00	10.44	0.00	0.59	1.01
ELECTRIC PWR GRNDMAN	All	HWY		32.00	56.38	1.5	1.5	2.0	2.0	5.50	9.92	0.00	0.66	
ELECTRIC PWR LINEMAN	All	ALL		52.44	59.52	1.5	1.5	2.0	2.0	6.00	16.27	0.00	0.93	1.58
ELECTRIC PWR LINEMAN	All	HWY		49.67	56.38	1.5	1.5	2.0	2.0	5.50	15.40	0.00	0.88	
ELECTRIC PWR TRK DRV	All	ALL		34.90	59.52	1.5	1.5	2.0	2.0	6.00	10.83	0.00	0.62	1.05
ELECTRIC PWR TRK DRV	All	HWY		33.14	56.38	1.5	1.5	2.0	2.0	5.50	10.29	0.00	0.59	
ELECTRICIAN	All	BLD		41.21	45.21	1.5	1.5	2.0	2.0	14.10	21.61	6.00	0.67	
ELEVATOR CONSTRUCTOR	All	BLD		56.61	63.69	2.0	2.0	2.0	2.0	15.58	17.51	4.53	0.62	
FENCE ERECTOR	All	ALL		42.88	44.88	1.5	1.5	2.0	2.0	13.64	14.89	0.00	0.65	
GLAZIER	All	BLD		44.85	46.35	1.5	2.0	2.0	2.0	14.49	22.29	0.00	0.94	
HEAT/FROST INSULATOR	All	BLD		50.50	53.00	1.5	1.5	2.0	2.0	13.42	13.66	0.00	0.72	
IRON WORKER	All	ALL		50.63	52.63	2.0	2.0	2.0	2.0	14.65	23.78	0.00	0.44	
LABORER	All	ALL		43.72	44.47	1.5	1.5	2.0	2.0	14.99	13.61	0.00	0.90	
LATHER	All	ALL		48.55	50.55	1.5	1.5	2.0	2.0	11.79	21.84	0.00	0.73	
MACHINIST	All	BLD		48.93	51.43	1.5	1.5	2.0	2.0	7.68	8.95	1.85	1.32	
MARBLE FINISHER	All	ALL		35.15	48.33	1.5	1.5	2.0	2.0	10.85	17.66	0.00	0.52	
MARBLE MASON	All	BLD		46.03	50.63	1.5	1.5	2.0	2.0	10.85	18.78	0.00	0.64	
MATERIAL TESTER I	All	ALL		33.72		1.5	1.5	2.0	2.0	14.99	13.61	0.00	0.90	
MATERIALS TESTER II	All	ALL		38.72		1.5	1.5	2.0	2.0	14.99	13.61	0.00	0.90	
MILLWRIGHT	All	ALL		48.55	50.55	1.5	1.5	2.0	2.0	11.79	21.84	0.00	0.73	
OPERATING ENGINEER	All	BLD	1	51.10	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	

OPERATING ENGINEER	All	BLD	2	49.80	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	3	47.25	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	4	45.50	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	5	54.85	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	6	52.10	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	BLD	7	54.10	55.10	2.0	2.0	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	FLT	1	58.20	58.20	1.5	1.5	2.0	2.0	19.65	15.10	2.00	1.40	
OPERATING ENGINEER	All	FLT	2	56.70	58.20	1.5	1.5	2.0	2.0	19.65	15.10	2.00	1.40	
OPERATING ENGINEER	All	FLT	3	50.45	58.20	1.5	1.5	2.0	2.0	19.65	15.10	2.00	1.40	
OPERATING ENGINEER	All	FLT	4	41.95	58.20	1.5	1.5	2.0	2.0	19.65	15.10	2.00	1.40	
OPERATING ENGINEER	All	FLT	5	59.70	58.20	1.5	1.5	2.0	2.0	19.65	15.10	2.00	1.40	
OPERATING ENGINEER	All	FLT	6	38.00	58.20	1.5	1.5	2.0	2.0	19.65	15.10	2.00	1.40	
OPERATING ENGINEER	All	HWY	1	49.30	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	2	48.75	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	3	46.70	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	4	45.30	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	5	44.10	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	6	52.30	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
OPERATING ENGINEER	All	HWY	7	50.30	53.30	1.5	1.5	2.0	2.0	20.50	16.85	2.00	1.65	
ORNAMENTAL IRON WORKER	All	ALL		50.05	52.55	2.0	2.0	2.0	2.0	14.14	21.13	0.00	1.25	
PAINTER	All	ALL		47.30	53.21	1.5	1.5	1.5	2.0	12.01	12.74	0.00	1.87	
PAINTER - SIGNS	All	BLD		39.84	44.74	1.5	1.5	2.0	2.0	2.73	3.39	0.00	0.00	
PILEDRIVER	All	ALL		48.55	50.55	1.5	1.5	2.0	2.0	11.79	21.84	0.00	0.73	
PIPEFITTER	All	BLD		49.60	52.60	1.5	1.5	2.0	2.0	10.75	19.85	0.00	2.67	
PLASTERER	All	BLD		45.40	47.40	2.0	1.5	2.0	2.0	10.65	24.65	0.00	0.50	
PLUMBER	All	BLD		51.00	54.05	1.5	1.5	2.0	2.0	15.37	14.75	0.00	1.35	
ROOFER	All	BLD		44.60	48.60	1.5	1.5	2.0	2.0	10.58	13.31	0.00	0.70	
SHEETMETAL WORKER	All	BLD		45.50	49.14	1.5	1.5	2.0	2.0	11.70	25.58	0.00	0.86	
SIGN HANGER	All	BLD		32.68	35.29	1.5	1.5	2.0	2.0	5.40	3.75	0.00	0.00	
SPRINKLER FITTER	All	BLD		50.15	52.65	1.5	1.5	2.0	2.0	13.50	16.60	0.00	0.65	
STEEL ERECTOR	All	ALL		42.07	44.07	2.0	2.0	2.0	2.0	13.45	19.59	0.00	0.35	
STONE MASON	All	BLD		46.88	51.57	1.5	1.5	2.0	2.0	10.85	19.31	0.00	0.95	
TERRAZZO FINISHER	All	BLD		42.54	42.54	1.5	1.5	2.0	2.0	11.00	14.64	0.00	0.88	
TERRAZZO MASON	All	BLD		46.38	49.88	1.5	1.5	2.0	2.0	11.00	16.09	0.00	0.93	
TILE MASON	All	BLD		47.50	51.50	1.5	1.5	2.0	2.0	11.00	16.06	0.00	0.93	
TRAFFIC SAFETY WORKER	All	HWY		37.75	39.35	1.5	1.5	2.0	2.0	9.30	9.87	0.00	0.30	

TRUCK DRIVER	All	ALL	1	38.65	39.20	1.5	1.5	2.0	2.0	10.50	8.50	0.00	0.15	
TRUCK DRIVER	All	ALL	2	38.80	39.20	1.5	1.5	2.0	2.0	10.50	8.50	0.00	0.15	
TRUCK DRIVER	All	ALL	3	39.00	39.20	1.5	1.5	2.0	2.0	10.50	8.50	0.00	0.15	
TRUCK DRIVER	All	ALL	4	39.20	39.20	1.5	1.5	2.0	2.0	10.50	8.50	0.00	0.15	
TUCKPOINTER	All	BLD		46.50	47.50	1.5	1.5	2.0	2.0	8.34	18.40	0.00	0.93	

Legend
Rg Region
Type Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers
C Class
Base Base Wage Rate
OT M-F 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.
OT Sa Overtime pay required for every hour worked on Saturdays
OT Su Overtime pay required for every hour worked on Sundays
OT Hol Overtime pay required for every hour worked on Holidays
H/W Health/Welfare benefit
Vac Vacation
Trng Training
Other Ins Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations LAKE COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

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.

COMMUNICATION TECHNICIAN

Low voltage construction, installation, maintenance and removal of telecommunication facilities (voice, sound, data and video) including outside plant, telephone, security systems and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable 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 ENGINEER - FLOATING

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000 pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

Class 6. ROV Pilot, ROV Tender

TRAFFIC SAFETY - Effective November 30, 2018, the description of the traffic safety worker trade in this County is as follows: Work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary, non-temporary or permanent lane, pavement or roadway markings, and the installation and removal of temporary road signs.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

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".