VILLAGE OF VILLA PARK

CONTRACT DOCUMENTS

FOR THE

JACKSON AREA IMPROVEMENT PROJECT

ISSUED FOR BID NOVEMBER 22, 2024

PREPARED BY

7325 JANES AVENUE
WOODRIDGE, ILLINOIS 60517

NOTICE: **THIS PROJECT WILL RECEIVE FUNDING FROM A FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) / ILLINOIS EMERGENCY MANAGEMENT AGENCY (IEPA) PRE-DISASTER MITIGATION GRANT. ALL REQUIREMENTS OF THIS GRANT AND AGREEMENT WILL APPLY.**

ENGINEER COPY

Illinois Department of Transportation

CONTRACT

Local Public Agency Formal Contract

Contractor's Name: Trine Construction Corp.

Contractor's Address: 1041 Trine Ct., Suite A | City: St. Charles | State: IL | Zip Code: 60174

STATE OF ILLINOIS

Local Public Agency: Village of Villa Park | County: DuPage | Section Number: N/A

Street Name/Road Name: Addison Av, Madison St, Wisconsin Av | Type of Funds: FEMA

☐ CONTRACT BOND (when required)

For a County and Road District Project

Submitted/Approved

Highway Commissioner Signature & Date

Submitted/Approved

County Engineer/Superintendent of Highways Signature & Date

For a Municipal Project

Submitted/Approved/Passed

Signature & Date: 02/04/25

Official Title: ASSISTANT VILLAGE ENGINEER

Department of Transportation

☐ Concurrence in approval of award

Regional Engineer Signature & Date

Local Public Agency	Local Street/Road Name	County	Section Number
Village of Villa Park	Addison Av, Madison St, Wisconsin Av	DuPage	N/A

ENGINEER COPY

CONTRACT

1. THIS AGREEMENT, made and concluded the _____ (Day) day of (Month and Year) between the Village (Local Public Agency Type) of Villa Park (Local Public Agency), known as the party of the first part, and Trine Construction Corp. (Contractor), its successor, and assigns, known as the party of the second part.

2. For and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring this contract, the party of the second part agrees with said party of the first part, at its own proper cost and expense, to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this contract.

3. It is also understood and agreed that the LPA Formal Contract Proposal, Special Provisions, Affidavit of Illinois Business Office, Apprenticeship or Training Program Certification, and Contract Bond hereto attached, and the Plans for Section N/A (Section Number) in Village of Villa Park (Local Public Agency), approved by the Illinois Department of Transportation on _____ (Date), are essential documents of this contract and are a part hereof.

4. IN WITNESS WHEREOF, the said parties have executed this contract on the date above mentioned.

Attest: The Village (Local Public Agency Type) of Villa Park (Name of Local Public Agency)

Clerk Signature & Date

1/31/2025

(SEAL, if required by the LPA)

VILLAGE OF VILLA PARK
CORPORATE SEAL
DUPAGE COUNTY, ILL.

Party of the First Part Signature & Date

By: 1/31/2025

(If a Corporation)

Corporate Name

Trine Construction Corp.

President, Party of the Second Part Signature & Date

By: 1/30/25

(If a Limited Liability Corporation)

(SEAL, if required by the LPA)

LLC Name

Manager or Authorized Member, Party of the Second Part

By:

(If a Partnership)

Partner Signature & Date

Attest:

Secretary Signature & Date

1/30/25

Partner Signature & Date

(SEAL, if required by the LPA)

Partners doing Business under the firm name of

Party of the Second Part

(If an individual)

Party of the Second Part Signature & Date

ENGINEER COPY

CONTRACT

Illinois Department of Transportation

Contract Bond

Bond No. HGMW-238-2212

Local Public Agency	County	Street Name/Road Name	Section Number
Village of Villa Park	DuPage	Addison Avenue, Madison Street, Wisconsin Avenue	N/A

Bond information to be returned to Local Public Agency at _____ (Complete Address).

We, Trine Construction Corp., 1041 Trine Ct., Suite A, St. Charles, IL 60174 (Contractor's Name and Address)

a/an Corporation organized under the laws of the State of Illinois (State) as PRINCIPAL, and

Hudson Insurance Company, P.O. Box 10046, Cedar Rapids, IA 52410 (Surety Name and Address)

as SURETY, are held and firmly bound unto the above Local Public Agency (thereafter referred to as "LPA") in the penal sum of

Six Million Four Hundred Eighty Seven Fifty & 50/100

Dollars ($6,487,050.50--------) lawful money of the United States, to be paid to said LPA, the payment of which we bind ourselves, successors and assigns jointly to pay to the LPA this sum under the conditions of this instrument.

WHEREAS, THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that the said Principal has entered into a written contract with the LPA acting through its awarding authority for the construction of work on the above sections, which contract is hereby referred to and made a part hereof, as if written herein at length, and whereby the said Principal has promised and agreed to perform said work in accordance with the terms of said contract, and has promised to pay all sums of money due for any labor, materials, apparatus, fixtures or machinery furnished to such Principal for the purpose of performing such work and has further agreed to pay all direct and indirect damages to any person, firm, company or corporation to whom any money may be due from the Principal, subcontractor or otherwise for any such labor, materials, apparatus, fixtures or machinery so furnished and that suit may be maintained on such bond by any such person, firm, company or corporation for the recovery of any such money.

NOW, THEREFORE, if the said Principal shall perform said work in accordance with the terms of said contract, and shall pay all sums of money due or to become due for any labor, materials, apparatus, fixtures or machinery furnished to it for the purpose of constructing such work, and shall commence and complete the work within the time prescribed in said contract, and shall pay and discharge all damages, direct and indirect, that may be suffered or sustained on account of such work during the time of the performance thereof and until the said work shall have been accepted, and shall hold the LPA and its awarding authority harmless on account of any such damages and shall in all respects fully and faithfully comply with all the provisions, conditions and requirements of said contract, then this obligation shall be void; otherwise it shall remain in full force and effect.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective agents this 23r (Day) day of January 2025 (Month and Year).

PRINCIPAL

Company Name	Company Name
Trine Constructioin Corp.	
By	By
Signature & Date: 1/29/25	Signature & Date
Attest	Attest
Signature & Date: 1/29/25	Signature & Date

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

ENGINEER COPY

CONTRACT

STATE OF IL

COUNTY OF DuPage

I, Michelle A. LoCoco, a Notary Public in and for said county, do hereby certify that
Notary Name

Michael M. Bendinelli
Insert name of Individuals signing on behalf of PRINCIPAL

who is/are each personally known to me to be the same person(s) whose name(s) is/are subscribed to the foregoing instrument on behalf of PRINCIPAL, appeared before me this day in person and acknowledged respectively, that he/she/they signed and delivered said instrument freely and voluntarily for the uses and purposes therein set forth.

Given under my hand and notarial seal this 29th day of January, 2025.
Day Month, Year

Official Seal
MICHELLE A LO COCO
Notary Public, State of Illinois
Commission No. 995379
My Commission Expires August 15, 2028

Notary Public Signature & Date

Michelle A LoCoco 1/29/25

Date commission expires Aug. 15, 2028

SURETY

Name of Surety

Hudson Insurance Company

Title James I. Moore, Attorney-in-Fact

By: James I. Moore

STATE OF IL

COUNTY OF DuPage

I, Christina T. Thompson, a Notary Public in and for said county, do hereby certify that
Notary Name

James I. Moore
Insert name of Individuals signing on behalf of SURETY

who is/are each personally known to me to be the same person(s) whose name(s) is/are subscribed to the foregoing instrument on behalf of SURETY, appeared before me this day in person and acknowledged respectively, that he/she/they signed and delivered said instrument freely and voluntarily for the uses and purposes therein set forth.

Given under my hand and notarial seal this 23rd day of January 2025.
Day Month, Year

CHRISTINA T THOMPSON
OFFICIAL SEAL
Notary Public, State of Illinois
My Commission Expires
May 24, 2026

Notary Public Signature & Date

Date commission expires May 24, 2026

Approved this _____ day of _____.
Day Month, Year

Attest:

Local Public Agency Clerk Signature & Date

1/31/2025

Village Clerk
Local Public Agency Type

Awarding Authority

Village of Villa Park

Awarding Authority Signature & Date

1/31/2025

HUDSON INSURANCE GROUP

HGMW-238-2212

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That HUDSON INSURANCE COMPANY, a corporation of the State of Delaware, with offices at 100 William Street, New York, New York, 10038, has made, constituted and appointed, and by these presents, does make, constitute and appoint

Stephen T. Kazmer, James I. Moore, Tariese M. Pisciotto, Dawn L. Morgan, Jennifer J. McComb

of the State of Illinois

its true and lawful Attorney(s)-in-Fact, at New York, New York, each of them alone to have full power to act without the other or others, to make, execute and deliver on its behalf, as Surety, bonds and undertakings given for any and all purposes, also to execute and deliver on its behalf as aforesaid renewals, extensions, agreements, waivers, consents or stipulations relating to such bonds or undertakings provided, however, that no single bond or undertaking shall obligate said Company for any portion of the penal sum thereof in excess of the sum of **Twenty Five Million Dollars ($25,000,000.00).**

Such bonds and undertakings when duly executed by said Attorney(s)-in-Fact, shall be binding upon said Company as fully and to the same extent as if signed by the President of said Company under its corporate seal attested by its Secretary.

In Witness Whereof, HUDSON INSURANCE COMPANY has caused these presents to be of its Senior Vice President thereunto duly authorized, on this 15th day of November, 20 24 at New York, New York.

(Corporate seal)

HUDSON INSURANCE COMPANY

Attest.....
Dina Daskalakis No. 01MU6067553
Corporate Secretary

By.....
Andrew A. Dickson
Senior Vice President

STATE OF NEW YORK
COUNTY OF NEW YORK. SS.

On the 15th day of November, 20 24 before me personally came Andrew A. Dickson to me known, who being by me duly sworn did depose and say that he is a Senior Vice President of **HUDSON INSURANCE COMPANY**, the corporation described herein and which executed the above instrument, that he knows the seal of said Corporation, that the seal affixed to said instrument is such corporate seal, that it was so affixed by order of the Board of Directors of said Corporation, and that he signed his name thereto by like order.

(Notarial Seal)

ANN M. MURPHY
NOTARY PUBLIC
STATE OF NEW YORK

.....
ANN M. MURPHY
Notary Public, State of New York
No. 01MU6067553
Qualified in Nassau County
Commission Expires December 10, 2025

CERTIFICATION

STATE OF NEW YORK
COUNTY OF NEW YORK SS.

The undersigned **Dina Daskalakis** hereby certifies:

That the original resolution, of which the following is a true and correct copy, was duly adopted by unanimous written consent of the Board of Directors of Hudson Insurance Company dated July 27th, 2007, and has not since been revoked, amended or modified:

"RESOLVED, that the President, the Executive Vice Presidents, the Senior Vice Presidents and the Vice Presidents shall have the authority and discretion, to appoint such agent or agents, or attorney or attorneys-in-fact, for the purpose of carrying on this Company's surety business, and to empower such agent or agents, or attorney or attorneys-in-fact, to execute and deliver, under this Company's seal or otherwise, bonds obligations, and recognizances, whether made by this Company as surety thereon or otherwise, indemnity contracts, contracts and certificates, and any and all other contracts and undertakings made in the course of this Company's surety business, and renewals, extensions, agreements, waivers, consents or stipulations regarding undertakings so made; and

FURTHER RESOVLED, that the signature of any such Officer of the Company and the Company's seal may be affixed by facsimile to any power of attorney or certification given for the execution of any bond, undertaking, recognizance, contract of indemnity or other written obligation in the nature thereof or related thereto, such signature and seal when so used whether heretofore or hereafter, being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed."

THAT the above and foregoing is a full, true and correct copy of Power of Attorney issued by said Company, and of the whole of the original and that the said Power of Attorney is still in full force and effect and has not been revoked, and furthermore that the Resolution of the Board of Directors, set forth in the said Power of Attorney is now in force.

Witness the hand of the undersigned and the seal of said Corporation this 23rd day of JANUARY, 20 25.

(Corporate seal)

By.....
Dina Daskalakis, Corporate Secretary

ADVERTISEMENT FOR BIDS
VILLAGE OF VILLA PARK
FRIDAY, NOVEMBER 22, 2024

PROJECT: JACKSON AREA IMPROVEMENT PROJECT
This project consists of the installation of a new relief storm sewer system and reconstruction of Addison Avenue from Madison Street to Washington Street, Madison Street from Addison Avenue to Michigan Avenue and Wisconsin Avenue from Jackson Street to Washington Street, an approximate length of 4,744 feet (0.898 mile).

The scope of work for the project includes installation of a large relief storm sewer, pavement and driveway removal, earth excavation, aggregate subgrade improvements, structure removal, structure adjustments, drainage improvements, hot-mix asphalt paving, combination concrete curb and gutter removal and installation, driveway restoration, parkway restoration, sidewalk removal and replacement, and other related and incidental work.

BID DEADLINE: Tuesday, December 17, 2024, 10:00 AM LOCAL TIME
The Village reserves the right to extend the Bid Deadline from this date and time to accept Bids submitted after the Bid Deadline, as the Village, in its sole discretion, determines is in the best interest of the Village.

NOTICE: Proposals for the **JACKSON AREA IMPROVEMENT PROJECT** will be received electronically by the Village of Villa Park, Illinois, through QuestCDN at https://www.questcdn.com under **QuestCDN Project #9288242** until the Bid Deadline. Immediately thereafter, the proposals will be opened and read aloud via Microsoft Teams. Notwithstanding the foregoing, the Village reserves the right to defer, postpone, delay, or reschedule the Bid Opening for such time and to such date as the Village, in its sole discretion, determines is in the best interest of the Village. The Bid Opening Microsoft Teams meeting may be accessed as follows:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_NGViOWQ1YjAtZmU3Ni00OTNhLWFhOTAtMzBhMGY0MGE2NDdh%40thread.v2/0?context=%7b%22Tid%22%3a%22338ea300-7faf-486f-b28c-a95fd8b54973%22%2c%22Oid%22%3a%22416f52f2-5d2c-4d83-94dc-f681f0eb91e6%22%7d
Meeting ID: 249 327 900 248
Passcode: E26rDi

Proposals shall be submitted in accordance with the Bidding Documents prepared by V3 Companies, 7325 Janes Avenue, Woodridge, IL 60517.

MANDATORY PRE-BID MEETING: Thursday, December 5, 2024, 10:00 AM LOCAL TIME

A mandatory pre-bid meeting will be held via Microsoft Teams. The mandatory pre-bid Microsoft Teams meeting may be accessed as follows:

https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZmVjY2RjZWItNjk3Ni00ZThiLWFhOGYtNTFjNGU5OWVlZTg1%40thread.v2/0?context=%7b%22Tid%22%3a%22338ea300-7faf-486f-b28c-a95fd8b54973%22%2c%22Oid%22%3a%22416f52f2-5d2c-4d83-94dc-f681f0eb91e6%22%7d

Meeting ID: 299 396 813 12
Passcode: wa3VAV

BIDDER QUALIFICATIONS: Bidders, in submitting a Bid, shall comply with all applicable federal, state, and local laws and requirements; shall provide documentation of that compliance in accordance with the requirements of the Bidding Documents and as requested by the Village; and, in submitting a Bid, Bidders affirm that they are qualified under all applicable laws and requirements to do so, and agree to be bound by the determination of the Village as to Bidder's compliance and qualifications.

REQUESTS FOR INFORMATION OR CLARIFICATION: All requests for information or clarification shall be submitted to the Village of Villa Park by email to **engineering@invillapark.com**. All responses that are provided to requests for information or clarification will be provided through QuestCDN at https://www.questcdn.com under **QuestCDN Project #9288242.**

The Village will accept requests for information or clarification submitted in accordance with the above requirements until **TUESDAY, DECEMBER 10, 2024, 4:00 PM LOCAL TIME**. Requests for information or clarification received after such time will not be accepted and will receive no response.

ADDENDA: The Village reserves the right to issue Addenda modifying the Bidding Documents at any time prior to the Bid Deadline. The foregoing notwithstanding, the Village will make a reasonable effort to issue no addenda after **Thursday, December 12, 2024, 4:00 PM LOCAL TIME**.

BID SECURITY: Bid Security in the amount of not less than ten percent (10%) of the Bid shall accompany each Bid in accordance with the Bidding Documents.

RIGHTS RESERVED: The Village will select the lowest, most responsible bidder. The Village reserves the right to reject any or all Bids, to waive any informalities or technicalities in bidding, and to accept the Bid which best serves the interests of the Village. The Village shall, in its sole discretion, determine what does or does not constitute an informality or technicality, and, in submitting a Bid, Bidder agrees to be bound by that determination.

The Village may make such investigations as it deems necessary to determine the ability of the Bidder to perform the Work, and the Bidder shall furnish to the Village all such information and data for this purpose as the Village may request. The Village reserves the right to reject any Bid if the evidence submitted by, or investigation of, such Bidder fails to satisfy the Village that such Bidder is properly qualified to carry out the obligations of the Agreement and to complete the Work contemplated therein.

BIDS TO REMAIN SUBJECT TO ACCEPTANCE: All bids shall remain subject to acceptance by the Village for a period of 90 calendar days from the date of the bid opening. The Village may extend the acceptance period by up to an additional 90 calendar days upon written notice to all bidders by the Village. The Village may, in its sole discretion, release any bid and return the bid bond prior to the end of the acceptance period.

CONTRACT SECURITY: The Bidder to whom a Contract is awarded shall be required to furnish both a Performance Bond and a Payment Bond acceptable to the Village for one-hundred percent (100%) of the Contract Price, in accordance with the requirements of the Contract Documents.

WAGE RATES: All applicable laws, ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the PROJECT shall apply to the contract throughout.

Davis-Bacon Wage decisions are applicable to this project and are only superseded in instances by and where Illinois Prevailing Wages exceed Davis-Bacon in wage, fringe benefits, and/or trade stipulations (requirements). If this project does not start within ninety (90) days of contract award, the wage decisions applicable to the project shall be replaced with the Davis-Bacon Wage decisions that are current as of the date of contract award.

BIDDING DOCUMENTS: The Bidding Documents may be obtained from QuestCDN at https://www.questcdn.com under **QuestCDN Project #9288242** for a non-refundable fee of thirty dollars ($30.00). An active QuestCDN account and login are required. Questions or issues regarding the QuestCDN platform shall be directed to QuestCDN by phone at 952-233-1632 or by email at info@questcdn.com. Hard copies of bidding documents will not be made available. An electronic "Not for Bid" version of the bidding documents in Portable Document Format (PDF) will be available for download on the project page on the Village of Villa Park's website at https://www.invillapark.com. This version of the bidding documents is for informationally purposes only and may not be used for the preparation or submittal of a bid.

PUBLISHED BY AUTHORITY OF THE VILLAGE OF VILLA PARK, COUNTY OF DUPAGE, STATE OF ILLINOIS.

Local Public Agency
Formal Contract Proposal

COVER SHEET

Proposal Submitted By:

Contractor's Name: Trine Construction Corp.

Contractor's Address	City	State	Zip Code
1041 Trine Ct, Suite A	St. Charles	IL	60174

STATE OF ILLINOIS

Local Public Agency	County	Section Number
Village of Villa Park	DuPage	N/A

Route(s) (Street/Road Name)	Type of Funds
Addison Avenue, Madison Street, Wisconsin Avenue	FEMA

☐ Proposal Only ☐ Proposal and Plans ☐ Proposal only, plans are separate

Submitted/Approved
For Local Public Agency:

For a County and Road District Project

Submitted/Approved

Highway Commissioner Signature & Date

Submitted/Approved

County Engineer/Superintendent of Highways Signature & Date

For a Municipal Project

Submitted/Approved/Passed

Signature & Date

Official Title

Department of Transportation

Released for bid based on limited review

Regional Engineer Signature & Date

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

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Villa Park	DuPage	N/A	Addison Avenue, Madison Stre

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of via Quest CDN (Project #9288242) (Name of Office)

https://www.questcdn.com (Address) until 10:00AM (Time) on 12/17/24 (Date).

Sealed proposals will be opened and read publicly at the office of via Teams Conference Meeting ID: 249 327 900 248 (Name of Office)

Passcode: E26rDi (Address) at 10:00 AM (Time) on 12/17/24 (Date).

DESCRIPTION OF WORK

Location	Project Length
Various	0.89mi

Proposed Improvement

Storm sewer installation; pavement/curb&gutter/driveway/sidewalk removal and replacement; drainage improvements; pavement resurfacing and reconstruction; pavement patching; parkway restoration

1. Plans and proposal forms will be available in the office of

For purchase and download via Quest CDN e-delivery, Specific access information is included in the Advertisement.

2. ☐ Prequalification

   If checked, the 2 apparent as read low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57) in triplicate, 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 two originals 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. Local Public Agency Formal Contract Proposal (BLR 12200)
   b. Schedule of Prices (BLR 12201)
   c. Proposal Bid Bond (BLR 12230) (if applicable)
   d. Apprenticeship or Training Program Certification (BLR 12325) (do not use for project with Federal funds.)
   e. Affidavit of Illinois Business Office (BLR 12326) (do not use for project with Federal funds)

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. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority 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.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Villa Park	DuPage	N/A	Addison Avenue, Madison Stre

PROPOSAL

1. Proposal of Trine Construction Corp.
Contractor's Name
1641 Trine Ct., Suite 64 St. Charles, IL 60174
Contractor's Address

2. The plans for the proposed work are those prepared by V3 Companies 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 _____ unless additional time is granted in accordance with the specifications.

6. The successful bidder at the time of execution of the contract _____ be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. 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 of check shall be forfeited to the Awarding Authority.

7. 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 products 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. A bid may be declared unacceptable if neither a unit price nor a total price is shown.

8. The undersigned submits herewith the schedule of prices on BLR 12201 covering the work to be performed under this contract.

9. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12201, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.

10. 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 _____ 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 _____.
The amount of the check is 10% of total bid (_____).

Attach Cashier's Check or Certified Check Here

In the event that one proposal guaranty check is intended to cover two or more bid proposals, the amount must be equal to the sum of the proposal guaranties which would be required for each individual bid proposal. If the proposal guaranty check is placed in another bid proposal, state below where it may be found.

The proposal guaranty check will be found in the bid proposal for: Section Number _____.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Villa Park	DuPage	N/A	Addison Avenue, Madison Stre

CONTRACTOR CERTIFICATIONS

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 procedure established by the appropriate Revenue Act, its liability for the tax or the amount of the tax. Making a false statement voids the contract and allows the Department 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 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: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract 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 on 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 of 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 on 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 or 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 canceled.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Villa Park	DuPage	N/A	Addison Avenue, Madison Stre

SIGNATURES

(If an individual)

Bidder Signature & Date

Business Address

City | State | Zip Code

(If a partnership)

Firm Name

Signature & Date

Title

Business Address

City | State | Zip Code

Insert the Names and Addresses of all Partners

(If a corporation)

Corporate Name: Trine Construction Corp.

Signature & Date: 12/17/24

Title: President

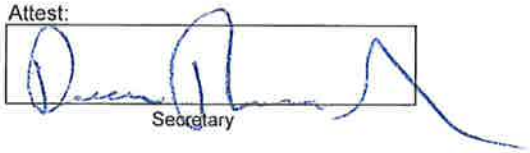
Business Address: 1041 Trine Ct., Suite A

City: St. Charles | State: IL | Zip Code: 60174

Insert Names of Officers

President: Michael M. Rendina

Attest:



Secretary

Secretary
Diana Rending
Treasurer
Michelle LaCoco

Illinois Department of Transportation

SCHEDULE OF PRICES

Contractor's Name: **Trine Construction Corp.**
Local Public Agency: **Village of Villa Park**
County: **DuPage**
Section: **N/A**
Route: **Addison Ave, Madison St & Wisconsin Ave**

Schedule for Multiple Bids

Combination Letter	Sections included in Combinations	Total

Schedule for Single Bid

(For complete information covering these items, see plans and specifications)

Item No.	Items	Unit	Quantity	Unit Price	Total
1	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	350	$39.10	$13,685.00
2	TEMPORARY FENCE	FOOT	3,456	$4.20	$14,515.20
3	TREE ROOT PRUNING	EACH	116	$138.00	$16,008.00
4	EARTH EXCAVATION	CU YD	1,268	$56.67	$71,857.56
5	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2,317	$16.70	$38,693.90
6	POROUS GRANULAR EMBANKMENT	CU YD	190	$37.84	$7,189.60
7	TRENCH BACKFILL	CU YD	9,749	$65.17	$635,342.33
8	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	11,502	$2.33	$26,799.66
9	SUPPLEMENTAL WATERING	UNIT	1	$402.50	$402.50
10	PERIMETER EROSION BARRIER	FOOT	1,296	$4.31	$5,585.76
11	INLET FILTERS	EACH	81	$317.06	$25,681.86
12	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	2,317	$16.70	$38,693.90
13	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	10,249	$7.33	$75,125.17
14	BITUMINOUS MATERIALS (PRIME COAT)	POUND	23,065	$0.01	$230.65
15	BITUMINOUS MATERIALS (TACK COAT)	POUND	3,079	$0.01	$30.79
16	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	267	$17.25	$4,605.75
17	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	2,296	$93.15	$213,872.40
18	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1,534	$98.90	$151,712.60
19	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	1,479	$91.60	$135,476.40
20	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	27,520	$11.44	$314,828.80
21	DETECTABLE WARNINGS	SQ FT	550	$46.00	$25,300.00
22	PAVEMENT REMOVAL	SQ YD	11,408	$15.25	$173,972.00
23	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,335	$17.25	$40,278.75
24	COMBINATION CURB AND GUTTER REMOVAL	FOOT	7,159	$6.33	$45,316.47
25	SIDEWALK REMOVAL	SQ FT	27,540	$1.96	$53,978.40
26	STORM SEWER REMOVAL 8"	FOOT	258	$20.37	$5,255.46
27	STORM SEWER REMOVAL 10"	FOOT	36	$20.37	$733.32
28	STORM SEWER REMOVAL 12"	FOOT	656	$20.37	$13,362.72

Item No.	Items	Unit	Quantity	Unit Price	Total
29	STORM SEWER REMOVAL 15"	FOOT	658	$20.37	$13,403.46
30	STORM SEWER REMOVAL 18"	FOOT	398	$25.46	$10,133.08
31	STORM SEWER REMOVAL 24"	FOOT	871	$25.46	$22,175.66
32	DUCTILE IRON WATER MAIN 6"	FOOT	85	$99.20	$8,432.00
33	DUCTILE IRON WATER MAIN 8"	FOOT	371	$175.82	$65,229.22
34	WATER VALVES, 8"	EACH	9	$4,673.60	$42,062.40
35	ADJUSTING WATER MAIN 8"	FOOT	500	$110.40	$55,200.00
36	ITEM REMOVED				
37	FIRE HYDRANTS TO BE REMOVED	EACH	2	$407.40	$814.80
38	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	13	$8,481.71	$110,262.23
39	CATCH BASINS, TYPE A, 4'-DIAMETER	EACH	41	$4,334.50	$177,714.50
40	MANHOLES, TYPE A, 4'-DIAMETER	EACH	2	$5,340.75	$10,681.50
41	MANHOLES, TYPE A, 5'-DIAMETER	EACH	4	$6,385.00	$25,540.00
42	MANHOLES, TYPE A, 6'-DIAMETER	EACH	4	$11,716.50	$46,866.00
43	INLETS, TYPE A	EACH	31	$2,450.75	$75,973.25
44	MANHOLES TO BE ADJUSTED	EACH	6	$1,078.75	$6,472.50
45	MANHOLES TO BE RECONSTRUCTED	EACH	1	$2,546.25	$2,546.25
46	INLETS TO BE ADJUSTED	EACH	4	$512.00	$2,048.00
47	VALVE VAULTS TO BE ADJUSTED	EACH	5	$1,078.75	$5,393.75
48	VALVE BOXES TO BE ADJUSTED	EACH	5	$610.45	$3,052.25
49	FRAMES AND GRATES, TYPE 11	EACH	50	$612.38	$30,619.00
50	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	14	$385.25	$5,393.50
51	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	51	$379.50	$19,354.50
52	REMOVING MANHOLES	EACH	12	$339.50	$4,074.00
53	REMOVING INLETS	EACH	38	$50.93	$1,935.34
54	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	7,159	$37.95	$271,684.05
55	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	901	$7.76	$6,991.76
56	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	54	$10.35	$558.90
57	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	17	$17.25	$293.25
58	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	272	$78.50	$21,352.00
59	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	36	$114.81	$4,133.16
60	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	524	$88.78	$46,520.72
61	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	74	$93.44	$6,914.56
62	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	137	$107.07	$14,668.59
63	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	441	$127.49	$56,223.09
64	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	1,212	$150.95	$182,951.40
65	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	379	$203.79	$77,236.41
66	STORM SEWERS, CLASS A, TYPE 2 60"	FOOT	330	$329.88	$108,860.40

Item No.	Items	Unit	Quantity	Unit Price	Total
67	STORM SEWERS, CLASS A, TYPE 3 24"	FOOT	71	$148.71	$10,558.41
68	STORM SEWERS, CLASS A, TYPE 3 42"	FOOT	191	$248.52	$47,467.32
69	STORM SEWERS, CLASS A, TYPE 3 72"	FOOT	913	$621.79	$567,694.27
70	STORM SEWERS, CLASS B, TYPE 1 18"	FOOT	47	$99.12	$4,658.64
71	STORM SEWERS, CLASS B, TYPE 2 12"	FOOT	192	$89.24	$17,134.08
72	STORM SEWERS, CLASS B, TYPE 2 18"	FOOT	136	$102.98	$14,005.28
73	EXPLORATION TRENCH, SPECIAL	FOOT	1,500	$0.01	$15.00
74	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	94	$161.00	$15,134.00
75	TEMPORARY ACCESS (ROAD)	EACH	14	$1,725.00	$24,150.00
76	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	2,450	$9.03	$22,123.50
77	SANITARY MANHOLES TO BE ADJUSTED	EACH	19	$989.32	$18,797.08
78	MANHOLE, SANITARY, TYPE A, 4'-DIAMETER	EACH	2	$5,283.25	$10,566.50
79	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	$167,575.00	$167,575.00
80	HANDHOLE TO BE ADJUSTED	EACH	1	$2,760.00	$2,760.00
81	PRE-CONSTRUCTION VIDEO RECORDING	L SUM	1	$36,800.00	$36,800.00
82	PARKWAY RESTORATION	SQ YD	8,918	$28.75	$256,392.50
83	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SQ YD	1,121	$74.75	$83,794.75
84	CONSTRUCTION LAYOUT	L SUM	1	$37,835.00	$37,835.00
85	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	434	$88.07	$38,222.38
86	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 24"	FOOT	30	$208.66	$6,259.80
87	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 12"	FOOT	194	$92.70	$17,983.80
88	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 18"	FOOT	73	$145.61	$10,629.53
89	STORM SEWERS, TYPE 2, WATER MAIN QUALITY PIPE, 24"	FOOT	8	$215.74	$1,725.92
90	SANITARY SEWER 12"	FOOT	209	$90.19	$18,849.71
91	ADJUSTING WATER SERVICE LINES	FOOT	800	$61.40	$49,120.00
92	CATCH BASINS, TYPE C	EACH	11	$2,611.75	$28,729.25
93	CLASS D PATCHES, SPECIAL, 4"	SQ YD	1,034	$80.50	$83,237.00
94	CONNECTION TO EXISTING WATER MAIN	EACH	13	$5,092.50	$66,202.50
95	CONTINGENCY ALLOWANCE	DOLLAR	300,000	$1.00	$300,000.00
96	FENCE REMOVAL AND REINSTALLATION	FOOT	327	$31.05	$10,153.35
97	GARDEN TRELLIS REMOVAL AND REINSTALLTION	EACH	1	$460.00	$460.00
98	INLET, SPECIAL 6'X3'	EACH	8	$8,871.25	$70,970.00
99	MANHOLE, SPECIAL, 9'X6'	EACH	1	$60,045.00	$60,045.00
100	MANHOLE, SPECIAL, 9'X8'	EACH	1	$68,440.00	$68,440.00
101	MANHOLES, TYPE A, 8'-DIAMETER	EACH	1	$23,270.95	$23,270.95
102	PRECAST 4' DIA TEE MANHOLE	EACH	1	$7,109.50	$7,109.50
103	SANITARY SERVICE PIPE REPLACEMENT	FOOT	750	$57.75	$43,312.50
104	SEWER SERVICE CHECK VALVE	EACH	25	$386.86	$9,671.50

Item No.	Items	Unit	Quantity	Unit Price	Total
105	SEWER SERVICE CLEANOUT	EACH	25	$218.04	$5,451.00
106	SEWER SERVICE CONNECTION	EACH	25	$3,635.78	$90,894.50
107	SEWER SERVICE FRAME AND LID	EACH	25	$177.33	$4,433.25
108	SHAPING AND GRADING ROADWAY	SQ YD	981	$7.29	$7,151.49
109	VALVE VAULTS, TYPE A, 4'-DIAMETER	EACH	9	$4,133.24	$37,199.16
110	WATER SERVICE (LEAD) - ASBESTOS ABATEMENT	EACH	14	$1.00	$14.00
111	WATER SERVICE (LEAD) - INTERIOR RESTORATION	EACH	28	$8,731.50	$244,482.00
112	WATER SERVICE , PUBLIC (LONG), 1 INCH	EACH	7	$3,120.16	$21,841.12
113	WATER SERVICE , PUBLIC (LONG), 1-1/2 INCH	EACH	7	$4,861.94	$34,033.58
114	WATER SERVICE , PUBLIC (SHORT), 1 INCH	EACH	7	$2,271.41	$15,899.87
115	WATER SERVICE , PUBLIC (SHORT), 1-1/2 INCH	EACH	7	$4,013.19	$28,092.33
116	WATER SERVICE CURB BOX	EACH	30	$101.20	$3,036.00
117	WATER SERVICE EXPLORATION TRENCH	EACH	107	$201.25	$21,533.75
118	WATER SERVICE LINE (PRIVATE) - LEAD SERVICE REPLACEMENT	FOOT	1,300	$22.18	$28,834.00
119	WATER USAGE CREDIT	TGAL	100	$8.85	$885.00
120	WATER USAGE DEDUCTION	TGAL	100	($8.85)	($885.00)
	Bidder's proposal for making entire improvements				**$6,487,050.50**

1. Each pay item should have a unit price and a total price.
2. 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.
3. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
4. A bid may be declared unacceptable if neither a unit price or total price is shown.

Document A310™ – 2010

Conforms with The American Institute of Architects AIA Document 310

Bid Bond

CONTRACTOR:
(Name, legal status and address)

Trine Construction Corp.
1041 Trine Ct., Suite A
St. Charles, IL 60174

OWNER:
(Name, legal status and address)
Village of Villa Park
20 Ardmore Avenue
Villa Park, IL 60181

SURETY:
(Name, legal status and principal place of business)
Hudson Insurance Company
100 William Street, 5th Floor
New York, NY 10038
Mailing Address for Notices
1411 Opus Place, Ste. 450
Downers Grove, Illinois 60515

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

BOND AMOUNT: $ 10% Ten Percent of Amount Bid

PROJECT:
(Name, location or address, and Project number, if any)
Jackson Area Improvement Project

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 17th **day of** December, 2024

(Witness)

(Witness) Lisa Marotta

Trine Construction Corp.
(Principal) *(Seal)*
By:
(Title)

Hudson Insurance Company
(Surety) *(Seal)*
By:
(Title) James I. Moore Attorney-in-Fact

Hudson Insurance Company CORPORATE SEAL 1918 DELAWARE

State of Illinois

County of DuPage

SURETY ACKNOWLEDGEMENT (ATTORNEY-IN-FACT)

I, Lisa Marotta Notary Public of DuPage County, in the State of Illinois, do hereby certify that James I. Moore Attorney-in-Fact, of the Hudson Insurance Company who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that he signed, sealed and delivered said instrument, for and on behalf of the Hudson Insurance Company for the uses and purposes therein set forth.

Given under my hand and notarial seal at my office in the City of Downers Grove in said County, this 17th day of December, 2024.

OFFICIAL SEAL
LISA MAROTTA
NOTARY PUBLIC, STATE OF ILLINOIS
My Commission Expires February 7, 2026

Notary Public Lisa Marotta

My Commission expires: February 7, 2026

ENGINEER COPY

CONTRACT

HUDSON INSURANCE GROUP

Bond Number: Bid Bond

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That HUDSON INSURANCE COMPANY, a corporation of the State of Delaware, with offices at 100 William Street, New York, New York, 10038, has made, constituted and appointed, and by these presents, does make, constitute and appoint

James I. Moore
of the State of IL

its true and lawful Attorney(s)-in-Fact, at New York, New York, each of them alone to have full power to act without the other or others, to make, execute and deliver on its behalf, as Surety, bonds and undertakings given for any and all purposes, also to execute and deliver on its behalf as aforesaid renewals, extensions, agreements, waivers, consents or stipulations relating to such bonds or undertakings provided, however, that no single bond or undertaking shall obligate said Company for any portion of the penal sum thereof in excess of the sum of **Twenty Five Million Dollars (25,000,000.00).**

Such bonds and undertakings when duly executed by said Attorney(s)-in-Fact, shall be binding upon said Company as fully and to the same extent as if signed by the President of said Company under its corporate seal attested by its Secretary.

In Witness Whereof, HUDSON INSURANCE COMPANY has caused these presents to be of its Senior Vice President thereunto duly authorized, on this 2nd day of June, 2022 at New York, New York.

(SEAL : seal)

HUDSON INSURANCE COMPANY

Attest.....
Dina Daskalakis No. 01MU6067553
Corporate Secretary

By.....
Michael P. Cifone
Senior Vice President

STATE OF NEW YORK
COUNTY OF NEW YORK. SS.

On the 2nd day of June, 2022 before me personally came Michael P. Cifone to me known, who being by me duly sworn did depose and say that he is a Senior Vice President of **HUDSON INSURANCE COMPANY**, the corporation described herein and which executed the above instrument, that he knows the seal of said Corporation, that the seal affixed to said instrument is such corporate seal, that it was so affixed by order of the Board of Directors of said Corporation, and that he signed his name thereto by like order.

(Notarial Seal)

ANN M. MURPHY NOTARY PUBLIC STATE OF NEW YORK

.....
ANN M. MURPHY
Notary Public, State of New York
No. 01MU6067553
Qualified in Nassau County
Commission Expires December 10, 2025

CERTIFICATION

STATE OF NEW YORK
COUNTY OF NEW YORK SS.

The undersigned **Dina Daskalakis** hereby certifies:

That the original resolution, of which the following is a true and correct copy, was duly adopted by unanimous written consent of the Board of Directors of Hudson Insurance Company dated July 27th, 2007, and has not since been revoked, amended or modified:

"RESOLVED, that the President, the Executive Vice Presidents, the Senior Vice Presidents and the Vice Presidents shall have the authority and discretion, to appoint such agent or agents, or attorney or attorneys-in-fact, for the purpose of carrying on this Company's surety business, and to empower such agent or agents, or attorney or attorneys-in-fact, to execute and deliver, under this Company's seal or otherwise, bonds obligations, and recognizances, whether made by this Company as surety thereon or otherwise, indemnity contracts, contracts and certificates, and any and all other contracts and undertakings made in the course of this Company's surety business, and renewals, extensions, agreements, waivers, consents or stipulations regarding undertakings so made; and

FURTHER RESOVLED, that the signature of any such Officer of the Company and the Company's seal may be affixed by facsimile to any power of attorney or certification given for the execution of any bond, undertaking, recognizance, contract of indemnity or other written obligation in the nature thereof or related thereto, such signature and seal when so used whether heretofore or hereafter, being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed."

THAT the above and foregoing is a full, true and correct copy of Power of Attorney issued by said Company, and of the whole of the original and that the said Power of Attorney is still in full force and effect and has not been revoked, and furthermore that the Resolution of the Board of Directors, set forth in the said Power of Attorney is now in force.

Witness the hand of the undersigned and the seal of said Corporation this 17th day of December, 2024.

(SEAL seal)

By.....
Dina Daskalakis, Corporate Secretary

Illinois Department of Transportation

Apprenticeship and Training Program Certification

Local Public Agency	County	Street Name/Road Name	Section Number
Village of Villa Park	DuPage	Addison Avenue, Madison Street, Wisconsin Avenue	N/A

All contractors are required to complete the following certification

☒ For this contract proposal or for all bidding groups in this deliver and install proposal.

☐ For the following deliver and install bidding groups in this material proposal.

Illinois Department of Transportation policy, adopted in accordance with the provisions of the Illinois Highway Code, requires this contract to be awarded to the lowest responsive and responsible bidder. The award decision is subject to approval by the Department. In addition to all other responsibility factors, this contract or deliver and install proposal requires all bidders and all bidder's subcontractors to disclose participation in apprenticeship or training programs that are (1) approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training, and (2) applicable to the work of the above indicated proposals or groups. Therefore, all bidders are required to complete the following certification:

1. Except as provided in paragraph 4 below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.

2. The undersigned bidder further certifies, for work to be performed by subcontract, that each of its subcontractors either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.

3. The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.

4. Except for any work identified above, if any bidder or subcontractor shall perform all or part of the work of the contract or deliver and install proposal solely by individual owners, partners or members and not by employees to whom the payment of prevailing rates of wages would be required, check the following box, and identify the owner/operator workforces and positions of ownership. ☐

The requirements of this certification and disclosure are a material part of the contract, and the contractor shall require this certification provision to be included in all approved subcontracts. The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is accounted for and listed. The Department at any time before or afterward may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors. In order to fulfill the participation requirement, it shall not be necessary that any applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this contract or deliver and install proposal.

Bidder	Signature & Date
Trine Construction Corp.	12/17/24
Title	
President	
Address	**City** / **State** / **Zip Code**
1041 Trine Ct., Suite A	St. Charles / IL / 60174

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CONTRACT

The United States Department of Labor

Office of Apprenticeship

Certificate of Registration of Apprenticeship Program

Chicagoland Laborers

Carol Stream, IL

For the occupation of CONSTRUCTION CRAFT LABORER

Registered as part of the National Apprenticeship System in accordance with the basic standards of apprenticeship established by the Secretary of Labor

April 12, 1999

Date

IL017990001

Registration No.

Administrator, Office of Apprenticeship

Illinois Department of Transportation

Affidavit of Illinois Business Office

Local Public Agency	County	Street Name/Road Name	Section Number
Village of Villa Park	DuPage	Addison Avenue, Madison Street, Wisconsin Avenue	N/A

I, Michael M. Rendina (Name of Affiant) of St. Charles (City of Affiant), Illinois (State of Affiant), being first duly sworn upon oath, state as follows:

1. That I am the President (Officer or Position) of Trine Construction Corp. (Bidder).
2. That I have personal knowledge of the facts herein stated.
3. That, if selected under the proposal described above, Trine Construction Corp. (Bidder), will maintain a business office in the State of Illinois, which will be located in Kane (County) 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 & Date: , 12/17/24

Print Name of Affiant: Michael M. Rendina

Notary Public

State of IL

County DuPage

Signed (or subscribed or attested) before me on 12/17/24 (date) by

Michael Rendina (name/s of person/s), authorized agent(s) of

Trine Construction Corp. (Bidder).

ANGELA BLONIARZ
OFFICIAL SEAL
Notary Public, State of Illinois
My Commission Expires
December 09, 2026

(SEAL)

Notary Public Signature & Date: Angela Bloniarz 12/17/24

My commission expires 12/9/26

Illinois Department of Transportation

Affidavit of Availability

For the Letting of

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

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	Accumulated Totals
Contract Number	702408	702407	702412	702411	702501	
Contract With	Elgin	NMWRD	Burr Ridge	St. Charles	Manhattan	
Estimated Completion Date	12/20/24	4/1/25	1/20/25	12/25/24	1/24/24	
Total Contract Price	4,548,923.25	4,060,303.28	2395,700.00	2,892,500.00	485,000.00	
Uncompleted Dollar Value if Firm is the Prime Contractor	1,704,434.00	3,037,936.22	1,157,705.79	1,091,834.00	455,000.00	
Uncompleted Dollar Value if Firm is the Subcontractor						
					Total Value of All Work	7,476,400.00

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.

Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Water Main	900,000.00		850,000.00		180,000.00	
Sanitary Sewer		1,800,000.00		700,000.00		
Totals	900,000.00	1,800,000.00	850,000.00	700,000.00	180,000.00	

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	Everlast	Geske	R.T. Underground	Everlast	Precision Paving
Type of Work	Paving	Paving	Drilling	Paving	Auger & Bore
Subcontract Price	740,967.00	459,704.50	666,636.00	307,700.00	149,260.00
Amount Uncompleted	400,000.00	459,704.50	0.00	200,000.00	149,260.00
Subcontractor	Reliable	Merlino	Everlast	Reliable	
Type of Work	Landscaping	Downstream	Paving	Landscaping	
Subcontract Price	32,000.00	400,000.00	245,681.80	12,240.00	
Amount Uncompleted	32,000.00	50,000.00	59,000.00	12,240.00	
Subcontractor		Reliable		A.C. Pavement	
Type of Work		Landscaping		Striping	
Subcontract Price		80,560.00		14,494.50	
Amount Uncompleted		80,560.00		0.00	
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					

Total Uncompleted					

Notary

I, being duly sworn, do hereby declare 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.

Officer or Director: Michael M. Rendina

Title: President

Signature: [signature] Date: 12/17/24

Company: Trine Construction Corp.

Address: 1041 Trine Ct., Suite A

City: St. Charles State: IL Zip Code: 60174

Subscribed and sworn to before me this 17th day of December, 2024

Angela Bloniarz
(Signature of Notary Public)

My commission expires 12/9/26

ANGELA BLONIARZ
OFFICIAL SEAL
Notary Public, State of Illinois
My Commission Expires
December 09, 2026

(Notary Seal)

☐ Add pages for additional contracts

ADDENDUM NO. 1

DATE: December 12, 2024

FROM: Village of Villa Park Public Works Department

TO: All Planholders

PROJECT: **Jackson Area Improvement Project**

The Bidding Documents for the subject project are hereby amended as follows. The attached Acknowledgement Form must be filled out and returned with your Bid.

CHANGE THE FOLLOWING ITEM(S) IN THE PLANS:

REPLACE:

Replace Page 3 & 4 of the Plans with the attachment included in this addendum. The revision was made to the quantity for the following pay items:

- Pay Item #1 – Tree Removal was changed to a quantity of 350 UNIT diameter
- Pay Item #6 – Porous Granular Embankment was changed to a quantity of 190 CY
- Pay Item #35 – Adjusting Existing Water Main was changed to a quantity of 500 LF
- Pay Item #36 – Water Valve To Be Adjusted was removed from the plans

CHANGE THE FOLLOWING ITEM(S) IN THE SPECIFICATIONS:

IN "SCHEDULES OF PRICES BLR 12201":

REPLACE:

Replace pages 1 of 4 and 2 of 4 with the attachment included in this addendum. The revisions were as follows:

- Pay Item #1 – Tree Removal was changed to a quantity of 350 UNIT diameter
- Pay Item #6 – Porous Granular Embankment was changed to a quantity of 190 CY

- Pay Item #35 – Adjusting Existing Water Main was changed to a quantity of 500 LF
- Pay Item #36 – Water Valve To Be Adjusted was removed from the plan

IN "PAY ITEM SPECIAL PROVISIONS":

REPLACE:

Replace page 42 of the Pay Item Special Provisions with the attachments included in this addendum.

- Pay Item #7, TRENCH BACKFILL, was updated to include the following language as paragraph four of the Description.

  "Trench backfill shall be placed and measured for payment to the subgrade of the pavement profile."

Replace page 80 of the Pay Item Special Provisions with the attachments included in this addendum.

- The language for Pay Item #91, ADJUSTING WATER SERVICE LINE, was updated to show the unit of measurement for this pay item as per foot and not per each.

Replace page 82 of the Pay Item Special Provisions with the attachments included in this addendum.

- Pay Item #94, CONNECTION TO EXISTING WATER MAIN was updated to include the following language as paragraph six of the Construction section.

  "This work shall also include any cutting, capping and bracing of existing pipe necessary to make the connection."

Replace page 92 of the Pay Item Special Provisions with the attachments included in this addendum.

- Pay Items # 109, VALVE VAULT was updated to include the following language as paragraph three of the Construction section.

  "When a proposed valve vault is to be installed at the location of an existing structure, the removal of the existing structure shall be included in this item."

END OF ADDENDUM NO. 1

ENGINEER COPY

CONTRACT

RETURN WITH BID

ADDENDUM NO. 1
ACKNOWLEDGMENT FORM

I/We hereby acknowledge receipt of the following documents pertaining to **ADDENDUM No. 1** to the Bidding Documents for the Village of Villa Park's **JACKSON AREA IMPROVEMENT PROJECT**.

Addendum No. 1	2 pages
Attachments	
1. Plan Sheets	2 pages
2. Bid Book Sheets	6 pages
Acknowledgment Form	1 page
TOTAL	**11 pages**

Name: Anthony Bucaro

Title: Project Manager

Company: Trine Construction Corp.

Signature: [signature]

Date: 12/17/24

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SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", adopted January 1, 2022 (referred to hereinafter as the "Standard Specifications"); the "Supplemental Specifications and Recurring Special Provisions", adopted January 1, 2024; the "Illinois Manual on Uniform Traffic Control Devices For Streets and Highways", latest edition (referred to hereinafter as the "IMUTCD"); and the "Standard Specifications for Water and Sewer Construction in Illinois", latest edition (referred to hereinafter as the "Water and Sewer Specifications"). In case of conflict with any part or parts of said Specifications, these Special Provisions shall take precedence and shall govern. Where no conflict exists, the said Specifications shall apply to this Contract as if repeated in their entirety herein.

DEFINITIONS

Contractor. The individual, firm, partnership, joint venture, or corporation contracting with the Village of Villa Park for performance of prescribed work.

Department, Owner or Village. The Village of Villa Park, County of DuPage, State of Illinois.

Engineer. The Resident Engineer who is the authorized representative of the Village of Villa Park in immediate charge of the engineering details of a construction project.

LOCATION OF PROJECT

The project is located on Addison Avenue from Madison Street to Washington Street, Madison Street from Addison Avenue to Michigan Avenue and Wisconsin Avenue from Jackson Street to Washington Street in the Village of Villa Park, DuPage County, Illinois. The approximate project length is 4,712 feet (0.893 mile). A location map is shown on the cover of the plans.

DESCRIPTION OF PROJECT

The project consists of installing approximately 3,000 linear feet of storm sewer varying in size from 30" to 72". The project also includes pavement and driveway removal, earth excavation, aggregate subgrade improvements, structure removal, structure adjustments, drainage improvements, hot-mix asphalt paving, combination concrete curb and gutter removal and installation, driveway restoration, parkway restoration, sidewalk removal and replacement, and other related and incidental work necessary to complete the improvements as shown on the plans and as described herein.

GENERAL SPECIAL PROVISIONS

QUALIFICATIONS OF BIDDERS

Bidders shall comply with all applicable Federal, State, and local laws and requirements, and will further meet the qualifications prescribed in this and other applicable portions of these provisions.

Bidder, in submitting a Bid, certifies that Bidder is in compliance with all applicable Federal, State, and local laws and requirements, and that Bidder further meets the qualifications prescribed in this and other applicable portions of these provisions. Engineer's determination as to the compliance and qualifications of the Bidder will be final, and Bidder, in submitting a Bid, agrees to be bound by that determination.

Bidder, in submitting a Bid, certifies that Bidder is in compliance with the following requirements and qualifications. Bidder further certifies that Bidder is able to provide written evidence of Bidder's compliance with the following requirements and qualifications. Bidder shall, upon request by Engineer, submit such written evidence within five (5) calendar days of the Engineer's request, as well as any other written evidence which Engineer may deem necessary for the purpose of evaluating Bidder's qualifications.

Failure of the Bidder to respond and/or submit any and all written evidence requested by the Engineer within five (5) calendar days from the request shall be cause for rejection of the Bid and the forfeiture of the Bid Bond which shall become the property of the Village, as liquidation of damages. Award may then be made to the next lowest responsible bidder, re-advertised and re-Bid, or otherwise, as the Engineer may decide is in the best interest of the Village.

(a) Bidder shall be qualified to do business in the State of Illinois.

(b) Bidder shall possess either a valid Federal Employer Tax Identification Number (FEIN) or a valid Social Security Number (SSN).

(c) Bidder shall be able to provide a street address and description of the Bidder's place of business, and the mailing address of the business, if different from the street address.

(d) Bidder shall be able to provide the number of years Bidder has been engaged in the contracting business under the present firm name, and the name of the state where incorporated.

(e) Bidder shall be able to provide a list of the property and equipment available to the Bidder.

(f) Bidder shall be able to provide a financial statement demonstrating that the Bidder has the financial resources to meet all obligations related to the Work.

(g) Bidder shall maintain insurance policies with the coverages required by the Contract, and with the minimum limits of coverage required by the Contract. Bidder shall be able to provide current certificate(s) of insurance for the insurance policies held by Bidder, demonstrating that Bidder holds insurance policies with the coverages required by the contract, and with the minimum limits of coverage required by the Contract.

(h) Bidder shall have constructed a minimum of three (3) projects of a similar nature in the immediate past five (5) years. Bidder shall be able to provide a list of all projects of a similar nature constructed by Bidder in the immediate past five (5) years, which list shall contain the minimum of three (3) such projects, which list shall provide a description and the location(s) of all such projects, and shall contain the Bidder's performance record and references, as well as the names and current contact information, including addresses and telephone numbers, of persons who acted as owners' representatives for those projects and who have knowledge of those projects, and whom Bidder agrees the Village may contact for the purpose of verifying Bidder's performance and references.

(i) Bidder shall be able to provide a list of three (3) references (name, address and telephone number) with knowledge of the integrity and business practices of the bidder. Such references may not be persons who have been employed by Bidder as employees.

(j) Bidder shall be able to provide a list of projects presently under Contract, the awarded Contract amount of each, the approximate adjusted Contract amount of each (if applicable), and the dollar amount or percent of completion of each.

(k) Bidder shall be able to provide a list of Contracts which have resulted in lawsuits, whether against Bidder as a prime contractor, against Bidder as a subcontractor, or against Bidder as a party in any other capacity; or against subcontractors or suppliers performing work for Bidder or under Contract held by Bidder.

(l) Bidder shall be able to provide a list of Contracts defaulted.

(m) Bidder shall be able to provide a statement indicating whether or not Bidder has ever filed bankruptcy.

(n) Bidder shall be able to provide a list of all officers of the firm, which list shall also indicate those officers who, while in the employ of the firm or in the employ

of previous firms, were associated with Contracts which resulted in lawsuits, Contracts defaulted, or firms which filed for bankruptcy.

(o) Bidder shall maintain personnel guaranteed to be employed in the responsible charge of the Work, which personnel possess sufficient technical experience to ensure the satisfactory completion of the Work. Bidder shall be able to provide the names and technical experience of such personnel, as well as statements as to whether the personnel have or have not performed satisfactorily on other contracts of like nature and magnitude or comparable difficulty at similar rate of progress.

(p) Bidder shall be able to provide a list of subcontractors and suppliers anticipated to be employed by Bidder for the purpose of completing the Work, including the firm name, street address and description of place of business; mailing address of business (if different); phone, fax and e-mail contact information of business; name of primary contact; and a list of any projects or contracts for which Bidder currently owes monies to said firm, which list shall include a description of the project or contract, the amount currently due to said firm, the period of time for which those monies have been owed, and the expected date of payment of those monies.

(q) Bidder shall participate in active apprenticeship and training programs approved by and registered with the United States Department of Labor Bureau of Apprenticeship and Training for each of the trades of work contemplated under the Contract. Bidder shall be able to provide evidence of Bidder's participation in such apprenticeship and training programs.

(r) Bidder shall only employ subcontractors who meet the requirements prescribed in this section and other sections of these specifications.

(s) Bidder shall be able to provide such other information as may assist the Village in determining whether the Bidder is adequately prepared to fulfill the Contract.

These requirements and qualifications are not intended to discourage bidding, to make it difficult for qualified Bidders to submit Bids, or to discourage beginning contractors. The purpose of these requirements and qualifications is to allow the Village to obtain sufficient information about Bidder's financial state, available equipment, personnel, and previous work experience so that the Village may mitigate the hazards involved in awarding contracts to parties who may not be qualified to perform the Work as specified.

A copy of Village of Villa Park Ordinance No. 3733, amending the requirements of bidders for construction projects, is provided as Appendix A.

BID PRICE LIMITATIONS

The bid price for TRAFFIC CONTROL AND PROTECTION shall not exceed 5 percent of the total bid price. If the bid price for TRAFFIC CONTROL AND PROTECTION exceeds 5 percent of the total bid price, the Village may reject the Bid.

The bid price for CONSTRUCTION LAYOUT shall not exceed 2 percent of the total bid price. If the bid price for CONSTRUCTION LAYOUT exceeds 2 percent of the total bid price, the Village may reject the Bid.

The bid price for PRE-CONSTRUCTION VIDEO RECORDING shall not exceed 1 percent of the total bid price. If the bid price for PRE-CONSTRUCTION VIDEO RECORDING exceeds 1 percent of the total bid price, the Village may reject the Bid.

Bidder, in submitting a Bid, certifies that the Bid is in compliance with these requirements. The Village's determination as to whether or not to reject a Bid that does not comply with these requirements will be final, and Bidder, in submitting a Bid, agrees to be bound by that determination.

BIDS TO REMAIN SUBJECT TO ACCEPTANCE

All Bids shall remain subject to acceptance by the Village for a period of 90 calendar days from the date of the bid opening. The Village may extend the acceptance period by up to an additional 90 calendar days upon written notice to all Bidders by the Village. The Village may, in its sole discretion, release any Bid and return the Bid Security prior to the end of the acceptance period.

INCREASED OR DECREASED QUANTITIES

The Village reserves the right to increase or decrease the amount of work shown in the plans in accordance with Section 109 of the Standard Specifications.

FINAL INSPECTION

Final inspection shall be in accordance with Article 105.13 of the Standard Specifications, except as modified herein.

Revise the second paragraph of Article 105.13 of the Standard Specifications to read:

"If the inspection discloses any work, in whole or in part, as being unsatisfactory, the Engineer will give the Contractor the necessary instructions for correction of same, and the Contractor shall comply with such instructions within 14 calendar days of receipt of

such instructions. The Contractor shall give the Engineer not less than 48 hours' notice, in writing, prior to beginning any such corrective work. Upon completion of all corrective work, the Contractor shall give the Engineer notice in writing. Upon receipt of such notice, the Engineer will make another inspection which shall constitute the final inspection provided the work has been satisfactorily completed. In such event, the Engineer will notify the Contractor in writing of the date of final inspection."

DATE OF MANUFACTURE

Revise the second paragraph of Article 106.01 of the Standard Specifications to read:

"All materials to be permanently incorporated in the work, including, but not limited to, frames, grates, lids, castings, fire hydrants, pipe, drainage and utility structures, valves, stops, fittings, and hardware, shall have been manufactured no earlier than January 1 of the calendar year in which they are to be installed unless otherwise specifically prescribed in the contract documents."

IRON, STEEL, COPPER, AND BRASS PRODUCTS

Revise the third paragraph of Article 106.01 of the Standard Specifications to read:

All iron, steel, copper, and brass products, which are to be incorporated into the work, shall be domestically manufactured or produced and fabricated, unless an exception is expressly permitted under Federal and/or State law and written permission is given by Owner. The Contractor shall obtain from the iron, steel, copper, or brass producer and/or fabricator, in addition to the mill analysis, a certification that all iron, steel, copper, or brass materials meet these domestic source requirements.

HOLIDAYS

Revise the list of legal holidays in Article 107.09 of the Standard Specifications to read:

New Year's Day
Easter
Memorial Day
Independence Day
Labor Day
Thanksgiving Day
Thanksgiving Friday
Christmas Eve
Christmas Day
New Year's Eve

PUBLIC CONVENIENCE AND SAFETY (D–1)

Effective: May 1, 2012

Revised: July 15, 2012

Add the following to the end of the fourth paragraph of Article 107.09:

> "If the holiday is on a Saturday or Sunday, and is legally observed on a Friday or Monday, the length of Holiday Period for Monday or Friday shall apply."

Add the following sentence after the Holiday Period table in the fourth paragraph of Article 107.09:

> "The Length of Holiday Period for Thanksgiving shall be from 5:00 AM the Wednesday prior to 11:59 PM the Sunday After"

Delete the fifth paragraph of Article 107.09 of the Standard Specifications:

> "On weekends, excluding holidays, on roadways with Average Daily Traffic of 25,000 or greater, all lanes shall be open to traffic from 3:00 P.M. Friday to midnight Sunday except where structure construction or major rehabilitation makes it impractical."

USE OF FIRE HYDRANTS

Revise Article 107.18 of the Standard Specifications to read:

"**107.18 Use of Fire Hydrants.** If Contractor requires water for the completion of construction operations, and desires to obtain water from the Village, the Contractor shall submit a written request to the Village. If such request is approved by the Village, the Contractor shall obtain water from the fire hydrant located at 100 West Home Avenue, adjacent to the Village of Villa Park Fleet Maintenance Garage. Contractor's use of said hydrant and methods of obtaining water shall be in compliance with all applicable ordinances, rules, and regulations concerning such use. Contractor shall furnish all labor and equipment necessary to make a connection to said hydrant, and to obtain and transport water.

Contractor, upon each occasion water is obtained, shall make photographic documentation of such occasion.

If Contractor makes application for temporary use of a hydrant meter and the application is not approved, Contractor shall make record of the quantity of water obtained, along with the date and time obtained, and shall report such information after each use to the Village of Villa Park Public Works Department, 11 West Home Avenue. If such use takes place outside of the normal working hours of the Public Works Department, Contractor shall report such information immediately upon the commencement of normal working hours.

Contractor shall not use, operate, or obtain water from any hydrants other than the hydrant prescribed. Contractor shall not obtain water from the Village for construction operations or activities not under contract with the Village.

If a water main break occurs and the Village determines that the water main break is a result of Contractor's use of a hydrant, the Village may require the Contractor to repair the water main break in accordance with all applicable construction standards and requirements and at no cost to the contract, or may repair the water main break by other means and invoice the Contractor for reimbursement of the Village's costs.

Water usage will be measured according to the Special Provisions WATER USAGE DEDUCTION and WATER USAGE CREDIT."

INSURANCE

Insurance and indemnification shall be in accordance with applicable sections of the Standard Specifications and shall also be in accordance with the "IRMA Contractual Insurance Guidelines", incorporated herein as Appendix B. If a conflict is determined to exist between the requirements prescribed in the Standard Specifications and the requirements prescribed in the IRMA Contractual Insurance Guidelines, such conflict will be resolved as follows:

a. If a particular type of insurance coverage is required by one standard but not by both, that type of insurance coverage will be required.

b. If the minimum limits of insurance coverage required by one standard differ from those required by the other standard, the higher minimum limits of insurance coverage will prevail.

c. If any other conflicts are determined to exist between the requirements prescribed in the two standards, the stricter of the two requirements will prevail. The Village will make the final determination as to what constitutes a stricter requirement.

Contractor shall provide a Certificate of Insurance prior to execution of Contract. Such Certificate of Insurance shall list the Village of Villa Park as Certificate Holder and shall also name the following entity or entities as additional insureds:

Village of Villa Park

Certificate of Insurance shall include a CG5036 Additional Insured Endorsement.

Should said Certificate of Insurance expire prior to final acceptance of the project, said certificate shall be automatically renewed and provided to the Village of Villa Park a minimum of 30 days prior to expiration.

DUST CONTROL WATERING

Contractor shall apply water by means of spraying to control dust onsite.

Materials. Water and equipment that can apply the water by means of spraying. The methods of watering must meet the approval of the ENGINEER.

DUST CONTROL WATERING shall be considered incidental to the cost of the contract and will not be paid for separately.

CONFLICTS WITH UTILITIES

Conflicts with utilities shall be in accordance with Article 107.40 of the Standard Specifications, except as modified herein.

Add the following after the first paragraph of Article 107.40 of the Standard Specifications:

"Unless otherwise specified in the contract documents, utility facilities which are encountered during construction operations and are not in direct conflict with a proposed utility to be constructed under this contract shall be left undisturbed in place and shall be protected by the Contractor against damage and the interruption of utility services as a result of construction operations."

SUBCONTRACTING

Add the following to the end of the first paragraph of Article 108.01 of the Standard Specifications:

"Should Contractor fail to respond to such request for proof from Engineer or should Engineer determine that Contractor's response to such request is not sufficient to prove that a proposed subcontractor has the experience, ability, and equipment the work requires, Engineer may prohibit the employ of said subcontractor."

Add the following paragraph to the end of Article 108.01 of the Standard Specifications:

"The apparent low Bidder shall submit to Owner within 7 calendar days after the receipt of bids, a list of the names of Bidder's proposed subcontractors and material

suppliers along with a description of the work to be performed or the materials to be supplied by each."

PROGRESS SCHEDULE

Revise Article 108.02 of the Standard Specifications to read:

After the award of the contract and prior to starting work, the Contractor shall submit to the Engineer a satisfactory progress schedule or critical path schedule which shall show the proposed sequence of work, and how the Contractor proposes to complete the various items of work within the number of calendar days set up in the contract or on or before the completion date specified in the contract.

Work will not be permitted to start until a progress schedule has been submitted and approved. The contract time will commence to run in accordance with the contract documents regardless of whether a progress schedule has been submitted or approved. If the contract time has commenced to run and a progress schedule has not been submitted, the contract time will continue to run until the day that a progress schedule is submitted. The contract time will be suspended upon submittal of a progress schedule and while such progress schedule is under review. The contract time will resume to run upon provision of a response by the Engineer to the submitted progress schedule, regardless of whether such response is approval or rejection.

The progress schedule shall be used as a basis for establishing the controlling item of construction operations and for checking the progress of the work. The controlling item shall be defined as the item which must be completed either partially or completely to permit continuation of progress. It shall be the responsibility of the Contractor to show the intended rate of production for each controlling item listed on the schedule during the period such item is controlling.

The Contractor shall confer with the Engineer at regular intervals in regard to the prosecution of the work according to the progress schedule or critical path schedule.

If at any time the actual progress is ten or more calendar days behind the proposed progress shown on the approved schedule, the Engineer will select the controlling item of work for the purpose of checking the progress of the work. In such cases the Contractor shall submit a satisfactory revised progress schedule or revised critical path schedule. The Engineer will continue to determine the controlling item until the Contractor has submitted a satisfactory revised progress schedule or revised critical path schedule and such schedule has been approved.

Payment under this contract may be withheld if, at any time, a satisfactory and approved progress schedule is not in place.

WORKING DAYS

Remove Article 108.04 of the Standard Specifications in its entirety.

WORKING HOURS

Working hours will be between 7:00 A.M. and 6:00 P.M., Monday through Friday, excluding holidays as designated by the Contract.

Contractor will not permit the performance of Work outside these working hours without Owner's written consent, which may be given after prior written request to Engineer, except as otherwise required for the safety of persons or the Work or property at the Site or adjacent thereto, and except as otherwise stated in the Contract Documents.

If Contractor permits the performance of Work outside these working hours, Contractor shall compensate Owner for the costs of inspection and other services provided by Owner or Engineer. Owner will determine the rates at which such inspection and other services are to be compensated. Owner will determine the interval or intervals at which billing will take place, and may, at Owner's discretion, submit invoices for payment to Contractor, or deduct the costs from any monies due or to become due to the Contractor from Owner. If the Owner determines the Contractor had produced sufficient production during working hours, the Owner may waive compensation required to be provided by the Contractor for working outside of working hours.

CONTRACT TIME

The work shall achieve substantial completion within 270 calendar days or by November 7, 2025 unless additional time is granted in accordance with the specifications.

Substantial completion shall be defined as the completion of, at a minimum, underground utility work, roadway excavation, aggregate subgrade improvements, aggregate base course placement, concrete curb and gutter installation, binder course placement, surface course placement, driveway pavement placement, sidewalk removal and replacement, grading of parkways, placement of topsoil, and such other items of work as may be identified by the Engineer.

The work shall achieve final completion in accordance with the special provision FINAL INSPECTION.

No allowance will be made for delay or suspension of the work due to the fault of the Contractor.

STORM SEWER COMPLETION TIME

The storm sewer shall achieve substantial completion within 175 calendar days or by 08/02/2025 unless additional time is granted in accordance with the specifications.

Storm sewer substantial completion shall be defined as the completion of, at a minimum, storm sewer removal, installation of all storm sewer structures, inlets, catch basins, storm sewer pipe, storm sewer laterals, trench backfill, and such other items of work as may be identified by the Engineer.

No allowance will be made for delay or suspension of the work due to the fault of the Contractor.

If the Contractor fails to complete the storm sewer work prior to the storm sewer completion deadline. Liquidated damages will be charge in accordance with the special provision FAILURE TO COMPLETE THE WORK ON TIME.

FAILURE TO COMPLETE THE WORK ON TIME

Replace the table in Article 108.09 of the Standard Specifications with the following:

Schedule of Deductions for Each Day of Overrun in Contract Time			
Original Contract Amount		Daily Charges	
From More Than	To and Including	Calendar Day	Work Day
$ 0	$ 100,000	$ 2,000	$ 2,800
100,000	500,000	3,000	4,200
500,000	1,000,000	4,000	5,600
1,000,000	3,000,000	5,000	7,000
3,000,000	6,000,000	6,000	8,400
6,000,000	12,000,000	9,000	12,600
12,000,000	And over	25,000	35,000

Add the following paragraph to the end of Article 108.09 of the Standard Specifications:

"Liquidated damages will be charged for each day of overrun in both substantial completion deadlines and final completion deadlines."

MONIES DUE TO OWNER

Should Contractor be subject to fines, deductions, reimbursements, liquidated damages, or other monies due to Owner, the cost thereof may be deducted from any monies due or to become due the Contractor under this contract or any other contract between the Owner and the Contractor. Bidders and Contractor, in submitting Bids, acknowledge this requirement and agree to be bound by it.

PARTIAL PAYMENTS

Add the following after the first paragraph of Article 109.07(a) of the Standard Specifications:

"Owner will deduct from the amount so determined for the completed work a sum of ten percent to be retained until the final payment. Owner may, at its discretion, reduce the percentage of such retention prior to the final payment, but in no event shall the amount retained be reduced to less than ten percent prior to substantial completion, nor shall such retention be reduced to less than two percent or less than $5,000.00 prior to the final payment.

TREE CARE

Tree care work shall be defined as all tree pruning, tree root pruning, tree planting, tree assessment, and tree remediation. All tree care work shall be in accordance with Section 201 of the Standard Specifications, except as modified herein.

All tree care work shall be performed by an ISA Certified Arborist or shall be performed under the direct supervision of an ISA Certified Arborist. The certified arborist shall submit a copy of their current and valid certificate to the Owner prior to any tree care work taking place. The certified arborist whose certificate is provided shall be on site at all times when tree care work is taking place. All such tree care work shall either be performed by the certified arborist or shall be performed under the direct supervision of the certified arborist.

TREE DAMAGE

If any trees are damaged during the project, the Contractor shall obtain and file with the Village a tree assessment of the damaged trees. The tree assessment shall detail the health and condition of the damaged trees and shall provide a recommendation for or against retention of each affected tree. The tree assessment will not be paid for.

When, in the opinion of the Village, a tree assessment obtained by the Contractor does not represent an independent evaluation, the Village may direct the Contractor to obtain a second tree assessment of the damaged trees and may provide the Contractor with a list of not less than two ISA Certified Arborists, from which list the Contractor shall select one for completion of the second tree assessment. The second tree assessment, if so directed, will not be paid for.

When multiple tree assessments are obtained, it will be the opinion of the Village as to which tree assessment is utilized for the purposes of addressing the remaining requirements of this section. Further references to the tree assessment in this section shall refer to the tree assessment selected by the Village.

If the tree assessment results in a recommendation for retention of an affected tree, the Contractor shall perform tree remediation of the affected tree as follows.

Trees subject to tree remediation will be fertilized and treated with Paclobutrazol. Treatment shall consist of air spading 2 holes for every 3 sq. ft. of area within the dripline of the tree to a depth of 12 in. to 18 in. and backfilling with Biochar.

If a tree subject to tree remediation is an Oak or an Elm species and the damage occurred between the dates of April 15 and October 15, then in addition to the Paclobutrazol treatment specified herein, the damage to the tree will be sealed in a manner approved by the Engineer.

The Owner may require the Contractor to perform additional methods of tree remediation or methods of tree remediation different from those listed if recommended by the tree assessment or deemed appropriate by the Owner.

Tree remediation will not be paid for.

If the tree assessment results in a recommendation against retention of an affected tree, the Contractor shall remove the affected tree. Should removal of the affected tree result in any additional damage to the site or result in the need for any additional restoration, Contractor shall repair or replace the damage or perform the restoration as deemed necessary by the Engineer. This work shall be in accordance with Article 201.04 of the Standard Specifications, except that the work will not be paid for.

If a tree is to be removed due to damage, a deduction will be applied to monies due or that might become due the Contractor. This Tree Damage Deduction will be applied as follows.

Trees to be removed due to damage will be measured per unit of diameter where one unit is equal to 1 in. The diameter will be measured at a point 4.5 ft. above the highest ground level at the base of the tree and will be determined by dividing the measured circumference of the tree by 3.1416.

If the tree had tree protection installed at the time of damage and if, in the opinion of the Village, the tree protection was correctly installed at the time of damage, the Tree Damage Deduction will be $300 per unit of diameter of the tree.

If the tree did not have tree protection installed at the time of damage or if, in the opinion of the Village, the tree protection was not correctly installed at the time of damage, the Tree Damage Deduction will be $800 per unit of diameter of the tree.

If a tree is to be removed due to damage, then in addition to the Tree Damage Deduction, Contractor shall also furnish and plant a tree of a species and caliper selected by the Owner at a location determined by the Owner. This work shall be in accordance with Section 253 of the Standard Specifications, except that the work will not be paid for.

TRENCH BACKFILL AND PIPE BEDDING

All trench backfill and pipe bedding materials furnished under this contract shall be virgin, non-recycled materials.

All trench backfill shall be crushed aggregate of CA-6 gradation. The aggregate material shall be placed in lifts not exceeding 8 in. in depth, loose measurement, and compacted by mechanical means to the satisfaction of the Engineer.

All pipes installed under this contract shall be placed on a bedding of crushed aggregate of CA-7 or CA-11 gradation having a minimum thickness of 4 in. The bedding shall be placed to a minimum of 12 in. above the top of the pipe and any fittings.

The cost of furnishing and installing pipe bedding materials will not be paid for separately but shall be included in the cost of items to which this work pertains.

BITUMINOUS MATERIALS

Prime coat will not be applied on aggregate bases as a part of this contract.

Tack coat shall be in accordance with the pay item special provision BITUMINOUS MATERIALS (TACK COAT).

TEST STRIPS

Test strips shall be in accordance with Section 406 and Section 1030 of the Standard Specifications, except as modified herein.

Remove all references to the payment of test strips and the payment of the HMA mixture in test strips from the Standard Specifications.

Test strips and the HMA mixture in test strips, if required, will not be measured for payment but shall be included in the unit bid prices of hot-mix asphalt binder courses and hot-mix asphalt surface courses.

PORTLAND CEMENT CONCRETE PAVEMENTS AND SIDEWALKS

Where forms are to be used for the installation of concrete, all such forms shall be wood.

Wood forms for all concrete installation shall be of a width that exceeds the required thickness of the concrete being installed

WATER SYSTEM LEAK DETECTION TESTING

Upon completion of all underground utility work, Contractor shall notify Owner, in writing, of such completion. Water system work shall be defined to include, but not be limited to, installation, replacement, or removal of water main, water valves, water fittings, fire hydrants, or water services.

Upon receipt of such notification from Contractor, Owner may elect to perform water system leak detection testing. If Owner so elects, such testing will be performed at Owner's expense. If, however, Owner elects to perform such testing and such testing identifies one or more leaks in the water system that Owner has cause to believe are the result of Contractor's prosecution of the work,

Owner shall so notify the Contractor.

Contractor, within seven calendar days, shall further repair all such leaks. Such repair work shall be in accordance with these specifications and with Villa Park Public Works Standards.

Contractor shall pay to Owner the sum of $2,000 per leak.

ADJUSTING RINGS

All drainage and utility structures which are constructed, reconstructed, or adjusted as a part of this contract shall have adjusting rings installed between the topmost section of the structure and the casting.

Each structure shall be fitted with a minimum of one adjusting ring and a maximum of two adjusting rings. The topmost adjusting ring on each structure shall be rubber. The second adjusting ring on each structure, if needed, shall be precast concrete with steel reinforcement. The total height of all adjusting rings on a single structure shall be a minimum of 2 in. and a maximum of 12 in.

The mating faces of adjusting rings shall be smooth, parallel, and free of cracks, chips, spalling, or casting irregularities. Rubber mastic shall be installed between each joint.

Adjusting rings will not be paid for separately but shall be included in the cost of the items to which this work pertains.

SEQUENCE OF OPERATIONS

The Contractor shall conduct the work on this project in such a manner and in such sequence as will assure the least interference with traffic and disruption to residents. Construction activities shall be restricted to the following staging:

- Stage 1 – Madison Street from Michigan Avenue to Addison Street
- Stage 2 – Wisconsin Street from Adams Street to Jackson Street
    - Stage 1 and 2 can be worked concurrently. The sewer and water main shall be tested and put into service before the HMA surface is to be installed. Stage 1 and 2 shall be completed up to the HMA binder course and/or up to the surface of the completed patch before work can begin on another stage.
- Stage 3 – Addison Street from Madison Street to Washington Street
- Stage 4 – Wisconsin Street from Adams Street to Washington Street
    - Stages 3 and 4 can be worked concurrently. The sewer and water main shall be tested and put into service before the HMA surface is to be installed.
- Stage 5 – includes all the parkway restoration work and final installation of the HMA surface course and striping.

The contractor shall make progress on all stages such that no resident's driveway is restricted for more than 14 calendar days at a time.

MOBILIZATION

Mobilization shall be in accordance with Section 671 of the Standard Specifications, except as modified herein.

Revise Article 671.02 of the Standard Specifications to read:

"**671.02 Basis of Payment.** This work will not be paid for separately but shall be included in the unit bid prices of the items for which this work applies."

KEEPING ROADS OPEN TO TRAFFIC

All roads shall remain open to traffic unless otherwise shown on the contract plans. When necessary to close one lane because of construction, the Contractor shall maintain one-way traffic during construction hours with the use of signs and flaggers as shown on the Traffic Control Standards. Two lanes of traffic will be maintained during nights and weekends when no construction activities are being carried on.

Contractor shall be aware that Jackson Street is the main point of access for the Jackson Middle School. No lane closures on Jackson Street are permitted during the following times without approval from the Village:

- Mondays: School days from 8:00 am to 9:15 am and from 2:30 pm to 3:30 pm
- Tuesday – Thursday: School days from 6:45 am to 8:00 am and from 2:30 pm to 3:30 pm
- Friday: No lane closures allowed.
- The first week of school for Jackson Middle School

Any holes left open at the end of the workday shall be protected and plated in accordance with the IDOT Standard Specifications. The cost of this work shall not be paid for separately and is considered incidental to the cost of the contract.

WINTER WORK

If Contractor elects to begin any site work before or during winter, no additional compensation will be granted for any costs or delays incurred by the Contractor as a result of winter weather. The Contractor shall be responsible for the implementation and cost of any winter shutdown provisions which are deemed necessary by the Engineer.

PORTABLE TOILET

Contractor shall furnish a portable toilet meeting Federal, State, and local health department requirements stocked with lavatory and sanitary supplies at all times. The portable toilet shall be provided at a location approved by the Engineer. The portable toilet shall be maintained in a clean and sanitary condition and shall be emptied as needed. This work will not be paid for separately but shall be included in the cost of the contract.

PROGRESS MEETINGS

Construction progress meetings will be held on a weekly basis beginning when the contract time commences to run and continuing until the project achieves final completion. Owner may, at its discretion, reduce the frequency of such meetings or cancel any or all such meetings. Contractor's representative in responsible charge of the work shall be present at all scheduled progress meetings. If Contractor's representative is not present at one or more scheduled progress meetings, Contractor shall compensate Owner for the costs of attendance of such meetings by Owner's and Engineer's representatives. Owner will determine the rates at which such attendance is to be compensated. Owner will determine the interval or intervals at which billing will take place, and may, at Owner's discretion, submit invoices for payment to Contractor, or deduct the costs from any monies due or to become due to the Contractor from Owner.

OPERATION OF WATER DISTRIBUTION FACILITIES

Contractor shall not operate any water distribution facilities, including, but not limited to, valves and hydrants. If Contractor requires the operation of such facilities, Contractor shall provide a minimum of 48 hours' notice to the Village and the Village will operate such facilities.

CONSTRUCTION SAFETY AND HEALTH STANDARDS

It is a condition of this contract and shall be made a condition of each subcontract entered into pursuant to this contract that the Contractor and any Subcontractor shall not require any laborer or mechanic employed in performance of that contract to work in surroundings or under working conditions which are unsanitary, hazardous, or dangerous to their health or safety, as determined under Federal Construction Safety and Health Standards.

MAINTENANCE WARRANTY

The Contractor shall execute and deliver to the Village, before final payment will be issued, a written warranty, in a form satisfactory to the Village, which guarantees that all work is in accordance with the contract and will not be defective. This warranty shall guarantee all work for a period of 1 year from the date of final inspection.

The Contractor shall furnish a warranty bond in an amount equal to 10 percent of the final contract amount, or $500,000, whichever is greater, by a surety satisfactory to the Village to guarantee Contractor's warranty to repair defective work.

If, within the warranty period, the Village determines any work to be defective, a written notice of such deficiency will be sent to the Contractor by certified mail.

The Contractor shall, within 14 calendar days of receipt of the notice of deficiency, and without cost to the Village, correct or repair such defective work, or remove and replace the defective work in accordance with the contract requirements for the item or items in question.

If Contractor desires an extension of time to complete the corrective work, Contractor shall make such request in writing within 10 calendar days of receipt of the notice of deficiency. After the Contractor has filed a request for an extension of time, the Village will notify the Contractor, in writing, whether or not such extension will be approved.

Should the Contractor fail to complete the corrective work within the 14 calendar days or within such extended time as may have been allowed, the Contractor shall be liable and shall pay to the Village the amount shown in the Schedule of Deductions for Each Day of Overrun in Contract Time, not as a penalty but as liquidated damages, for each day of overrun beyond the 14 calendar days or such extended time as may have been allowed.

MAINTENANCE OF ROADWAYS (D-1)

Effective: September 30, 1985
Revised: November 1, 1996

Beginning on the date that work begins on this project, the Contractor shall assume responsibility for normal maintenance of all existing roadways 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 Engineer.

If items of work have not been provided 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".

RESPONSIBILITY FOR VANDALISM

The Contractor shall be responsible for the protection of all equipment and materials. Any equipment or materials which are stolen, missing, lost, damaged, or vandalized shall be the Contractor's responsibility to replace or repair as needed at no additional cost to the contract.

The Contractor shall be responsible for the defacement of any concrete pours before they have set up. Concrete pavement, sidewalk, driveway, or curbing that has been defaced, in the opinion of the Engineer, shall be removed and replaced by the Contractor at Contractor's expense.

WORK ON COLLECTOR STREETS

Streets in the following list shall be defined as collector streets within and including the limits of the termini indicated. Streets that do not have termini identified shall be considered to be collector streets throughout their entire length within the limits of the Village of Villa Park.

Addison Road (St. Charles Road to Armitage Avenue)	Ardmore Avenue (IL Route 38 to Twin Lakes Park)	Armitage Avenue
Harrison Street (Ardmore Avenue to Villa Avenue)	Harvard Avenue (Jackson Street to St. Charles Road)	High Ridge Road
Highland Avenue (Ardmore Avenue to IL Route 83)	Jackson Street	Lincoln Avenue (Vermont Street to IL Route 64)
Madison Street	Pleasant Avenue	Plymouth Street
Riordan Road (Ardmore Avenue to Villa Avenue)	St. Charles Road	Summit Avenue (IL Route 38 to Kenilworth Avenue)
Sunset Drive (Westwood Avenue to Addison Road)	Vermont Street	Villa Avenue
Washington Street	Westmore Avenue (Terrace Street to IL Route 64)	

Where work takes place in or on a collector street as defined above, all trenches, excavations, street openings, and other work located within the limits of the pavement

shall be either covered with steel plates or capped to finished grade with cold-mix asphalt at the end of each workday until and after such underground utility work is complete.

Upon completion of such underground utility work in or on a collector street, final pavement restoration shall be completed within 7 calendar days. Final pavement restoration shall be completed without additional costs for mobilization.

Engineer may, at Engineer's discretion, waive the requirement that surface course be placed within the 7 calendar days, in which case Contractor shall place and maintain Bump signs at the location until final surface paving is completed.

EXCAVATION AND BACKFILLING OF DRAINAGE AND UTILITY STRUCTURES

Excavation, bedding and backfilling of drainage and utility structures which are constructed, reconstructed, or adjusted as a part of this contract will not be paid for separately but shall be included in the cost of the items to which this work pertains.

SALVAGE AND DISPOSAL OF EXISTING MATERIALS

Existing manufactured materials which are removed and are not to be reused, including, but not limited to, frames, grates, lids, castings, sign posts, sign panels, fire hydrants, valves, stops, and fittings, shall remain the property of the Village unless the Engineer waives this requirement as specified herein.

Existing manufactured materials which are removed and are not to be reused will be inspected by the Engineer. Materials which are determined by the Engineer to be in satisfactory condition shall remain the property of the Village and shall be delivered by the Contractor to the Village of Villa Park Public Works Department yard located at 51 South Ardmore Avenue in Villa Park. Delivery shall be made during the normal working hours of the Village of Villa Park Public Works Department and the Contractor shall coordinate the day, time, and other details of delivery with the Village.

Materials which are determined by the Engineer to be in unsatisfactory condition shall become the property of the Contractor and shall be removed from the site by the end of the workday and properly disposed of by the Contractor.

The delivery or disposal of materials will not be paid for separately but shall be included in the cost of all items that include removal of existing materials.

FRAMES, GRATES, AND LIDS

Frames, grates, lids, and all other castings furnished under this contract shall be in accordance with Section 602 and Section 604 of the Standard Specifications, except as modified herein.

Castings shall conform to ASTM A48 Class 30. Castings shall be free of cracks, holes, swells, cold shuts, and patches. Castings shall not be coated or painted.

Frames, grates, lids, and other castings shall be furnished in accordance with the following:

Type 1 frames and closed lids shall be Neenah R-1713 self-sealing or approved equal.

Type 1 frames and open lids shall be Neenah R-1713 or approved equal.

Type 11 frames and grates located in barrier curb and gutter shall be Neenah R-3281-A with curb box or approved equal.

Type 11 frames and grates located in depressed curb and gutter shall be Neenah R-3281-A with depressed curb grate or approved equal.

All other castings not specified above shall be as shown on the plans or as directed by the Engineer. If any of the castings specified are not compatible in the field due to frame height or other constraints, the Contractor shall propose an alternate casting to the Engineer for approval and shall furnish the alternate casting if approved.

Frames, grates, lids, and other castings located within curb ramps or crosswalks shall be substituted with ADA compliant castings.

All closed lid castings furnished under this contract shall be self-sealing, gasketed, watertight, and shall have machined bearing surfaces and concealed pick holes. The top surface of all closed lids shall be embossed with the words "VILLAGE OF VILLA PARK". The top surface of closed lids shall also be embossed with the word "SANITARY", "STORM", or "WATER" as appropriate.

Enviro-curb logos on curb boxes for Type 11 frames and grates shall have the words "DUMP NO WASTE" and "DRAINS TO RIVER" or "DRAINS TO WATERWAY" cast into the top of all curb boxes.

This work will be paid for separately as the type of frame, lid, grate or other casting specified.

PROTECTION OF EXISTING DRAINAGE FACILITIES DURING CONSTRUCTION

Unless otherwise noted in the contract plans, the existing drainage facilities shall remain in use during the period of construction.

Locations of existing drainage structures and sewers, if shown on the contract plans, are approximate. Prior to commencement of work, the Contractor, at his/her own expense, shall determine the exact location of existing structures which are within the proposed construction site.

All drainage structures are to be kept free from any debris resulting from construction operations. All work and materials necessary to prevent accumulation of debris in the drainage structure resulting from construction operations shall be removed at the Contractor's own expense, and no extra compensation will be allowed.

Unless reconstruction or adjustment of an existing manhole, catch basin, or inlet is called for in the contract plans or ordered by the Engineer, the proposed work shall meet the existing elevations of these structures. Should reconstruction or adjustment of a drainage structure be required by the Engineer in the field, the necessary work and payment shall be done in accordance with Section 602 and Article 104.02 respectively, of the Standard Specifications.

Existing frames and grates are to remain unless otherwise noted in the contract plans or as directed by the Engineer. Frames and grates that are missing or damaged prior to construction shall be replaced. The type of replacements frame or grate shall be determined by the Engineer, and replacement and payment for same shall be in accordance with Section 604 and Article 104.02 respectively, of the Standard Specifications unless otherwise noted in the plans or special provisions.

DROP HAMMERS

The use of drop hammers or similar equipment will not be permitted.

STORM STRUCTURES

All manholes, catch basins, and inlets installed under this contract shall be in accordance with Section 602 of the Standard Specifications, except as modified herein.

Unless otherwise noted, the proposed catch basin, manholes, inlets and drainage structures shall be Precast Reinforced Concrete (per Section 1042 of the Standard Specifications).

Removal of existing storm structures, if a new manhole, catch basin or inlet is to be installed at the same location, shall be included in cost of the new structure to be installed.

Removing existing storm structures shall consist of removal and disposal of existing structures in accordance with Section 605 of the Standard Specifications. The word Structure shall be understood to mean all storm manholes, catch basins and inlets.

This work will be paid for at the contract unit price per EACH for catch basins, manholes and inlets with the appropriate frames, grates and lids.

STORM STRUCTURES – WISCONSIN AND ADDISON CURB LINE

Prior to ordering materials, Contractor shall locate the existing water main (horizontally and vertically) at the location of the proposed catch basins along the east curb line of Addison Avenue, the west curb line of Wisconsin Avenue from Jackson Street to Madison Street, and the east curb line of Wisconsin Avenue from Madison Street to Washington Street to identify if a conflict exists. Locating the existing water main shall be paid for as "EXPLORATION TRENCH, SPECIAL."

If the proposed catch basin results in a conflict with the existing water main, the Contractor shall instead install a two foot inlet. The inlet shall be paid for as "INLETS, TYPE A, TYPE 11 FRAME AND GRATE" and all the special provisions for inlets shall govern. The Contractor will not be paid for the catch basin at these locations.

PLUGGING EXISTING MANHOLES AND PIPES

This work shall consist of plugging holes in manholes where sewer pipes have been removed or abandoned as shown on the plans and as determined by the Engineer. The holes shall be plugged with brick and non-shrink concrete mortar to the satisfaction of the Engineer. The non-shrink concrete mortar shall completely fill the holes and keep all water from entering the manhole. When sewers to be removed or abandoned tie directly into a pipe (including blind connections and services), the pipe shall be plugged with non-shrink concrete mortar to the satisfaction of the engineer. The pipe shall be watertight, and the inside of the pipe shall be free of excess material that might restrict flow.

All labor, materials, and equipment necessary to complete the work as specified herein shall not be paid for separately, but shall be included in the bid price of the pay item requiring the pipe removal or abandonment.

MAINTAINING ACCESS TO JACKSON MIDDLE SCHOOL

The Contractor shall be responsible for maintaining vehicular and pedestrian access to Jackson Middle School and at the intersection of Wisconsin Avenue and Jackson Street. The Contractor shall coordinate with Jackson Middle School at least 14 days prior to the start of construction at the intersection of Wisconsin Avenue and Jackson Street. The maintenance of access may include, but is not limited to: staged construction, sidewalk detours, and completing the work outside of Jackson Middle School's peak hours of traffic. Maintaining access to Jackson Middle School will not be paid for separately but shall be included in the cost of the contract.

ACCESS TO ADJACENT PROPERTIES

Unless otherwise specified in the contract documents or permitted by the Engineer, Contractor shall at all times maintain access to all properties, residences, and businesses located within or adjacent to the project area.

Exception will be made when concrete curb and gutter or concrete driveway pavement construction are taking place.

When access to adjacent properties is restricted due to construction, the Contractor shall maintain one-way traffic during construction hours with the use of signs and flaggers as shown on the Traffic Control Standards. Two lanes of traffic will be maintained during nights and weekends when no construction activities are being carried on.

PROTECTION AND RESTORATION OF PROPERTIES

If private property outside the limits of existing easements interferes with the work, the Contractor shall notify, in writing, the owners of such property, advising them of the nature of the interference and shall arrange to cooperate with them for the protection or disposition of such property. The Contractor shall furnish the Engineer with copies of such notifications and with copies of any agreements between the Contractor and the property owners concerning such protection or disposition.

The Contractor shall take all necessary precautions for the protection of public or private property, such as driveways, walls and foundations of buildings, vaults, underground structures of public utilities, underground drainage facilities, overhead structures of public utilities, landscape, hardscape, and fences contiguous to the work, for which the contract does not provide for removal or specify precautions. The Contractor shall protect and carefully preserve all official survey monuments, property marks, section markers, and Geological Survey Monuments, or other similar monuments, until the owner, or an authorized surveyor or agent has witnessed or otherwise referenced their location or

relocation. The Contractor shall notify the Engineer of the presence of any such survey or property monuments as soon as they are discovered.

The Contractor shall be responsible for the damage or destruction of property of any character resulting from neglect, misconduct, or omission in manner or method of execution or nonexecution of the work, or caused by defective work or the use of unsatisfactory materials, and such responsibility shall not be released until the work has been completed and accepted and the requirements of the Specifications complied with.

Whenever public or private property is so damaged or destroyed, the Contractor shall, at no additional cost to the Owner, restore such property to a condition equal to that existing before such damage or injury was done by repairing, rebuilding, or replacing it as may be directed, or the Contractor shall otherwise make good such damage or destruction in an acceptable manner. If the Contractor fails to do so, the Engineer may, after the expiration of a period of 48 hours after giving the Contractor notice in writing, proceed to repair, rebuild, or otherwise restore such property as may be deemed necessary, and the cost thereof will be deducted from any compensation due, or which may become due, the Contractor under this or any other contract between the Owner and the Contractor.

Damage due to construction operations and equipment beyond the engineering plan quantities without written authorization will be incidental to project.

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 bid prices of the contract, and no additional compensation will be allowed.

SIGN RELOCATION

All existing signs that need to be temporarily removed as part of the construction process or relocated due to location of proposed curb are to be reinstalled at the same station. Sign relocation, assembly removal, storage, temporary signing, and reinstallation to be included in the cost of TRAFFIC CONTROL AND PROTECTION (SPECIAL)

SAW CUTS

Saw cuts are required at all pavement removal limits. All saw cuts performed during the construction process will not be paid for separately but shall be included in the cost of the removal item adjacent to the saw cut.

PERMITS

The Contractor shall be responsible for completing all work in accordance with provisions of the project permits. No person shall construct, install, or repair any items within the Village limits unless such person has first obtained or verified to have been obtained by the Village the following permits:

1. An Illinois EPA NPDES ILR10 Permit.

The Village of Villa Park shall be responsible for obtaining the above permits. All costs associated with constructing the work in accordance with all permits shall be included in the cost of the overall contract. No additional compensation shall be made.

PARTIAL PAYMENTS

Add the following after the first paragraph of Article 109.07(a) of the Standard Specifications:

"Owner will deduct from the amount so determined for the completed work a sum of ten percent to be retained until the final payment. Owner may, at its discretion, reduce the percentage of such retention prior to the final payment, but in no event shall the amount retained be reduced to less than ten percent prior to substantial completion, nor shall such retention be reduced to less than two percent or less than $5,000.00 prior to the final payment.

ABANDON EXISTING SEWERS

This work shall consist of the abandonment of portions of sewers as shown on the plans and as directed by the Engineer to construct the proposed improvements.

Existing sewers to be abandoned shall be drained of all water and shall be plugged at both ends with a minimum of two (2) feet of non-shrink concrete/mortar plugs to the satisfaction of the Engineer. Pumping access points shall be at the proposed excavation locations.

This work shall not be paid for separately, but shall be included in the cost of the proposed storm sewer.

EXISTING SEWER REMOVAL

This work shall consist of the removal of existing sewers that are in direct conflict with the proposed improvements.

Existing sewers shall be removed only as directed by the Engineer. Excavated pipe material shall be disposed of by the Contractor in accordance with Article 202.03 of the Standard Specifications.

Trenches resulting from the removal of sewers shall be backfilled in accordance with the applicable requirements of Article 550.07. Backfill of removal trenches (including Trench Backfill) shall be included in this item.

This work shall not be paid for separately, but shall be included in the cost of the proposed items of work.

SOIL BORINGS AND WASTE DISPOSAL REPORTS

Soil borings and pavement cores were obtained on Addison Avenue, Wisconsin Avenue, Jackson Street and Madison Street by Soil and Material Consultants, Inc. Soil borings and waste disposal characterization were performed on Addison Avenue, Wisconsin Avenue, and Madison Street by V3 Companies. Summary reports of the pavement core, soil boring, and waste disposal characterization results can be found in Appendix E. The summary reports are for informational purposes only. Actual site conditions may vary.

MATERIAL AND EQUIPMENT STORAGE

The project site may have limited access and boundary constraints, all of which the Contractor accepts full responsibility. Any staging area(s) for materials, equipment, or other which are required by the Contractor shall be the responsibility of the Contractor.

If necessary, the Contractor shall enter into a separate contract with a private property owner which is outside the scope of this contract.

CONSTRUCTION NOTICES

It shall be the CONTRACTOR's responsibility to distribute all construction notifications. This work will not be measured for payment but shall be included in the total contract cost. The construction notices shall be reviewed and approved by the ENGINEER prior to being distributed. Notices shall be issued at the following stages:

	Activity	Notice Period Required
1.	Prior to driveway removal.	3 consecutive days prior
2.	Prior to water and sanitary service interruption.	2 consecutive days prior
3.	Prior to pavement/curb removal.	2 consecutive days prior
4.	Prior to paving.	2 consecutive days prior

The CONTRACTOR will also be responsible for distributing and/or redistributing notices in case of any delays due to inclement weather or for any other reason for extended stoppages (i.e. strikes) in the construction schedule.

Notices shall be considered distributed when all affected residents have received notices as well as a copy delivered and/or emailed to Public Works. The copy to Public Works shall be delivered the same day it is distributed to the residents.

Should the CONTRACTOR fail to distribute or post notices per the request of the VILLAGE, the CONTRACTOR shall not be allowed to start work on the given task until proper notification has been provided. No additional contract time will be allowed for compliance with this requirement.

MATERIAL ORDERS

The Contractor shall order all materials with long lead times within 5 working days from execution of Contract to minimize any project delays and meet project completion date. **Any issues procuring material shall be brought to the attention of the Village and Engineer immediately.**

NON-SPECIAL WASTE DISPOSAL

Arsenic was detected at concentrations that were equal to, or exceed, the Maximum Allowable Concentrations (MACs) throughout the site. Chromium was detected at concentrations exceeding the MAC in one section of the project area. The MAC exceedances disqualify project soils from being certified for Clean Construction Demolition Debris (CCDD) Disposal. Soils can be disposed of at RCRA Subtitle D Landfill as non-hazardous, non-special waste.

The testing, excavation, and disposal of non-special waste will not be paid for separately but shall be included in the unit bid prices of the items for which this work applies.

The Disposal characterization memo can be found in Appendix E.

STATUS OF UTILITIES (D-1)

Effective: June 1, 2016

Revised: January 1, 2020

Utility companies and/or municipal owners located within the construction limits of this project have provided the following information regarding their facilities and the proposed improvements. The tables below contain a description of specific conflicts to be resolved and/or facilities which will require some action on the part of the Department's contractor to proceed with work. Each table entry includes an identification of the action necessary and, if applicable, the estimated duration required for the resolution.

UTILITIES TO BE ADJUSTED

Conflicts noted below have been identified by following the suggested staging plan included in the contract. The company has been notified of all conflicts and will be required to obtain the necessary permits to complete their work; in some instances, resolution will be a function of the construction staging. The responsible agency must relocate, or complete new installations as noted below; this work has been deemed necessary to be complete for the Department's contractor to then work in the stage under which the item has been listed.

Pre-Stage

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	ACTION
Various	Electrical/ Street Lights	Aerial Cable, Street Light Poles	ComEd	The Contractor shall coordinate relocation and bracing of street light poles. ComEd Reference #H25276GLB
Various	Gas	Underground Gas Main and Services	Nicor	Gas services located and adjusted. The Contractor shall coordinate conflicts of mains and services and protect utility from damage during construction. Nicor SC20673

The following contact information is what was used during the preparation of the plans as provided by the Agency/Company responsible for resolution of the conflict.

Agency/Company Responsible to Resolve Conflict	Name of contact	Phone	E-mail address
ComEd	Lisa Argast	708-277-8511	PlanSubmittalsandMapRequests@exeloncorp.com
Nicor Gas	Sakibul Forah Joey Betland	630-388-2903 630-733-9881	sforah@southernco.com joseph.betland@kimley-horn.com

UTILITIES TO BE WATCHED AND PROTECTED

The areas of concern noted below have been identified by following the suggested staging plan included for the contract. The information provided is not a comprehensive list of all remaining utilities, but those which during coordination were identified as ones which might require the Department's contractor to take into consideration when making the determination of the means and methods that would be required to construct the proposed improvement. In some instances, the contractor will be responsible to notify the owner in advance of the work to take place so necessary staffing on the owner's part can be secured.

Pre-Stage

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	ACTION
	Electrical/Street Lights	Aerial Cable, Street Light Poles	ComEd	The Contractor shall coordinate bracing and protect utility from damage during construction. ComEd Reference #H25276GLB
	Gas	Underground Gas Main and Services	Nicor	Gas services located and adjusted. The Contractor shall coordinate conflicts of mains and services and protect utility from damage during construction. Nicor SC20673
	Phone	Aerial Cable and Buried Conduit	AT&T	The Contractor shall protect utility from damage during construction. AT&T Ref #LM2106B

The following contact information is what was used during the preparation of the plans as provided by the owner of the facility.

Agency/Company Responsible to Resolve Conflict	Name of contact	Phone	E-mail address
ComEd	Lisa Argast	708-277-8511	PlanSubmittalsandMapRequests@exeloncorp.com
AT&T	Rich Kopec	630-632-3148	Rk1983@att.com
Nicor Gas	Sakibul Forah Joey Betland	630-388-2903 630-733-9881	sforah@southernco.com joseph.betland@kimley-horn.com

The above represents the best information available to the Department and is included for the convenience of the bidder. The days required for conflict resolution should be considered in the bid as this information has also been factored into the timeline identified

for the project when setting the completion date. The applicable portions of the Standard Specifications for Road and Bridge Construction shall apply.

Estimated duration of time provided above for the first conflicts identified will begin on the date of the executed contract regardless of the status of the utility relocations. The responsible agencies will be working toward resolving subsequent conflicts in conjunction with contractor activities in the number of days noted.

The estimated relocation duration must be part of the progress schedule submitted by the contractor. A utility kickoff meeting will be scheduled between the Department, the Department's contractor and the utility companies when necessary. The Department's contractor is responsible for contacting J.U.L.I.E. prior to all excavation work.

PAY ITEM SPECIAL PROVISIONS

PAY ITEM #1 – TREE REMOVAL

Description. This work shall consist of the cutting, grubbing, removal, and disposal of trees and stumps. This work shall be in accordance with Section 201 of the Standard Specifications, except as modified herein.

Construction. Trees and stumps shall be removed to a depth of not less than 24 in. below the elevation of the subgrade, the finished earth surface, or the ground line.

Method of Measurement. Trees to be removed will be measured per unit of diameter where one unit is equal to 1 in. The diameter will be measured at a point 4.5 ft above the highest ground level at the base of the tree and will be determined by dividing the measured circumference of the tree by 3.1416.

Basis of Payment. This work will be paid for at the contract unit price per unit diameter for TREE REMOVAL (OVER 15 UNITS DIAMETER).

PAY ITEM #3 – TREE ROOT PRUNING

Description. This work shall consist of performing tree root pruning. This work shall be in accordance with Section 201 of the Standard Specifications, except as modified herein.

Tree root pruning shall be considered tree care work and shall be in accordance with the special provision TREE CARE.

Tree root pruning shall be performed using an approved Vermeer Root Cutter mechanical root pruning saw or approved equal.

Fertilizer nutrients and supplemental watering will not be paid for separately, but shall be included in the cost of TREE ROOT PRUNING.

Method of Measurement. This work will be measured for payment as each per tree.

Basis of Payment. This work will be paid for at the contract unit price per each for TREE ROOT PRUNING.

PAY ITEM #7 – TRENCH BACKFILL

Description. This work shall consist of furnishing aggregate for backfilling all trenches made in the subgrade of the proposed improvement, and all trenches where the inner edge of the trench is within 2 ft of the proposed edge of pavement, curb, gutter, curb and gutter, stabilized shoulder, or sidewalk.

This work also includes the disposal of the surplus excavated material which is replaced by trench backfill. Such disposal shall be made according to Article 202.03.

This work shall be in accordance with Section 208 of the Standard Specifications, except as modified herein.

Trench backfill shall be placed and measured for payment to the subgrade of the pavement profile.

Method of Measurement. This work will be measured for payment in place as cubic yard.

Basis of Payment. This work will be paid for at the contract unit price per cubic yard for TRENCH BACKFILL.

PAY ITEM #11 – INLET FILTERS

Description. This work shall consist of installing, maintaining, and cleaning inlet filters as shown on the plans or as directed by the Engineer. This work shall be in accordance with Section 280 of the Standard Specifications, except as modified herein.

Inlet filters shall consist of metal frames with attached fabric bags. Contractor shall furnish inlet filters of appropriate sizes and shapes necessary to accommodate all different types of drainage structures encountered. The use of filter fabric without a frame will not be an acceptable material for inlet filters and will be rejected.

Contractor shall inspect and clean all inlet filters weekly, after every rainfall, and additionally as needed. Maintenance and cleaning of inlet filters will not be paid for separately but shall be included in the cost of this work.

Method of Measurement. This work will be measured for payment as each individual inlet filter installed and the unit of measurement will be each. No measurement will be made of maintenance and cleaning efforts. If an inlet filter is installed on multiple structures the inlet filter will only be measured for payment once.

Basis of Payment. This work will be paid for at the contract unit price per each for INLET FILTERS.

PAY ITEM #12 – AGGREGATE SUBGRADE IMPROVEMENT

This work shall be done in accordance with Section 303 of the IDOT District 1 Special Provisions. 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 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.

PAY ITEM #15 – BITUMINOUS MATERIALS (TACK COAT)

Description. This work shall consist of the preparation and application of bituminous tack coat on concrete or HMA bases prior to HMA placement. This work shall be in accordance with Section 406 of the Standard Specifications, except as modified herein.

Bituminous tack coat shall be placed at least one hour in advance of the placement of HMA, but no more than 48 hours in advance of the placement of HMA. If Contractor places tack coat more than 48 hours in advance of the placement of HMA, the tack coat will not be measured for payment, and Contractor will place tack coat again in accordance with this provision. Tack coat shall not be placed on weekends or on holidays unless permitted by the Engineer. Tack coat shall not be placed before weekends or holidays when placement of HMA is not expected to take place until after the weekend or holiday, unless permitted by the Engineer.

Basis of Payment. This work will be paid for at the contract unit price per pound of residual asphalt for BITUMINOUS MATERIALS (TACK COAT).

PAY ITEM #19 – PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT

Description. This work shall consist of constructing portland cement concrete driveway pavement on a prepared subgrade. This work shall be in accordance with Section 351 and Section 423 of the Standard Specifications and the detail on the Plans, except as modified herein.

Driveway installation shall include Portland Cement Concrete installed to a minimum thickness of 6 in. for residential driveways and 8" for commercial driveways.

Portland cement concrete driveway pavement shall be constructed on a prepared base of mechanically compacted crushed aggregate of CA-6 gradation having a minimum compacted thickness of 4 in. for residential driveways and a minimum compacted thickness of 6 in. for commercial driveways.

Aggregate base course will not be paid for separately , but shall be included in the cost of PORTLAND CEMENT DRIVEWAY PAVEMENT.

Method of Measurement. Portland cement concrete driveway pavement will be measured for payment in place and the area computed in square yards.

Basis of Payment. This work will be paid for at the contract unit price per square yard for PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, of the thickness specified.

PAY ITEM #20 – PORTLAND CEMENT CONCRETE SIDEWALK

Description. This work shall consist of placing Portland Cement Concrete Sidewalk 5". This work shall be in accordance with Section 424 of the Standard Specifications, and the detail on the Plans, except as modified herein:

The sidewalk is to be placed on mechanically compacted Aggregate Base Course, Type B, 4".

Aggregate Base Course, Type B, 4" will not be paid for separately, but shall be included in the cost of PORTLAND CEMENT CONCRETE SIDEWALK 5"

The sidewalk is to be thickened to 6 inches at locations where the sidewalk crosses driveways. The 6 inch thick sidewalk through driveways will not be paid for separately, but shall be included in the cost of PORTLAND CEMENT CONCRETE SIDEWALK 5"

Method of Measurement. This work shall be measured for payment in place and the area computed in square foot.

Basis of Payment. This work will be paid for at the contract unit price per square foot for PORTLAND CEMENT CONCRETE SIDEWALK 5"

PAY ITEM #21 – DETECTABLE WARNINGS

Description. This work shall consist of installing detectable warnings. This work shall be in accordance with Section 424 of the Standard Specifications, except as modified herein.

Detectable warnings shall be installed at curb ramps and other locations where pedestrians are required to cross a hazardous vehicular way. Detectable warnings shall also be installed at alleys and commercial entrances where permanent traffic control devices are present.

Materials. Detectable warnings shall be pre-cast tiles. Installation shall be cast-in-place. Surface mounted applications will not be permitted. Detectable warnings shall be red in color. Detectable warning tiles shall be either rectangular or radial in shape as shown on the plans or as directed by the Engineer. The product or products to be used for detectable warnings shall be approved by the Engineer prior to use.

Construction. Installation shall be according to the manufacturer's specifications and as directed by the Engineer.

Where a curb ramp is 5 ft. in width or less and a rectangular detectable warning tile is to be used, the installation shall consist of a single detectable warning tile. If a pre-cast detectable warning tile is not manufactured in the width of the curb ramp, a larger detectable warning tile shall be furnished and shall be cut to the width of the curb ramp.

Installation of multiple detectable warning tiles at a single curb ramp will only be permitted where a curb ramp exceeds 5 ft. in width or where radial detectable warning tiles are to be used. Where multiple detectible warning tiles are permitted at a single curb ramp, they shall be mechanically joined prior to installation.

Method of Measurement. Detectable warnings will be measured for payment in place and the area computed in square feet.

Basis of Payment. This work will be paid for at the contract unit price per square foot for DETECTABLE WARNINGS.

PAY ITEM #22 – PAVEMENT REMOVAL

Description. This work shall consist of the removal and disposal of existing pavement, including all necessary excavation as shown on the plans or as directed by the Engineer. This work shall be completed in accordance with Sections 202 and 440 of the Standard Specifications, except as modified herein.

Pavement removal shall include the removal of the existing pavement . Any excavation of existing aggregate base beneath the existing pavement required to install the proposed pavement section shall be measured and paid for as EARTH EXCAVATION.

Method of Measurement. Pavement removal will be measured for payment in place and the area computed in square yards.

Basis of Payment. This work will be paid for at the contract unit price per square yard for PAVEMENT REMOVAL.

PAY ITEM #23 – DRIVEWAY PAVEMENT REMOVAL

Description. This work shall consist of removing driveway pavement. This work shall be in accordance with Section 440 of the Standard Specifications, except as modified herein:

Revise Section 440.07 (c) to read:

This work shall include all pavement removal and excavation required to reach the subgrade. The excavation depth shall include the excavation for the proposed aggregate base which is included in the cost of this item. The minimum excavation depth for residential driveways is 10 inches and for commercial driveways is 14 inches.

Method of Measurement. This work shall be measured for payment in place and the area computed in square yards.

Basis of Payment. This work will be paid for at the contract unit price per square yard for DRIVEWAY PAVEMENT REMOVAL.

PAY ITEM #25 – SIDEWALK REMOVAL

Description. This work shall consist of the removal and disposal of existing sidewalk at location shown on the plans or directed by the Engineer. This work shall be in accordance with Sections 202 and 440 of the Standard Specifications, except as modified herein.

Excavation will not be paid for separately but shall be included in the cost of this item. The Contractor shall excavate all material necessary to meet the lines and grades shown on the plans and as directed by the Engineer.

The Contractor shall remove sidewalk to the next existing joint beyond the location specified on the plans.

Method of Measurement. Sidewalk removal will be measured for payment in place and the area computed in square feet.

Basis of Payment. This work will be paid for at the contract unit price per square foot for SIDEWALK REMOVAL.

PAY ITEM #32-33 – DUCTILE IRON WATER MAIN

Description. This work shall consist of the installation of ductile iron water main which shall be constructed in accordance with Section 561, Section 562, and Section 563 of the Standard Specifications, the Water and Sewer Specifications and all applicable Village standards and details, except as modified herein.

Materials. Water main pipe shall be ductile iron pipe conforming to ANSI/AWWA C151/A21.51, Class 52 standard thickness, with gasketed bell and spigot type push-on joints conforming to ANSI/AWWA C111/A21.11, of the diameter specified. Pipe shall have an interior cement mortar lining conforming to AWWA C104.

Water main fittings shall be ductile iron conforming to ANSI/AWWA C110/A21.10 and ANSI/AWWA C153/A21.53. Fittings shall have a cement mortar lining and tar coating conforming to ANSI/AWWA C104/A21.4. Fittings shall have a minimum rated working pressure of 150 psi. Fittings shall have mechanical joint end connections unless otherwise specified. Fittings shall include crosses, tees, bends, reducers, caps, and all other fittings as may be necessary.

Mechanical joint restraints shall be EBAA Iron, Inc., MEGALUG Mechanical Joint Restraints for Ductile Iron Pipe, or approved equal.

Tie rods shall be stainless steel threaded rods ¾ in. diameter.

All bolts, tie rods, nuts, washers, and other hardware and fasteners to be installed below grade shall be stainless steel. Bolts and tie rods shall be Type 304 stainless steel. Nuts and washers shall be Type 300 stainless steel.

Construction. Water main shall be constructed such that the minimum depth of cover of the water main from existing finished grade and proposed finished grade to the crown of the pipe shall be a minimum of 5.5 ft.

Where construction of water main at a minimum depth of cover of 5.5 ft will result in a conflict with an existing or proposed utility, the minimum depth of cover of the water main shall be increased so as to avoid such conflict and to provide a minimum vertical separation of 18 in. between the water main and the existing or proposed utility.

Water main shall be placed on a bedding of crushed aggregate of CA-7 or CA-11 gradation having a minimum thickness of 4 in. The bedding shall be placed to a minimum of 12 in. above the water main.

Thrust blocking of all fittings shall be in accordance with Article 41-2.08 of the Water and Sewer Specifications and the details in the plans.

Where there is a change in the vertical alignment of the water main, a minimum of two tie rods shall be installed between the mechanical joint restraint of the fitting at the bottom of the alignment change and the mechanical joint restraint of the fitting at the top of the alignment change.

Excavation and bedding will not be paid for separately but shall be included in the cost of this work.

Pressure Test. After the pipe has been laid and partially backfilled as specified herein, all newly-laid pipe, valved sections, and fire hydrants, unless otherwise expressly specified, shall undergo hydrostatic pressure testing.

The Contractor shall notify the Engineer and Owner a minimum of forty-eight hours prior to the beginning of testing. Pipe segments to be tested shall be subjected to a minimum pressure of 150 psi at the lowest elevation of the pipe section for a duration of not less than two hours. Water main testing shall be in accordance with the applicable portions of AWWA Standards C600 and C603, or as otherwise modified herein.

The water main shall be tested in segments to minimize water service disruption. The length of test segments shall be determined by the Engineer.

Valves will be turned on only under the supervision of the Village, and the Village will witness all pressure testing.

Each section of pipe to be tested, as determined by the Engineer, shall be slowly filled with water and the specified test pressure shall be applied by means of a pump connected to the pipe in a satisfactory manner. The pump pipe connection and all necessary apparatus, including gauges and meters, shall be furnished by the Contractor. Before applying the specified test pressure, all air shall be expelled from the pipe. To accomplish this, taps shall be made, if necessary, at points of highest elevations and afterwards tightly plugged. Any cracked or defective pipes, fittings, valves, or hydrants discovered in consequence of this pressure test shall be removed and replaced by the Contractor with sound material, and test shall be repeated until satisfactory to the Engineer and the Village. The provisions of AWWA C600 and C603, where applicable, shall apply.

The pressure testing shall be accomplished with fire hydrant auxiliary valves open.

Leakage Test. A leakage test will not be performed.

Disinfection. Disinfection of water mains shall be completed in accordance with Section 41-2.15 of the Water and Sewer Specifications except as modified in this Special Provisions.

Newly installed water main segments less than 40 feet in length shall be disinfected in accordance with Section 41-2.15C(3) of the Water and Sewer Specifications. All other water main segments shall be disinfected as specified herein.

The Owner shall be notified at least twenty-four hours before the disinfection procedure. Representatives of the Village Public Works Department must be present during the procedure.

Flushing. Sections of pipe to be disinfected shall first be flushed to remove any solids or contaminated material that may have become lodged in the pipe. If no hydrant is installed at the end of the main, then a tap should be provided large enough to develop a velocity of at least two and five-tenths (2.5) feet per second in the main. One two and one-half (2 ½) inch hydrant opening will, under normal pressure, provide this velocity in pipe sized up to and including twelve (12) inches.

All taps required for chlorination or flushing purposes, or for temporary or permanent release of air, shall be provided for by the Contractor as part of the construction of water mains.

Requirement of Chlorine. A free chlorine residual of at least 50 ppm and no more than 400 ppm must be reached throughout the entire length and branch lines of the water main. After the super-chlorinated water has sat in the main for twenty-four hours, a chlorine residual test shall be taken to insure the residual has not dropped by over one-half.

Form of Applied Chlorine. Chlorine shall be applied by the method which follows, subject to review of the Engineer.

Chlorination shall be made by the use of chlorine gas only. The dry gas shall be feddirectly through proper devices for regulating the rate of flow and providing effective diffusion of the gas into the water within the pipe being treated. Chlorinating devices for feeding the chlorine gas must provide means for preventing the backflow of water into the chlorine. The chlorine gas shall be injected into the main at intervals of no more than 1,000 feet.

Point of Application. The preferred point of application of the chlorine gas is at the beginning of the pipe line extension or any valved section of it, and through a corporation stop inserted in the pipe. The water injector for delivering the chlorine-bearing water into the pipe should be supplied from a tap made on the pressure side of the gate valve controlling the flow into the pipe line extensions. Alternat points of application may be used subject to the review of the Engineer.

Preventing Reverse Flow. Valves shall be manipulated so that the strong chlorine solution in the line being treated will not flow back into the line supplying the water. Check valves may be used if desired.

Retention Period. Treated water shall be retained in the pipe at least twenty-four (24) hours. After this period, the chlorine residual at pipe extremities and at other representative points shall be at least twenty-five (25) mg/l.

Chlorinating Valves and Hydrants. In the process of chlorinating newly laid pipe, all valves or other appurtenances shall be operated while the pipe line is filled with the chlorinating agent and under normal operating pressure.

Final Flushing and Testing. Following chlorination, all treated water shall be thoroughly flushed from the newly laid pipe at its extremity until the replacement water throughout its entire length shows, upon test, a chlorine residual of less than one (1) mg/l. In the event chlorine is normally used in the source of supply, then the test shall show a residual of not in excess of that carried in the system.

Chlorinated water to be flushed into the combined sewer, not the storm sewer.

Contractor to notify the Village prior to discharging chlorinated water to the combined sewer.

Sampling. At this time a water sample will be taken by the Contractor of their representative and sent to a state-certified water lab of their choice. Also, at this time the Village will witness the sampling. The Contractor shall take two (2) samples, 24 hours apart with satisfactory results or the procedure shall be repeated.

Repetition of Flushing and Testing. Should the initial treatment result in an unsatisfactory bacterial test, the original chlorination procedure shall be repeated by the Contractor until satisfactory results are obtained. After water main passes chlorination testing, the corporation stop used to chlorinate the main shall be shut off and any piping removed.

Method of Measurement. This work will be measured for payment in place in feet, regardless of the depth of the water main. The length measured will include all water main pipe, pipe fittings, joint materials, restraint devices and thrust blocks, hydrostatic pressure tests, leakage tests, disinfecting of the water main, excavation, bedding and backfill.

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

Pavement removal and replacement and other surface restoration items as shown on the plans will be paid for separately.

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

PAY ITEM #34 – WATER VALVES

Description. This work shall consist of constructing water valves. This work shall be in accordance with applicable portions of Section 561 of the Standard Specifications and with the Water and Sewer Specifications, except as modified herein.

Materials. Water valves shall be AMERICAN Flow Control Series 2500 Ductile Iron Resilient Wedge Gate Valves conforming to ANSI/AWWA C515, with mechanical joint end connections, of the diameter specified, or approved equal. All exterior valve body bolting shall be Type 304 stainless steel.

Water main pipe shall be ductile iron pipe conforming to ANSI/AWWA C151/A21.51, Class 52 standard thickness, with push-on joints conforming to AWWA C111.

Water main couplings shall be Krausz Hymax Grip coupling restraints of the diameter required, or approved equal.

Mechanical joint restraints shall be EBAA Iron, Inc., MEGALUG Mechanical Joint Restraints for Ductile Iron Pipe, or approved equal.

Tie rods shall be stainless steel threaded rods ¾ in. diameter.

All bolts, tie rods, nuts, washers, and other hardware and fasteners to be installed below grade shall be stainless steel. Bolts and tie rods shall be Type 304 stainless steel. Nuts and washers shall be Type 300 stainless steel.

Valve vaults shall be precast reinforced concrete with a minimum diameter of 4 ft. for valves 8 in. diameter or less and with a minimum diameter of 5 ft. for valves 10 in. diameter or more. The cone section of the valve vault shall have a concentric opening. The openings in the valve vault shall be fitted with rubber pipe boots.

Construction. Water valves shall be installed in a precast reinforced concrete valve vault unless otherwise specified. The valve shall be placed on a solid concrete block resting on the bottom of the valve vault. The valve shall be placed so that the operating nut is centered under the opening of the valve vault.

Where a new water valve is to be installed on an existing water main, the existing water main shall be cut by an approved method and a section of existing water main of sufficient length shall be removed. The valve shall be joined on both ends to sections of new water main pipe of the proper length with mechanical joint restraints. The valve and pipe assembly shall be positioned in place between the two cut ends of the existing water main and the ends of the existing water main shall be joined to the valve assembly with water main couplings of the proper size. The labor, equipment and materials which are necessary to construct a new water valve on an existing water main will not be paid for separately but shall be included in the cost of this work.

Where an existing water valve is to be removed and replaced with a new water valve in substantially the same location, removal of the existing water valve will not be paid for separately but shall be included in the cost of this work.

Excavation, bedding, and backfilling will not be paid for separately but shall be included in the cost of this work.

Basis of Payment. This work will be paid for at the contract unit price per each for WATER VALVES, of the diameter specified.

PAY ITEM #35 – ADJUSTING WATER MAIN

Description. This work shall consist of adjusting existing water main in direct conflict with utilities proposed to be constructed under this contract and shall be performed in accordance with Section 561 of the Standard Specifications, the Water and Sewer Specifications and applicable Village standards and details.

This work will only be paid for if the water main is in direct conflict with the proposed utility and approved by the Engineer. This work shall include all materials and labor required to replace the existing water main including necessary cut-in connections.

Materials. Water main pipe shall be ductile iron conforming to ANSI/AWWA C151/A21.51, Class 52 standard thickness. Pipe shall have an interior cement mortar lining conforming to AWWA C104. Fittings shall be ductile iron conforming to ANSI/AWWA C110/A21.10 and ANSI/AWWA C153/A21.53. All fittings shall be installed with stainless steel bolts only.

Mechanical joint restraints shall be EBAA Iron, Inc., MEGALUG Mechanical Joint Restraints for Ductile Iron Pipe, or approved equal. Couplings for connecting new water main to existing water main shall be Krausz Hymax Grip coupling restraints of the diameter required or approved equal.

Thrust blocking of all fittings shall be in accordance with Article 41-2.08 of the Water and Sewer Specifications and the details in the plans.

Construction Requirements. Installation requirements shall be in accordance with Section 561 of the Standard Specifications, the Water and Sewer Specifications and applicable Village standards and details.

Abandonment and/or removal of existing water main shall be completed as necessary and included in the cost of ADJUSTING WATER MAIN.

Where adjustment of the water main above the utility in conflict will result in the water main being less than 5.5 ft. below finished grade, the water main shall be adjusted below

the utility in conflict. If the water main is to be adjusted below the utility in conflict, adjustment of the water main shall be completed before the utility in conflict is constructed across the water main. If the water main is to be adjusted above the utility in conflict, adjustment of the water main may be completed either before or after the utility in conflict is constructed across the water main.

All materials shall be on hand before water main cut-in connection is undertaken to ensure that a minimum amount of time is necessary to complete the work required on the plans. Only Village personnel will be in charge of closing system valves, but the Contractor shall lend any assistance necessary to expedite the shutdown. In addition, the Contractor shall distribute notices of any water service interruptions to residents as directed by the Engineer.

Once water service has been shut down by the Village, the Contractor shall cut the existing water main by an approved method and remove or abandon pipe as necessary to accommodate connection to the new main. The Contractor shall then complete the water main connection and remove or abandon and plug/cap and block the existing water main as shown on the plans.

The Contractor shall be required to furnish any and all pipe fittings, required jointing materials and all work necessary to complete the connection as specified. This includes but is not limited to any necessary plugs, blocks, corporation stops, sleeves, mechanical joints, reducers and water main pipe. All fittings and pipe that are installed under this item shall be placed on a bedding in accordance with the details in the plans.

Excavation and bedding will not be paid for separately but shall be included in the cost of this work.

Basis of Payment. This work will be paid for at the contract unit price per foot for ADJUSTING WATER MAIN, of the diameter specified.

PAY ITEM #37 – FIRE HYDRANTS TO BE REMOVED

Description. This work shall consist of removing existing fire hydrants in locations where new fire hydrants are not to be installed. This work shall be in accordance with Section 564 of the Standard Specifications and with the Standard Specifications for Water and Sewer Construction in Illinois, except as modified herein.

Where an existing fire hydrant is to be removed and replaced with a new fire hydrant in substantially the same location, removal of the existing fire hydrant will not be paid for separately but shall be included in the cost of the fire hydrant installation.

Materials. Water main pipe shall be ductile iron pipe conforming to ANSI/AWWA C151/A21.51, Class 52 standard thickness.

Water main couplings shall be Krausz Hymax Grip coupling restraints of the diameter required, or approved equal.

All bolts, tie rods, nuts, washers, and other hardware and fasteners to be installed below grade shall be stainless steel. Bolts and tie rods shall be Type 304 stainless steel. Nuts and washers shall be Type 300 stainless steel.

Construction. The existing fire hydrant, auxiliary valve, valve box, hydrant lead, tee, and a portion of the adjoining water main shall be excavated and exposed. The existing water main shall be cut on both sides of the tee by an approved method and a section of existing water main shall be removed along with the tee, hydrant lead, valve box, auxiliary valve, and fire hydrant. A section of new water main pipe of appropriate diameter and of the proper length shall be positioned in place between the two cut ends of the existing water main and the ends of the existing water main shall be joined to the new section of water main pipe with water main couplings of the proper size.

The excavation shall be backfilled with crushed aggregate of CA-6 gradation and mechanically compacted in lifts not exceeding 12 in.

Excavation and backfilling will not be paid for separately, but shall be included in the cost of this work.

Fire hydrants which are removed and are selected by the Engineer to be salvaged shall remain the property of the Village and shall be delivered by the Contractor to the Village of Villa Park Public Works Department yard located at 51 South Ardmore Avenue in Villa Park. Delivery shall be made during the normal working hours of the Village of Villa Park Public Works Department and the Contractor shall coordinate the day, time, and other details of delivery with the Village. Fire hydrants which are not selected by the Engineer to be salvaged shall become the property of the Contractor and shall be removed from the site by the end of the workday and properly disposed of by the Contractor. The delivery or disposal of fire hydrants will not be paid for separately but shall be included in the cost of this work.

Basis of Payment. This work will be paid for at the contract unit price per each for FIRE HYDRANTS TO BE REMOVED.

PAY ITEM #38 – FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX

Description. This work shall consist of constructing fire hydrants with auxiliary valves and valve boxes. This work shall be in accordance with Section 564 of the Standard Specifications and with the Standard Specifications for Water and Sewer Construction in Illinois, except as modified herein.

Materials. Fire hydrants shall be AMERICAN Flow Control 5-¼" Waterous Pacer Traffic Model WB67-250 Fire Hydrant, conforming to ANSI/AWWA C502, with all stainless steel trim, above-ground breakable flanges, and auxiliary resilient wedge gate valve and valve box. Fire hydrants shall be fitted with DDP-arrangement nozzle sections with one 4-½ in. pumper nozzle and two 2-½ in. hose nozzles with National Standard threads and a National Standard operating nut.

Fire hydrants shall be factory painted red, prime coated with an epoxy, and finish coated with a two-part polyurethane top coat. Fire hydrants that are not factory painted red will be considered unacceptable and will be rejected.

Fire hydrants shall be furnished with bury depths that will allow the hydrants to be constructed with their ground rings positioned within ¼ in. of finished grade.

Where fire hydrants are to be constructed on existing water mains, Contractor may elect to construct trenches on the existing water main at the locations of proposed fire hydrants to investigate the depth of the existing water main and to determine the bury depths that will be required for the new hydrants prior to furnishing them. Such trenches shall be in accordance with, measured, and paid for as EXPLORATION TRENCH, SPECIAL.

Auxiliary valves shall be AMERICAN Flow Control Series 2500 Ductile Iron 250 psig AWWA Resilient Wedge Gate Valves conforming to ANSI/AWWA C515, with flanged x mechanical joint end connections, 6 in. diameter. All exterior valve body bolting shall be Type 304 stainless steel.

Valve boxes shall have a cover embossed with the word "WATER".

Valve box adaptors shall be Adaptor, Inc., Valve Box Adaptor II (VBA-II), or approved equal.

Valve box stabilizer grips shall be by BLR Enterprises, Inc., or approved equal.

Hydrant lead pipe shall be ductile iron pipe conforming to ANSI/AWWA C151/A21.51, Class 52 standard thickness, with push-on joints conforming to AWWA C111, 6 in. diameter.

Water main couplings shall be Krausz Hymax Grip coupling restraints of the diameter required, or approved equal.

Mechanical joint restraints shall be EBAA Iron, Inc., MEGALUG Mechanical Joint Restraints for Ductile Iron Pipe, or approved equal.

Tie rods shall be stainless steel threaded rods ¾ in. diameter.

All bolts, tie rods, nuts, washers, and other hardware and fasteners to be installed below grade shall be stainless steel. Bolts and tie rods shall be Type 304 stainless steel. Nuts and washers shall be Type 300 stainless steel.

Fire hydrant barrel extensions, if permitted, shall be AMERICAN Flow Control Waterous Series and shall be a maximum of 18 in.

Fire hydrant bags shall be polypropylene with a minimum thickness of 4 mils and orange in color with bold black print reading "NOT IN SERVICE". Bags shall include tie straps to firmly secure the bags to hydrants.

Construction. Where an existing fire hydrant is to be removed and replaced with a new fire hydrant with auxiliary valve and valve box in substantially the same location, the existing fire hydrant, auxiliary valve, valve box, hydrant lead pipe, and tee shall be excavated and exposed. The existing hydrant lead pipe shall be disconnected from the existing tee and the existing fire hydrant, auxiliary valve, valve box, and hydrant lead pipe shall be removed. Removal of the existing fire hydrant and related components will not be paid for separately but shall be included in the cost of this work.

If the Engineer determines the existing hydrant tee and adjoining connections are in satisfactory condition, then the existing tee shall be reused, except that all the hardware on the existing tee shall be replaced. If the Engineer determines the existing hydrant tee is in unsatisfactory condition, then the existing tee shall be removed and replaced and this work will be performed, measured, and paid for as CONNECTION TO EXISTING WATER MAIN.

The fire hydrant shall be installed so that the standpipe is plumb. The center of the lowest nozzle shall be placed at least 18 in. but not more than 24 in. above finished grade. The breakable flanges shall be positioned 2 in. above finished grade. The nearest part of the hydrant shall be at least 3 ft. but not more than 8 ft. behind the back of curb. The nearest part of the hydrant shall be at least 3 ft. from all paved surfaces. Where hydrants are to be installed adjacent to a roadway they shall be placed so that the pumper nozzle faces the roadway and is perpendicular to the direction of travel of the roadway. Where hydrants are not to be installed adjacent to a roadway they shall be placed according to the plans or as directed by the Engineer.

Fire hydrants and auxiliary valves shall be set on a firm foundation of precast concrete blocks and shall be thrust blocked. Additional precast concrete bricks shall be placed under the auxiliary valve as needed. Thrust blocking shall consist of Class SI concrete cast in place against the fittings and the undisturbed earth on any side or sides of the excavation where thrust is expected to occur. A minimum of ¼ cu. yd. of concrete shall be used for the thrust blocking. The dimensions of the thrust blocking shall be determined by the Engineer. Thrust blocking may also consist of the placement of precast concrete blocks at the discretion of the Engineer. Additional precast concrete blocks shall be placed on the bottom, back and sides of the hydrant as directed by the Engineer to hold

the hydrant solid and vertical. All blocks, bricks and thrust blocking shall be placed such that the pipe, joints, and fittings shall be accessible for future repair and so that the hydrant drain holes are not blocked.

Mechanical joint restraints shall be installed on all mechanical fittings. A minimum of two tie rods shall be installed between the fire hydrant barrel and the tee fitting on the water main. Valve box adaptors shall be installed. Valve box stabilizer grips shall be installed. Barrel extensions will only be permitted at the discretion of the Engineer.

Fire hydrants shall be braced and covered during backfilling. The area around the base of the hydrant shall be backfilled with a minimum of 1 cu. yd. of crushed aggregate of CA-1 gradation. The CA-1 aggregate shall be covered with polyethylene sheeting prior to further backfilling. Backfill material shall be placed in lifts not exceeding 6 in. in thickness, loose measurement, and compacted in a manner approved by the Engineer.

Fire hydrants which are damaged during backfilling or which paint coat is damaged or chipped during backfilling due to lack of covering or lack of adequate covering shall have their heads replaced by Contractor at no cost to Owner.

Fire hydrants not in service shall be covered with fire hydrant bags until the fire hydrants are in service.

Excavation, bedding, and backfilling of fire hydrants will not be paid for separately but shall be included in the cost of this work.

Method of Measurement. This work will be measured for payment as each fire hydrant with auxiliary valve and valve box installed. No separate measurement will be made of pipe, fittings, hardware, or any other components.

Basis of Payment. This work will be paid for at the contract unit price per each for FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX.

PAY ITEM #39 & 92 – CATCH BASIN

Description. This work shall consist of constructing catch basins at locations shown on the plans in accordance with Section 602 of the Standard Specifications, the details on the plan and as specified herein.

Materials. The materials shall meet the requirements of Article 602.02 of the Standard Specifications.

Construction. Structures shall be constructed in accordance with the Construction Details and Section 602 of the Standard Specifications.

The Contractor is responsible for tying in all existing storm sewers to the proposed structure. Up to 5 feet of new sewer (if required) for each existing sewer tying into the proposed structure shall be considered included in the cost of this item. Connections to existing storm sewers should be made using non-shear mission couplings. The Contractor shall be responsible for verifying the size, inverts and locations of the existing sewers to be connected to the proposed structure. Any existing storm sewers that are damaged during construction shall be replaced in kind by the Contractor at no cost to the Village. The pipe, couplings, and trench back fill shall be included in the cost of the structure and will not be paid for separately.

When a proposed catch basin is to be installed at the location of an existing drainage structure, the removal of the existing structure shall be included in this item.

Removing existing drainage structures shall consist of the removal and disposal of existing catch basins and inlets in accordance with Section 604 of the Standard Specifications.

Frames, grates and lids or other castings will be paid for separately.

Method of Measurement. This work will be measured for payment as each individual structure complete installed.

Basis of Payment. This work will be paid for at the contract unit price per each for CATCH BASIN, type specified.

PAY ITEM #40-42 & 101 – MANHOLE, TYPE A,

Description. This work shall consist of constructing manholes at locations shown on the plans in accordance with Section 602 of the Standard Specifications, the details on the plan and as specified herein.

Materials. The materials shall meet the requirements of Article 602.02 of the Standard Specifications.

Construction. Structures shall be constructed in accordance with the Construction Details and Section 602 of the Standard Specifications.

The Contractor is responsible for tying in all existing storm sewers to the proposed structure. Up to 5 feet of new sewer (if required) for each existing sewer tying into the proposed structure shall be considered included in the cost of this item. Connections to existing storm sewers should be made using non-shear mission couplings. The Contractor shall be responsible for verifying the size, inverts and locations of the existing sewers to be connected to the proposed structure. Any existing storm sewers that are damaged during construction shall be replaced in kind by the Contractor at no cost to the

Village. The pipe, couplings, and trench back fill shall be included in the cost of the structure and will not be paid for separately.

When a proposed manhole is to be installed at the location of an existing drainage structure, the removal of the existing structure shall be included in this item.

Removing existing drainage structures shall consist of the removal and disposal of existing catch basins and inlets in accordance with Section 604 of the Standard Specifications.

Frames, grates and lids or other castings will be paid for separately.

Method of Measurement. This work will be measured for payment as each individual structure complete installed.

Basis of Payment. This work will be paid for at the contract unit price per each for MANHOLE, TYPE A, A.

PAY ITEM #43 – INLET

Description. This work shall consist of constructing inlets at locations shown on the plans in accordance with Section 602 of the Standard Specifications, the details on the plan and as specified herein.

Materials. The materials shall meet the requirements of Article 602.02 of the Standard Specifications.

Construction. Structures shall be constructed in accordance with the Construction Details and Section 602 of the Standard Specifications.

The Contractor is responsible for tying in all existing storm sewers to the proposed structure. Up to 5 feet of new sewer (if required) for each existing sewer tying into the proposed structure shall be considered included in the cost of this item. Connections to existing storm sewers should be made using non-shear mission couplings. The Contractor shall be responsible for verifying the size, inverts and locations of the existing sewers to be connected to the proposed structure. Any existing storm sewers that are damaged during construction shall be replaced in kind by the Contractor at no cost to the Village. The pipe, couplings, and trench back fill shall be included in the cost of the structure and will not be paid for separately.

When a proposed inlet is to be installed at the location of an existing drainage structure, the removal of the existing structure shall be included in this item.

Removing existing drainage structures shall consist of the removal and disposal of existing catch basins and inlets in accordance with Section 604 of the Standard Specifications.

Frames, grates and lids or other castings will be paid for separately.

Method of Measurement. This work will be measured for payment as each individual structure complete installed.

Basis of Payment. This work will be paid for at the contract unit price per each for INLET, type specified.

PAY ITEM #49 – FRAMES AND GRATES, TYPE 11

Description. This work shall meet the requirements prescribed in General Special Provisions section, FRAMES, GRATES AND LIDS, shall be according to Section 602 and 604 of the Standard Specifications, the details in the plans and the following:

This item includes the replacement of frames and grates on existing structures to be adjusted or reconstructed at locations shown on the plans or as directed by the Engineer.

Type 11 frames and grates located in barrier curb and gutter shall be Neenah R-3281-A with curb box or approved equal.

Type 11 frames and grates located in depressed curb and gutter shall be Neenah R-3281-A with depressed curb grate or approved equal.

Frames and grates located within curb ramps or crosswalks shall be substituted with ADA compliant castings.

Enviro-curb logos on curb boxes for Type 11 frames and grates shall have the words "DUMP NO WASTE" and "DRAINS TO RIVER" or "DRAINS TO WATERWAY" cast into the top of all curb boxes.

Basis of Payment. This work will be paid for at the contract unit price per each for FRAMES AND GRATES, TYPE 11 as specified.

PAY ITEM #50-51 – FRAMES AND LIDS, TYPE 1

Description. This work shall meet the requirements prescribed in General Special Provisions section, FRAMES, GRATES AND LIDS, shall be according to Section 602 and 604 of the Standard Specifications, the details in the plans and the following:

This item includes the replacement of frames and lids on existing structures to be adjusted or reconstructed at locations shown on the plans or as directed by the Engineer.

Type 1 frames and closed lids shall be Neenah R-1713 self-sealing or approved equal.

Type 1 frames and open lids shall be Neenah R-1713 or approved equal.

Frames and lids located within curb ramps or crosswalks shall be substituted with ADA compliant castings.

All closed lid castings shall be self-sealing, gasketed, watertight, and shall have machined bearing surfaces and concealed pick holes. The top surface of all closed lids shall be embossed with the words "VILLAGE OF VILLA PARK".

The top surface of closed lids shall also be embossed with the word "SANITARY", "STORM", or "WATER" as appropriate.

Basis of Payment. This work will be paid for at the contract unit price per each for FRAMES AND LIDS, TYPE 1 as specified.

PAY ITEM #54 – COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

Description. This work shall consist of constructing combination concrete curb and gutter as shown on the plans or as directed by the Engineer. This work shall be in accordance with Section 606 of the Standard Specifications, except as modified herein.

Excavation will not be paid for separately but shall be included in the cost of this item.

Combination concrete curb and gutter shall be constructed on a prepared base of mechanically compacted crushed aggregate of CA-6 gradation having a minimum compacted thickness of 4 in.

Wood forms shall be used. Forms constructed of steel or Masonite will not be permitted. Forms for radius sections of the combination concrete curb and gutter shall be constructed of 1 in. thick wood boards.

The height of the curb head may vary as shown on the plans or as directed by the Engineer. Variations in the height of the curb head will not be paid for separately but shall be included in the cost of this item.

Where combination concrete curb and gutter is constructed across driveways, alleys, sidewalk curb ramps, or other designated areas, the top of the curb shall be depressed according to the details shown on the plans or as directed by the Engineer. The transition

from full height curb to depressed curb shall be made over a distance equal to at least four times the difference in height between the full height curb and the depressed curb.

Where combination concrete curb and gutter is constructed across sidewalk curb ramps, the depressed curb shall be in compliance with all applicable requirements of the Americans with Disabilities Act (ADA) and the Proposed Guidelines for Accessible Rights-of-Way (PROWAG).

Where combination concrete curb and gutter is to be constructed adjacent to existing pavement that is not being reconstructed, the void between the existing pavement and the proposed combination concrete curb and gutter shall be filled in with a concrete wedge with a minimum width of 6 in. and a minimum thickness of 8 in. The concrete wedge shall be placed after the combination concrete curb and gutter has been placed and the forms have been removed. The placement of the concrete wedge will not be paid for separately but shall be included in the cost of this item.

Where combination concrete curb and gutter is to be constructed adjacent to proposed sidewalk to be constructed, the combination concrete curb and gutter shall be constructed first and shall be constructed with an integral poured ledge. The ledge shall extend horizontally a minimum of 3 in. from the back of the curb head of the combination concrete curb and gutter. The ledge shall be positioned so that the vertical distance from the top of the ledge to the top of the curb head is equal to the thickness of the proposed sidewalk. The ledge shall extend vertically to the bottom edge of the combination concrete curb and gutter. The construction of the integral poured ledge will not be paid for separately but shall be included in the cost of this item.

Expansion joints shall be constructed at 60 ft. maximum centers. Expansion joints shall also be constructed at all construction joints, all points of curvature, all points of tangency, within 5 ft. on either side of all curb structure castings, and at additional locations as directed by the Engineer. Expansion joints shall consist of a 1 in. thick preformed bituminous expansion joint filler that extends the full cross section of the combination concrete curb and gutter. Expansion joint filler material that is larger than the cross section of the combination concrete curb and gutter shall be cut to the exact cross section of the combination concrete curb and gutter. Expansion joints shall have two 18 in. long, No. 6 non-deformed epoxy-coated steel dowel bars placed at mid-depth. The dowel bars shall have a greased plastic expansion cap placed on one end of each dowel bar a minimum of 1 in. from the end of the dowel bar.

Where proposed combination concrete curb and gutter is to be constructed abutting existing combination concrete curb and gutter, the dowel bars shall be drilled into the existing combination concrete curb and gutter. This work will not be paid for separately but shall be included in the cost of this item.

Contraction joints shall be constructed at 15 ft. maximum centers. Where the location of a contraction joint coincides with the location of an expansion joint, the contraction joint

may be omitted at the discretion of the Engineer. Contraction joints shall be tooled and sawed. Sawing of contraction joints shall commence as soon as the concrete has hardened sufficiently to permit sawing without excessive raveling, but in no case shall sawing commence less than 4 hours or more than 24 hours after the concrete is placed. Sawing of contraction joints shall be to a depth equal to 1/3 the thickness of the gutter flag and to a width of not less than 1/8 in. Contraction joints shall be sealed according to Article 420.12, except that joints shall be sealed with polysulfide or polyurethane joint sealant.

If Contractor fails to construct joints in accordance with the requirements of this provision and the curb cracks, the Contractor shall remove and replace the affected section of combination concrete curb and gutter extending the full length between the two adjacent joints on either side of the crack. This work will not be paid for but shall be at the Contractor's expense.

Upon removal of the forms from the back of the combination concrete curb and gutter, excavated areas behind the combination concrete curb and gutter shall be immediately backfilled. Areas where pavement or sidewalks are to be constructed shall be backfilled with crushed aggregate of CA-6 or CA-7 gradation and mechanically compacted. Areas where topsoil and sodding are to be placed shall be backfilled with non-organic material acceptable to the Engineer. This work will not be paid for separately but will be included in the cost of this item.

Basis of Payment. This work will be paid for at the contract unit price per foot for COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12.

PAY ITEM #73 – EXPLORATION TRENCH, SPECIAL

Description. This work shall consist of constructing a trench for the purpose of locating and inspecting an existing utility or utilities. This work shall be in accordance with Section 213 of the Standard Specifications, except as modified herein.

The exploration trench may be used to locate any existing utility or utilities, including, but not limited to, water mains, water services, sewer mains, sewer services, field tiles, gas lines, underground electric lines, underground telephone lines, underground cable TV lines, underground communication lines, underground fiber optic lines, and other utilities as applicable.

The exploration trench may be used to locate existing utilities regardless of whether the utilities are public or private; known or unknown; or marked or unmarked. The exploration trench may also be used to inspect the condition of existing utilities, determine the material type or dimensions of existing utilities, and to verify clearances between multiple utilities.

The exploration trench shall be constructed at the locations shown on the plans or as directed by the Engineer. The depth of the exploration trench shall vary as necessary, but shall be sufficient to locate the utility or utilities under investigation. The width of the trench shall be sufficient to allow proper investigation of the entire trench.

Upon completion of the exploration trench, the trench shall be backfilled. All exploration trenches where the inner edge of the trench is within 2 ft of an existing or proposed edge of pavement, driveway, curb, gutter, curb and gutter, stabilized shoulder, or sidewalk shall be backfilled with trench backfill in accordance with Section 208 of the Standard Specifications. Exploration trenches which do not require trench backfill shall be backfilled in accordance with Article 550.07 of the Standard Specifications. Backfilling of exploration trenches will not be measured for payment but shall be included in the cost of this work.

Method of Measurement. The exploration trench will be measured for payment in feet of actual trench constructed, regardless of the depth of the trench constructed. No additional measurement or compensation will be allowed for any delays or unforeseen circumstances arising from this work.

Basis of Payment. This work will be paid for at the contract unit price per foot for EXPLORATION TRENCH, SPECIAL.

PAY ITEM #74-75 – TEMPORARY ACCESS

Description. This work shall consist of furnishing and placing aggregate for use as temporary access in accordance with section 402 of the Standard Specifications, except as modified herein. Revise Article 402.10 of the Standard Specifications to read:

"402.10 For Temporary Access. The Contractor shall construct and maintain aggregate surface course for temporary access to private entrances and roads according to Article 402.07 and as determined by the Engineer.

The aggregate surface course shall be constructed to the dimensions and grades specified below, except as modified by the plans or as determined by the Engineer. Material shall be well graded 100 percent crushed gravel or crushed stone aggregate free of clay, loam, dirt, calcareous or other foreign matter conforming to the Standard Specifications gradation No. CA6.

(a) Private Entrance. The minimum width shall be 12 ft. The minimum compacted thickness shall be 6 in. The maximum grade shall be eight percent, except as required to match the existing grade.

(b) Road. The minimum width shall be 24 ft. The minimum compacted thickness shall be 9 in. The grade and elevation shall be the same as the

removed pavement, except as required to meet the grade of any new pavement constructed.

Maintaining the temporary access shall include relocating and/or regrading the aggregate surface coarse for any operation that may disturb or remove the temporary access. The same type and gradation of material used to construct the temporary access shall be used to maintain it.

When use of the temporary access is discontinued, the aggregate shall be removed and utilized in the permanent construction at the discretion of the Engineer or disposed of according to Article 202.03".

Method of Measurement. Add the following to article 402.12:

"Aggregate surface course for temporary access will be measured for payment as each for every private entrance, commercial entrance, or road constructed for the purpose of temporary access. If a residential drive, commercial entrance, or road is to be constructed under multiple stages, the aggregate needed to construct the second or subsequent stages will not be measured for payment but shall be included in the cost per each of the type specified".

Basis of Payment. Revise the second paragraph of Article 402.13:

"Aggregate surface course for temporary access will be paid for at the contract unit price per each for TEMPORARY ACCESS (PRIVATE ENTRANCE) or TEMPORARY ACCESS (ROAD).

Partial payment of the each amount bid for temporary access, of the type specified, will be paid according to the following schedule:

(a) Upon construction of the temporary access, sixty percent of the contract unit price per each, of the type constructed, will be paid.

(b) Subject to the approval of the Engineer for the adequate maintenance and removal of the temporary access, the remaining forty percent of the pay item will be paid upon the permanent removal of the temporary access".

PAY ITEM #76 – HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

Description. This work shall consist of the removal and disposal of existing Hot-Mix Asphalt surface as shown on the plans or as directed by the Engineer. This work shall be completed in accordance with Section 440 of the Standard Specifications, except as modified herein.

This item shall include the complete removal of the existing asphalt surface course. This item shall also include the removal and disposal of portions of the existing aggregate base as required to meet the proposed pavement sections as shown on the plans.

The contractor shall mill the pavement prior to patching operations.

Method of Measurement. This work shall be measured for payment in place and the area computed in square yard.

Basis of Payment. This work shall be measured and paid for at the contract unit price per square yard for HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH.

PAY ITEM #77 – SANITARY MANHOLE TO BE ADJUSTED

Description. This work shall consist of adjusting sanitary manholes with new frame and grate, in accordance with the detail in the plans and Section 602 of the Standard Specifications, except as specified herein.

This work shall be undertaken at locations shown on the plans or as directed by the Engineer and is anticipated to only be used for existing manholes that are to remain within the project limits.

Each structure adjustment shall be limited to two adjustment rings. The Contractor shall place a continuous strip 3/8" thick of polyurethane sealer/adhesive between the PCC structure or PCC ring and the bottom of the rubber ring. The Contractor shall also place a continuous strip 3/8" thick of polyurethane sealer/adhesive between the top of the rubber ring and the bottom of the frame.

This item shall include the installation of a Certex internal manhole chimney seal to the existing frame conforming to ASTM C-923, or approved equal, in accordance with the Village Standards. If an internal chimney seal already exists, it shall be removed and replaced unless otherwise directed by the Engineer.

Hydraulic cement shall be used in the adjustment of said structure to seal the outside of the adjustment rings and under the frame.

Basis of Payment. This work shall be paid for at the contract unit price per each for SANITARY MANHOLE TO BE ADJUSTED.

PAY ITEM #78 –MANHOLE, SANITARY, TYPE A

Description. This work shall consist of constructing manholes, together with the necessary cast iron frames and lids, in accordance with the detail in the plans and Section 602 of the Standard Specifications, except as specified herein.

Manholes constructed over proposed or existing sanitary sewer and which are indicated on the plans as sanitary manholes shall be provided with rubber gasketed couplings to ensure a watertight seal between pipes and manhole. The rubber gasketed coupling shall conform to ASTM Specification C-923. Manholes shall be provided with epoxy coated cast iron steps on 15" centers from frame to invert. The outside of the manhole shall be coated with a waterproofing membrane and external sealing bands conforming to ASTM C-877. The seal between the pipe and the structure to be bound by water tight hydraulic cement. The rubber gasketed couplings, waterproof coating, chimney seal, and steps shall be included in the cost of the manholes and will not be paid for separately.

Manholes constructed in a location where an existing manhole was removed shall include five feet of pipe for each existing pipe location. Unless otherwise noted, sanitary sewer pipe shall be PVC, SDR 26 conforming to ASTM D-2241. Connections shall be made with non-shear mission couplings. The pipe, collar, couplings, and trench back fill shall be included in the cost of the manholes and will not be paid for separately.

If required, by-pass pumping may be accomplished by supplying sufficient pumping equipment to by-pass the sewage flow around the construction area to the downstream sanitary sewer. Before leaving the construction site each day, the Contract shall connect the new sewer to the existing sewer to allow sewage flow by gravity. All costs associated with by-pass pumping and temporary plugging of sewer required for sanitary manhole installation shall be included in the cost of the proposed sanitary manhole.

When a proposed manhole is to be installed at the location of an existing manhole, the removal of the existing structure shall be included in this item. Removing existing manholes shall consist of removal and disposal of existing manholes in accordance with Section 605 of the Standard Specifications.

Frames, grates and lids or other castings will be paid for separately.

Basis of Payment. This work shall be paid for at the contract unit price per each for MANHOLE, SANITARY, TYPE A of the of the size specified.

PAY ITEM #79 – TRAFFIC CONTROL AND PROTECTION (SPECIAL)

Description. This work shall consist of the furnishing, installation, maintenance, relocation, and removal of work zone traffic control and protection. This work shall be in accordance with Section 701 of the Standard Specifications, the Supplemental

Specifications, the "Illinois Manual of Uniform Traffic Control Devices", the Highway Standards and details contained in the Plans and Special Provisions, and the Special Provisions contained herein, except as modified herein.

The bid price for TRAFFIC CONTROL AND PROTECTION (SPECIAL) shall not exceed 5 percent of the total bid price. If the bid price for TRAFFIC CONTROL AND PROTECTION (SPECIAL) exceeds 5 percent of the total bid price, the Village may reject the Bid.

Special Attention is called to Article 107.09 of the Standard Specifications and the following Highway Standards, Details, Recurring Local Roads and Streets Special Provisions, and Special Provisions contained herein, relating to traffic control.

HIGHWAY STANDARDS: 701301, 701501, 701801, 701901

DETAILS:

Traffic Control and Protection for Side Roads, Intersections, and Driveways (TC-10)

SPECIAL PROVISIONS (Included in these Special Provisions):

Maintenance of Roadways
Work Zone Traffic Control Surveillance (LRS 3)
Flaggers in Work Zones (LRS 4)
Sidewalk, Corner, or Crosswalk Closure (BDE)

Contractor shall contact the Village at least 72 hours in advance of beginning work. Construction operations shall be conducted in a manner such that streets shall be open to emergency traffic and accessible as required to local traffic. Advanced notice shall be provided to residents, police, fire, school districts, school bus companies, and trash haulers when access to any street will be temporarily closed or limited. Removal and replacement of curb and gutter and driveways shall be planned so as to cause a minimum of inconvenience to the abutting property owners. The work shall be accomplished such that the streets shall be left open to local traffic at the end of each workday.

Method of Measurement. This work will be measured for payment on a lump sum basis. No measurement will be made of any of the individual components of this work.

Basis of Payment. Traffic control and protection will be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION (SPECIAL), which price shall include all of the above listed requirements, details, standards, and special provisions.

PAY ITEM #81 – PRE–CONSTRUCTION VIDEO RECORDING

Description. This work shall consist of performing color video and audio recording of the project area and other areas which may be impacted by construction.

Pre-construction video recordings will include coverage of the project area and all other areas which may be impacted by construction. Video recordings will also include construction easements when applicable. Video recordings will provide a visual record of all physical features within those areas, including, but not limited to, roadways, pavements, curbs, gutters, driveways, driveway aprons, sidewalks, carriage walks, parkways, trees, landscaping, shrubbery, plantings, landscaping walls, retaining walls, signs, sign posts, fences, utility poles, light poles, utilities, equipment, manholes, b-boxes, cleanouts, valves, curb structures, pipelines, buildings, mailboxes, and any other features located within the project area.

Video recordings will begin with an audio narrative which provides the current date and time, the name of the Village and name of project, and a description of both the starting location and the location or locations to be recorded, including street name or names, street addresses, and any additional information which may be necessary to describe the location and subject of viewing.

Video recordings will maintain viewer orientation by means of an audio commentary in the audio track of each video recording which provides an explanation of what is being viewed; and by videotaping landmarks and readily identifiable objects, including property addresses, street signs, or other appropriate objects, at appropriate intervals.

Pre-construction video recordings will be recorded at a rate of travel not exceeding 50 feet per minute, and zooming and panning rates will be controlled to provide clarity of features during playback. The finished product will be provided with bright, clear pictures and accurate colors free from distortion, tearing, rolls, or other forms of picture imperfection. The audio will have proper volume and clarity. All recordings will be performed at times of satisfactory visibility, and when no more than 10 percent of ground is obscured by snow, leaves, or other cover.

If any element within or portion of the project area is not adequately documented by the pre-construction video recording so as to definitively demonstrate its condition prior to the start of construction, Contractor will assume responsibility for the repair, restoration or replacement of that element or portion of the project area. Such repair, restoration or replacement will be to equal or better condition than previously existing, and will further comply with all standards and provisions which govern the work in question.

Schedule. Preconstruction video recording will be performed according to the following schedule:

(a) Pre-construction video recording will be completed after a Notice to Proceed has been issued.

(b) Pre-construction video recording will be completed after the Joint Utility Locating Information for Excavators (JULIE) request for the project area has cleared.

(c) Pre-construction video recording will be completed before any equipment, materials, or other items are delivered to the site.

(d) Pre-construction video recording will be completed no more than 7 chargeable days prior to the start of construction.

(e) Pre-construction video recording will be completed, the required pre-construction video recording deliverables will be submitted to the Engineer, and the Engineer will review and issue written approval of the pre-construction video recording before any activity other than utility locating will be permitted to start. Such activity will include, but not be limited to, delivery of materials and equipment, installation of traffic control and erosion control, and completion of construction layout and tree protection. No days will be charged against the contract time while the video is under review by the Engineer, including the day the deliverables are submitted and the day a response is provided. If the pre-construction video recording or any portions thereof are rejected, the contract time will commence to run until revisions are submitted.

(f) Pre-construction video recording will be submitted to Engineer for review prior to commencement of any construction, and receive acceptance of recordings prior to commencement of construction. Any areas found not acceptable to the Owner will be re-recorded at no additional cost to the contract.

Deliverables. Video will be high-definition, with a minimum resolution of 1280 × 720 pixels per frame. Video will be filmed in a landscape aspect ratio. Video filmed in a portrait aspect ratio will be considered unacceptable and will be rejected.

Preconstruction video recordings will be provided as electronic files of .avi, .mp4, .m4v, .mkv, .wmv, or .mpg file format, or of such other file format as may be approved by Engineer. Preconstruction video recordings will be provided as independent digital container format files, which container files will include all video, audio, and other electronic information necessary to view the preconstruction video recording as intended.

Video DVD will be considered an unacceptable format for providing preconstruction video recordings, and will be rejected.

Pre-construction video recording electronic files will be provided on a portable electronic media device or devices of one of the following types: USB flash drive, SD flash memory

card, CF flash memory card, data DVD, external hard drive, or such other portable electronic media device as may be approved by Engineer. Preconstruction video recording electronic files may also be provided via online file sharing, cloud storage, File Transfer Protocol (FTP), or other online or network file transfer methods if approved by Engineer.

Pre-construction video recording electronic files will be accompanied by corresponding logs which document the dates, times, and locations covered by each preconstruction video recording electronic file.

Contractor shall maintain copies of all items submitted to Engineer for Contractor's own use and record.

Method of Measurement. This work will be measured for payment on a lump sum basis. No measurement will be made of the individual components of this effort.

Basis of Payment. Pre-construction video recording will be paid for at the contract lump sum price for PRE-CONSTRUCTION VIDEO RECORDING.

PAY ITEM # 82 – PARKWAY RESTORATION

This work shall be done in accordance with Sections 211 and 252 of the Standard Specifications and the Details provided in the Plans, except where modified herein.

Description. The purpose of this work is to restore the areas disturbed by construction and/or to provide proper drainage in the parkways.

This work shall include restoring disturbed areas within the construction limits, removing excess backfill material, excavating for proposed ADA ramps, furnishing and placing 4" of topsoil in accordance with Section 211, compacting and grading to maintain positive slope, fertilizing, and sodding the areas in accordance with Section 252. Contractor is responsible for repairing any parkway settlement to the Engineer's approval.

Materials.

(a.) Topsoil shall meet the requirements of Article 211.02.

(b.) Salt Tolerant Sod shall meet the requirements of Article 252.02

(c.) Fertilizer shall meet the requirements of Article 252.02

Construction. Installation of the topsoil shall be per Article 211.04. Installation of the sod and fertilizer shall be per Articles 252.03-252.06.

Add the following to the end of Article 252.03:

"The removal of excess backfill material shall be included in the pay item for PARKWAY RESTORATION."

Method of Measurement. Parkway Restoration will be measured for payment in place and the area computed in square yards. To be acceptable for final payment, the sod shall be growing in place for a minimum of 30 days in a live, healthy condition. When directed by the Engineer, any defective or unacceptable sod shall be removed, replaced, and watered.

Basis of Payment. This work will be paid for at the contract unit price per square yard for PARKWAY RESTORATION.

PAY ITEM #83 – HOT-MIX ASPHALT DRIVEWAY PAVEMENT

Description. This work shall consist of constructing Hot-Mix Asphalt driveway pavement on a prepared subgrade. This work shall be in accordance with Articles 406.02, 406.03, 406.05, 406.06, 406.07, and 406.12 of the Standard Specifications, and the detail shown on the Plans, except as modified herein.

Hot-Mix Asphalt driveway pavement shall be constructed on a prepared base of mechanically compacted crushed aggregate of CA-6 gradation having a minimum compacted thickness of 6 in. for residential driveways and 8 in. for commercial driveways.

The mix for Hot-Mix Asphalt Driveway Pavement shall be Hot-Mix Asphalt Surface Course, Mix "D", N50, to the minimum thickness of 4" for residential driveways and 6" for commercial driveways, or to match the existing HMA thickness, whichever is greater.

Driveway pavement shall be placed in two lifts.

Aggregate base course will not be paid for separately, but shall be included in the cost of HOT-MIX ASPHALT DRIVEWAY PAVEMENT.

Method of Measurement. Hot-mix asphalt driveway pavement will be measured for payment in place and the area computed in square yards.

Basis of Payment. This work will be paid for at the contract unit price per square yard for HOT-MIX ASPHALT DRIVEWAY PAVEMENT, of the thickness specified.

PAY ITEM #84 – CONSTRUCTION LAYOUT

Description. The Contractor shall furnish and place construction layout stakes for this project. Reference points to the centerline of survey and benchmarks as shown in the plans. Any additional control points set by the Engineer will be identified in the field to the Contractor and all field notes will be kept in the office of the Engineer.

The Contractor shall provide field forces, equipment, and material to set all additional stakes for this project, which are needed to establish offset stakes, reference points, and any other horizontal or vertical controls, including supplementary benchmarks, necessary to secure a correct layout of the work. Stakes for line and grade of pavement and/or curb shall be set at sufficient station intervals (not to exceed 50 feet to assure substantial conformance to plan line and grade.

The Contractor shall be responsible for having the finished work conform to the lines, grades, elevations, and dimensions called for in the plans. Any inspection or checking of the Contractor's layout by the Engineer and the acceptance of all or any part of it shall not relieve the Contractor of responsibility to secure the proper dimensions, grades and elevations of the several parts of the work. The Contractor shall exercise care in the preservation of stakes and benchmarks and shall have them reset when any are damaged, lost, displaced, removed, or otherwise obliterated.

Responsibility of the Engineer

The Engineer will make random checks of the Contractor's staking to determine if the work is in conformance with the plans. Where the Contractor's work will tie into work that is being or will be done by others, checks will be made to determine if the work is in conformance with the proposed overall grade and horizontal alignment.

It is not the responsibility of the Engineer, except as provided herein, to check the correctness of the Contractor's stakes; any errors apparent will be immediately called to the Contractor's attention and the Contractor shall make the necessary correction before the stakes are used for construction purposes.

Responsibility of the Contractor

The Contractor shall establish from the given survey points and benchmarks all the control points necessary to construct the individual project elements. The Contractor shall provide the Engineer adequate control in close proximity to each individual element to allow adequate checking of construction operations. This includes, but is not limited to, line and grades in substantially completed construction work. It is the Contractor's responsibility to tie in centerline control points in order to preserve them during construction operations.

All work shall be according to normally accepted self-checking surveying practices. Field notes shall be kept in standard survey field notebooks and those books shall become the

property of the Engineer at the completion of the project. All notes shall be neat, orderly and in accepted form.

Basis of Payment. This work will be paid for at the contract lump sum price for CONSTRUCTION LAYOUT.

PAY ITEM #85-89 – STORM SEWER, WATER MAIN QUALITY PIPE

Description. This work consists of constructing storm sewer adjacent to or crossing a water main, at the locations shown on the plans or as determined by the Engineer. The material and installation requirements shall be according to the latest edition of the "Standard Specifications for Water and Sewer Construction in Illinois", and the applicable portions of Section 550 of the Standard Specifications, except as modified herein.

Water quality pipe shall be defined as:

Ductile iron pipe, Class 52 conforming to ANSI/AWWA C151/A21.51, with joints conforming to ANSI/AWWA C111/A21.11, of the diameter specified.

Polyvinyl chloride (PVC) pressure pipe conforming to ASTM D-2241 with a Standard Dimension Ratio (SDR) equal to 26 and gasketed joints conforming to ASTM D-.

This work includes providing and installing pipe, fitting and couplings, connections to manholes, sawcutting, excavation, sheeting shoring, and dewatering, by-pass pumping, removal and disposal of existing sewers, removal and disposal of excavated material, bedding and covering of pipe, making connections between different pipe materials, and any other labor, material or equipment required to complete the work as specified herein.

Construction Requirements. Storm sewers shall be installed on a minimum of 4-inches of granular bedding. Once the pipe has been installed the Contractor shall place bedding to 12-inches over the crown of the pipe. Bedding material will not be paid for separately but shall be included in the cost of this item.

Trench backfill shall be placed over the bedding material and shall be paid for as TRENCH BACKFILL.

Basis of Payment. This work will be paid for at the contract unit price per foot for STORM SEWER, WATER MAIN QUALITY PIPE, of the diameter specified.

PAY ITEM #90 – SANITARY SEWER, PVC

Description. This work shall consist of the installation of sanitary sewer of the size specified adjacent to or crossing utilities proposed to be constructed under this contract as shown on the plans or determined by the Engineer and shall be performed in accordance with the Water and Sewer Specifications and applicable Village standards.

This work will only be paid for if the sanitary sewer is in direct conflict with the proposed utility and approved by the Engineer.

This work includes providing and installing pipe, fitting and couplings, connections to manholes, all material and equipment, sawcutting, excavation, sheeting shoring, and dewatering, by-pass pumping, removal and disposal of existing sewers, removal and disposal of excavated material, bedding and covering of pipe, making connections between different pipe materials, backfilling with granular trench back fill material, and any other labor, material or equipment required to complete the work as specified herein.

Materials. Unless otherwise noted, proposed sanitary sewer shall be PVC, SDR 26 conforming to ASTM D-2241 with gasketed, bell and spigot, push on type joints conforming to ASTM D-3139 of the diameter shown on the plans.

Fittings such as saddles, elbows, tees and wyes shall be factory produced and have joint design compatible with adjacent pipe. Provide approved adapters for transitions to other types of pipe material.

Pipe markings shall include: Manufacturer's name or trademark; nominal pipe size; PVC cell classification; ASTM D-2241 SDR 26; extrusion date, period of manufacture or lot number.

Pipe shall be subject to rejection for fractures or cracks passing through pipe wall or socket; cracks sufficient to impair strength, durability of serviceability of pipe; variations of more than 1/8 inch/lineal foot in alignment in pipe intended to be straight; damaged ends.

Flexible connectors shall be non-shear mission couplings or approved equal for joining pipes of dissimilar material and/or size.

Bedding and backfill requirements shall be per TRENCH BACKFILL AND PIPE BEDDING and the Village standard details. Trench backfill and pipe bedding materials will not be paid for separately and are included in this item.

Construction Requirements. If ground water is encountered during trenching operations, it is the Contractor's responsibility to dewater the trenches in order to install sanitary sewers, manholes and other underground items. The cost for dewater trenches will not be paid for and is incidental to the contract

If required, by-pass pumping may be accomplished by supplying sufficient pumping equipment to by-pass the sewage flow around the construction area to the downstream sanitary sewer. Before leaving the construction site each day, the Contract shall connect the new sewer to the existing sewer to allow sewage flow by gravity.

The cost of making any sewer connections to existing structures or pipe shall be included in the cost of the new sanitary sewer pipe. Any additional sewer pipe required to make the connection shall be of the same size and material type as the existing sewer. Clay pipe and other substandard materials as determined by the Engineer will not be replaced in kind but shall be replaced with suitable materials. This work and the necessary materials shall be included in the cost of the new sanitary sewer.

The cost of removing existing sewer pipe within the proposed sewer trench shall be included in the cost of the new sanitary sewer pipe and will not be paid for separately.

All sanitary sewer shall be pressure and deflection tested in accordance with the Water and Sewer Specifications and Village standards prior to acceptance. No sooner than 30 days after sewers have been installed, they shall be inspected by closed circuit color television to determine if any pipe installation defects have occurred. A copy of the video DVD and flash drive and written inspection report shall be furnished to the Village. Any failures in the pipe identified by the Village during the review of the television reports and videos shall be corrected prior to the Village accepting ownership.

Method of Measurement. This work will be measured for payment per lineal foot installed.

Basis of Payment. This work will be paid for at the contract unit price per lineal foot as SANITARY SEWER, PVC of the size specified.

PAY ITEM #91 – ADJUSTING WATER SERVICE LINES

Description. This work shall consist of adjusting existing copper water service lines ¾ in. diameter and larger which are determined by the Engineer to be in direct conflict with a utility or utilities being constructed under this contract or are determined by the Engineer to be substantially impeding such construction. This work shall be in accordance with Section 563 of the Standard Specifications and with the Water and Sewer Specifications, except as modified herein.

Existing water service lines that are not copper or that are less than ¾ in. diameter will not be adjusted but shall be replaced from the water main to the b-box in accordance with WATER SERVICE, PUBLIC.

Materials. Water service line pipe shall be Type "K" seamless copper water tubing conforming to ASTM B88. Water service line pipe shall be of the same diameter as the existing water service line to be adjusted.

Water service line couplings shall be Mueller H-15400 straight three-part unions with copper flare nuts on both ends, conforming to ANSI/AWWA C800, of the size needed.

All materials furnished as a part of this work shall comply with the latest requirements of the Federal Safe Drinking Water Act.

Construction. Where adjustment of the water service line above the utility in conflict will result in the water service line being less than 5.5 ft. below finished grade, the water service line shall be adjusted below the utility in conflict. If the water service line is to be adjusted below the utility in conflict, adjustment of the water service line shall be completed before the utility in conflict is constructed across the water service. If the water service line is to be adjusted above the utility in conflict, adjustment of the water service line may be completed either before or after the utility in conflict is constructed across the water service line.

The existing water service line shall be cut by an approved method. If adjustment of the water service line is not to be completed immediately, both ends of the water service line shall be crimped and bagged until adjustment is to be completed. The crimped ends shall be cut again by an approved method immediately before adjustment is to be completed.

The water service line shall be adjusted so that a minimum of 1 ft. of clearance exists in all directions between the water service line and all other utilities. A single piece of copper water tubing of sufficient length to provide the minimum clearances shall be utilized. The ends of the existing water service line shall be joined to the new copper water tubing with water service line couplings of the proper size.

The adjusted water service line shall be placed on a bedding of crushed aggregate of CA-7 or CA-11 gradation having a minimum thickness of 4 in. The bedding shall be placed to a minimum of 12 in. above the adjusted water service line.

Excavation, bedding, and backfilling needed to adjust water service lines will not be paid for separately, but shall be included in the cost of this work.

Method of Measurement. This work will be measured for payment per foot of water service line adjusted, regardless of the depth of the water service line adjusted, the diameter of the water service line adjusted, or any other factors. No separate measurement will be made of pipe, fittings, couplings, stops, valves, or other components.

Basis of Payment. This work will only be paid for if the Engineer determines the water service line is in direct conflict with a utility or utilities being constructed under this contract. If the Engineer determines the water service line is in direct conflict with a utility or utilities being constructed under this contract, then this work will be paid for at the contract unit price per foot for ADJUSTING WATER SERVICE LINES. If Contractor elects to adjust a water service line that the Engineer has not determined to be in direct conflict, that work will not be paid for but shall be at the Contractor's expense.

PAY ITEM #93 – CLASS D PATCHES, SPECIAL

Description. This work shall consist of the removal of the existing pavement, the necessary excavation, and the replacement with hot-mix asphalt (HMA) patches at designated locations. This work shall be in accordance with Section 442 of the Standard Specifications, except as modified herein.

Remove all references to a specified type or types of patches in the Standard Specifications.

All patches shall be saw cut full-depth prior to removal of the existing pavement. Saw cuts shall be completed no more than three days prior to removal of the existing pavement. Saw cuts will not be paid for separately, but shall be included in the cost of this work.

Where patches are to be resurfaced with a subsequent lift of hot-mix asphalt, the patches shall be constructed with Hot-Mix Asphalt Binder Course, IL-19.0, N50. The minimum thickness of each lift shall be 2.25 in. The maximum thickness of each lift shall be 4 in.

Where patches are not to be resurfaced with a subsequent lift of hot-mix asphalt, the topmost lift of the patch shall be constructed with Hot-Mix Asphalt Surface Course, Mix "D", N50. The thickness of the surface course lift shall be 2 in. Lower lifts shall be constructed with Hot-Mix Asphalt Binder Course, IL-19.0, N50. The minimum thickness of each lower binder course lift shall be 2.25 in. The maximum thickness of each lower binder course lift shall be 4 in.

Basis of Payment. This work will be paid for at the contract unit price per square yard for CLASS D PATCHES, SPECIAL, of the thickness specified.

PAY ITEM #94 – CONNECTION TO EXISTING WATER MAIN

Description. This work shall consist of making non-pressure, cut-in connections to existing water mains. This work shall be in accordance with Section 561 and Section 563 of the Standard Specifications and with the Standard Specifications for Water and Sewer Construction in Illinois, except as modified herein.

Materials. Water main pipe shall be ductile iron pipe conforming to ANSI/AWWA C151/A21.51, Class 52 standard thickness, with gasketed bell and spigot type push-on joints conforming to ANSI/AWWA C111/A21.11, of the diameter required. Pipe shall have an interior cement mortar lining conforming to AWWA C104.

Water main fittings shall be ductile iron conforming to ANSI/AWWA C110/A21.10 or ANSI/AWWA C153/A21.53. Fittings shall be cement mortar lined and tar coated in accordance with AWWA C104. Fittings shall have mechanical joint end connections

unless otherwise specified. Fittings shall include tees, crosses, reducers, and all other fittings as may be necessary to construct a connection to an existing water main.

Water main couplings shall be Krausz Hymax Grip coupling restraints of the diameter required, or approved equal.

Mechanical joint restraints shall be EBAA Iron, Inc., MEGALUG Mechanical Joint Restraints for Ductile Iron Pipe, or approved equal.

Tie rods shall be stainless steel threaded rods ¾ in. diameter.

All bolts, tie rods, nuts, washers, and other hardware and fasteners to be installed below grade shall be stainless steel. Bolts and tie rods shall be Type 304 stainless steel. Nuts and washers shall be Type 300 stainless steel.

Construction. The connection to the existing water main shall be accomplished by the use of fittings of the proper types and sizes, sections of new water main pipe of the proper lengths and diameters, water main couplings of the proper sizes, and mechanical joint restraints. The connection shall be made in the most direct configuration possible. The connection may be made to the existing water main or to existing valves or fittings.

All pipe and fittings shall be disinfected prior to their installation in accordance with the Water and Sewer Specifications.

The water main pipe and fittings shall be placed on a bedding of crushed aggregate of CA-7 or CA-11 gradation having a minimum thickness of 4 in. The bedding shall be placed to a minimum of 12 in. above the water main pipe and fittings.

Thrust blocking of all fittings shall be in accordance with Article 41-2.08 of the Water and Sewer Specifications and the details in the plans.

Excavation, bedding, and backfilling will not be paid for separately but shall be included in the cost of this work.

This work shall also include any cutting, capping and bracing of existing pipe necessary to make the connection.

Method of Measurement. This work will be measured for payment as each connection made, regardless of the depth of the connection, the number or type of fittings required, or any other factors. No separate measurement will be made of pipe, fittings, couplings, hardware, or any other components.

Basis of Payment. This work will be paid for at the contract unit price per each for CONNECTION TO EXISTING WATER MAIN, of the diameter specified.

PAY ITEM #95 – CONTINGENCY ALLOWANCE

Description. A contingency allowance pay item is provided as a part of this contract for the purpose of facilitating the completion of unforeseen or additional work not included in the contract as awarded, and which is determined by the Engineer to be necessary and germane to the contract.

Use of the contingency allowance will be at the discretion of the Engineer. The Engineer may, at the Engineer's discretion, use the contingency allowance for any of the following reasons:

(a) Facilitate a temporary payment allowance to the Contractor for work completed under existing contract pay items and for which completed quantities exceed contract quantities;

(b) Facilitate a temporary payment allowance to the Contractor for work completed beyond the scope of existing contract pay items; or

(c) Facilitate a temporary payment allowance to the Contractor for the purchase of equipment, materials or such other requisition as Engineer determines to be necessary for the completion of the Work.

Such use of the CONTINGENCY ALLOWANCE will be further subject to approval by the Village. The Village's decision with regard to use of the CONTINGENCY ALLOWANCE will be final.

A. Any payments made to Contractor under the CONTINGENCY ALLOWANCE will be considered temporary, and will only be retained by Contractor until such time that an authorization of contract changes can be approved and incorporated into the contract.

B. Contractor, in accepting payments made under the CONTINGENCY ALLOWANCE, agrees to the terms of this and other applicable special provisions. Contractor agrees to relinquish any monies and any claim to monies paid under the CONTINGENCY ALLOWANCE upon approval of an authorization of contract changes and payment for any work for which payment was previously made under the CONTINGENCY ALLOWANCE. Contractor further agrees to return any monies previously paid thereunder.

C. The CONTINGENCY ALLOWANCE pay item for this contract has been established with a unit of measurement in dollars, a quantity of 300,000.00, and a contract unit price of one dollar ($1.00), for a total CONTINGENCY ALLOWANCE contract price of three hundred thousand dollars and no cents ($300,000.00). Bidder, in submitting a bid, accepts the quantity, contract unit price, and total contract price of the CONTINGENCY ALLOWANCE.

Basis of Payment. This work will be paid for at the contract unit price per dollar for CONTINGENCY ALLOWANCE. The total bid amount for this item will be $300,000.00.

PAY ITEM #96 – FENCE REMOVAL AND REINSTALLATION

Description. This work shall consist of removing and reinstalling existing fence in-kind, regardless of type, as shown on the plans. The work shall be performed in accordance with Section 606 of the Standard Specifications.

Any damage to the existing fence panel, posts, and/or other appurtenances necessary to reinstall the fence in-kind shall be repaired and/or replaced by the Contractor at their own expense, to the satisfactory of the Engineer.

Basis of Payment. This work will be paid for at the contract unit price per foot for FENCE REMOVAL AND REINSTALLATION. The price shall include all materials and labor required to perform the work described herein.

PAY ITEM #97 –GARDEN TRELLIS REMOVAL AND REINSTALLATION

Description. This work shall consist of removing and reinstalling existing garden trellis and plantings in-kind, regardless of type, as needed to install the rear yard drainage system as shown on the plans or directed by the Engineer.

No separate payment shall be allowed for this item and the Village's intent is to minimize private property impacts. All private property shall be restored to pre-construction conditions or better.

Any damage to the existing trellis panel, posts, and/or other appurtenances necessary to reinstall the trellis in-kind shall be repaired and/or replaced by the Contractor at their own expense, to the satisfactory of the Engineer.

Basis of Payment. This work will be paid for at the contract unit price per foot for GARDEN TRELLIS REMOVAL AND REINSTALLATION. The price shall include all materials and labor required to perform the work described herein.

PAY ITEM #98 – INLET, SPECIAL

Description. This work shall consist of constructing, installing, and backfilling special storm sewer structures at the locations specified on the Plans.

Materials. The materials shall meet the requirements of Article 602.02 of the Standard Specifications.

Construction. Structures shall be constructed in accordance with the Construction Details and Section 602 of the Standard Specifications, except as modified herein.

Structures shall be constructed to the specified internal dimensions and elevations shown on the plans, or as directed by the Engineer.

Unless otherwise noted, an IDOT Type 1 Frame and Grate Closed Lid shall be installed per the construction plans and will be included in the cost of this item.

For storm structures located within the curbline, this item includes the curb and gutter on either side of the structure to transition from the existing curb and gutter to the proposed structure as shown on the details.

Frames, grates and lids or other castings will be paid for separately.

Method of Measurement. This work will be measured for payment as each individual structure complete installed. No separate measurement will be made for the amount of excavation, disposal, backfill, concrete, or saw-cutting to complete the removal as specified.

Basis of Payment. This work will be paid for at the contract unit price per each for INLET, SPECIAL of the size specified and MANHOLE SPECIAL of the size specified. No additional payment will be made for the excavation, disposal, backfill, concrete work (including curb and gutter as stated in the Construction Section of this Special Provision), or saw-cutting to complete the construction of the item as specified.

PAY ITEM #99-100 – MANHOLE, SPECIAL

Description. This work shall consist of constructing, installing, and backfilling special storm sewer structures at the locations specified on the Plans.

Materials. The materials shall meet the requirements of Article 602.02 of the Standard Specifications.

Construction. Structures shall be constructed in accordance with the Construction Details and Section 602 of the Standard Specifications, except as modified herein.

Structures shall be constructed to the specified internal dimensions and elevations shown on the plans, or as directed by the Engineer.

Unless otherwise noted, an IDOT Type 1 Frame and Grate Closed Lid shall be installed per the construction plans and will be paid for separately.

Method of Measurement. This work will be measured for payment as each individual structure complete installed. No separate measurement will be made for the amount of excavation, disposal, backfill, concrete, or saw-cutting to complete the removal as specified.

Basis of Payment. This work will be paid for at the contract unit price per each for MANHOLE, SPECIAL of the size specified. No additional payment will be made for the excavation, disposal, backfill, or saw-cutting to complete the construction of the item as specified.

PAY ITEM #102 – PRECAST 4' DIA TEE MANHOLE

Description. This work shall consist of furnishing and installing Tee Base Manholes as specified in the construction drawings. This work shall be in accordance with Sections 602 and 550 of the Standard Specifications, except as modified herein.

Materials. Concrete tee base manholes shall be constructed in accordance with the Construction Details and with Section 542.08 of the Standard Specifications (Pipe Elbows, Tees, and Collars) and fabricated according to Article 1042.06 (Precast Concrete Pipe). The 4-foot diameter manhole sections shall be fabricated and installed in accordance with the requirements for an IDOT Standard 4-foot diameter Type A manhole. Contractor shall provide a shop drawing for Precast 4' Diameter Tee Manhole to OWNER and ENGINEER for review and approval.

Unless otherwise noted, an IDOT Type 1 Frame and Grate Closed Lid shall be installed per the construction plans. Frames, grates and lids or other castings will be paid for separately.

Construction. Installation shall be according to the Standard Specifications and as directed by the Engineer.

Method of Measurement. This work will be measured for payment as each tee manhole and frame and lid installed.

Basis of Payment. This work will be paid for at the contract unit price per EACH for PRECAST 4' DIA TEE MANHOLE of the type and size specified which shall include all material, labor, and equipment necessary to complete the work.

PAY ITEM #103 – SANITARY SERVICE PIPE REPLACEMENT

Description. This work shall consist of the removal and replacement of sections of sanitary service sewers including, but not limited to; furnishing and installing pipe; fittings and couplings; sawcutting; excavation; sheeting, shoring, and dewatering; by-pass

pumping; removal and disposal of excavated material; bedding and covering of pipe; making connections between different pipe materials; backfilling with granular trench backfill material; and all labor and equipment required to complete the work as specified herein.

This work shall be done in accordance with the details included as part of the contract plans. The work shall be done in accordance with applicable portions of Section 563 of the Standard Specifications and the Water and Sewer Specifications.

If required, bypass pumping may be accomplished by supplying sufficient pumping equipment to bypass the sewage flow around the construction area to the downstream sanitary sewer. Before leaving the construction site each day, the Contractor shall connect the new sewer to the existing sewer to allow sewage flow by gravity.

Sanitary service pipe will only be replaced at the locations where the Engineer determines the sanitary service is in direct conflict with the utility being installed as part of this project.

The exact location of existing sanitary services is to be verified in the field by the Contractor. The Village will not mark locations of existing sanitary service and the locating of existing services shall be the responsibility of the Contractor.

Materials. The sanitary sewer services shall be replaced with PVC SDR 26 ASTM D-2241 pipe. The pipe diameter shall be 6". Fittings shall meet the requirements of ASTM D-3212 and ASTM F477. The pipe and fittings shall be furnished with elastomeric gasket joints conforming to ASTM D-3139. Connections to existing sewer services shall be made with No-Shear Flex Couplings with two stainless steel bands at a point where the coupling cannot shift. Bedding material shall conform to IDOT gradations CA-7 or CA-11.

Basis of Payment. This work shall be measured and paid for at the contract unit price per linear foot as SANITARY SERVICE PIPE REPLACEMENT.

PAY ITEM #104 – SEWER SERVICE CHECK VALVE

Description. This work shall consist of furnishing and installing a sewer service check valve on a new or existing sewer service line at the locations shown in the plans or as directed by the Engineer. This work shall be in accordance with Section 563 of the Standard Specifications and with the Water and Sewer Specifications, except as modified herein.

This work may consist of the standalone installation of a sewer service check valve on an existing sanitary sewer service line; the installation of a sewer service check valve on a new sanitary sewer service line in conjunction with the installation of the new sanitary sewer service line; the standalone installation of a sewer service check valve on an existing storm sewer service line; or the installation of a sewer service check valve on a

new storm sewer service line in conjunction with the installation of the new storm sewer service line.

Materials. Sewer service check valves shall be RectorSeal Clean Check Extendable Backwater Valve, 6" PVC, Model #31805, or approved equal.

Sewer service check valve riser pipes shall be polyvinyl chloride (PVC) of the diameter and type required.

Sewer service line pipe shall be polyvinyl chloride (PVC) conforming to ASTM D-2241 with a Standard Dimension Ratio (SDR) equal to 26 and gasketed joints conforming to ASTM D-3212. Sewer service line pipe shall be of the same diameter as the sewer service line on which the sewer service check valve is to be installed. All supplied pipe shall be from the same manufacturer.

Pipe couplings shall be Fernco Shielded RC Series Couplings, Mission Rubber Company Flex-Seal ARC Sewer Repair Couplings, or approved equal. Pipe couplings shall be non-shear and shall be equipped with stainless steel bands.

Construction. The sewer service check valve shall be located a minimum of 12 in. behind the back of the public sidewalk. Where a sewer service check valve is installed in combination with a sewer service cleanout, the sewer service cleanout shall be located a minimum of 12 in. behind the back of the public sidewalk and the sewer service check valve shall be located on the building side of the sewer service cleanout immediately upstream of the sewer service cleanout. The height of the check valve riser pipe shall be such that the top of the sewer service check valve is ½ in. below finished grade.

The check valve shall be assembled and installed in accordance with the manufacturer's specifications. Contractor shall provide all materials, fittings, and adapters necessary to assemble the check valve and to connect it to the sewer service line.

Following installation, the check valve shall be tested by the Contractor to confirm that there is positive flow through the sewer service line and check valve towards the sewer main.

Excavation, bedding, and backfilling will not be paid for separately but shall be included in the cost of this work.

Method of Measurement. This work will be measured for payment as each sewer service check valve installed, regardless of the depth, whether the check valve is installed on an existing sewer service line or a new sewer service line, whether the cleanout is installed on a sanitary sewer service or a storm sewer service, or any other factors. No separate measurement will be made of pipe, fittings, couplings, or other components.

Basis of Payment. This work will be paid for at the contract unit price per each for SEWER SERVICE CHECK VALVE.

PAY ITEM #105 – SEWER SERVICE CLEANOUT

Description. This work shall consist of furnishing and installing a sewer service cleanout on a new or existing sewer service line at the locations shown in the plans or as directed by the Engineer. This work shall be in accordance with Section 563 of the Standard Specifications and with the Water and Sewer Specifications, except as modified herein.

This work may consist of either the standalone installation of a sewer service cleanout on an existing sanitary sewer service line; the installation of a sewer service cleanout on a new sanitary sewer service line in conjunction with the installation of the new sanitary sewer service line; the standalone installation of a sewer service cleanout on an existing storm sewer service line; or the installation of a sewer service cleanout on a new storm sewer service line in conjunction with the installation of the new storm sewer service line.

Materials. Sewer service cleanouts shall be polyvinyl chloride (PVC) of the diameter and type required.

Sewer service cleanout riser pipes shall be polyvinyl chloride (PVC) of the diameter and type required.

Sewer service line pipe shall be polyvinyl chloride (PVC) conforming to ASTM D-2241 with a Standard Dimension Ratio (SDR) equal to 26 and gasketed joints conforming to ASTM D-3212. Sewer service line pipe shall be of the same diameter as the sewer service line on which the sewer service cleanout is to be installed. All supplied pipe shall be from the same manufacturer.

Pipe couplings shall be Fernco Shielded RC Series Couplings, Mission Rubber Company Flex-Seal ARC Sewer Repair Couplings, or approved equal. Pipe couplings shall be non-shear and shall be equipped with stainless steel bands.

Construction. The sewer service cleanout shall be located a minimum of 12 in. behind the back of the public sidewalk. The height of the cleanout riser pipe shall be such that the top of the sewer service cleanout is ½ in. below finished grade.

Excavation, bedding, and backfilling will not be paid for separately but shall be included in the cost of this work.

Method of Measurement. This work will be measured for payment as each sewer service cleanout installed, regardless of the depth, whether the cleanout is installed on an existing sewer service line or a new sewer service line, whether the cleanout is

installed on a sanitary sewer service or a storm sewer service, or any other factors. No separate measurement will be made of pipe, fittings, couplings, or other components.

Basis of Payment. This work will be paid for at the contract unit price per each for SEWER SERVICE CLEANOUT.

PAY ITEM #106 – SANITARY SERVICE CONNECTION

Description. This work shall consist of the constructing a new sanitary sewer service connection at the locations shown on the plans, or as directed by the Engineer. This work shall be in accordance with Section 563 of the Standard Specifications and with the Standard Specifications for Water and Sewer Construction in Illinois, except as modified herein.

Materials. Tees / wyes shall be polyvinyl chloride (PVC)

Sanitary sewer main pipe shall be polyvinyl chloride (PVC) conforming to ASTM D-2241 with a Standard Dimension Ratio (SDR) equal to 26 and gasketed joints conforming to ASTM D-3212.

Sanitary sewer service line pipe shall be polyvinyl chloride (PVC) conforming to ASTM D-2241 with a Standard Dimension Ratio (SDR) equal to 26 and gasketed joints conforming to ASTM D-3212.

Pipe couplings shall be Fernco Shielded RC Series Couplings, Mission Rubber Company Flex-Seal ARC Sewer Repair Couplings, or approved equal. Pipe couplings shall be non-shear and shall be equipped with stainless steel bands.

Construction. The exact location of existing sewer services and sewer connections are to be verified in the field by the CONTRACTOR. The Village will not mark locations of existing sanitary services.

The CONTRACTOR shall install a new polyvinyl chloride tee feeing at the location of the connection to the existing sewer main, and shall remove and replace, if necessary, a sufficient length of existing service pipe to re-establish the service. All connections to existing pipes shall be made with non-shear mission couplings. The existing sanitary sewer main shall be cut by and approved method.

Excavation, bedding, and backfilling will not be paid for separately but shall be included in the cost of this work.

Method of Measurement. This work will be measured for payment as each sanitary sewer service connection installed.

Basis of Payment. This work will be paid for at the contract unit price per each for SANITARY SERVICE CONNECTION.

PAY ITEM #107 – SEWER SERVICE FRAME AND LID

Description. This work shall consist of furnishing and installing a frame and lid on a new or existing sewer service cleanout or on a new or existing sewer service check valve at locations where such cleanout or check valve is located within proposed pavement, at the locations shown on the plans, or as directed by the Engineer. This work shall be in accordance with Section 563 of the Standard Specifications and with the Standard Specifications for Water and Sewer Construction in Illinois, except as modified herein.

Materials. Sewer service frames and lids shall be Neenah R-1975-A2 or approved equal.

Construction. The sewer service frame and lid shall be located such that no portion of the frame when plumb is less than 12 in. from any edge of the adjacent pavement. The height of the sewer service frame and lid shall be such that the top of the sewer service frame and lid is ¼ in. below the finished grade of the adjacent pavement.

Excavation, bedding, and backfilling will not be paid for separately but shall be included in the cost of this work.

Method of Measurement. This work will be measured for payment as each sewer service frame and lid installed.

Basis of Payment. This work will be paid for at the contract unit price per each for SEWER SERVICE FRAME AND LID.

PAY ITEM #108 – SHAPING AND GRADING ROADWAY

Description. This work shall consist of shaping and grading of the roadway subgrade in accordance with Section 301 of the Standard Specifications, except as modified herein.

Construction Requirements. This item shall include the addition of aggregate for shaping and grading of the roadway subgrade.

Materials must consist of virgin aggregate only. No recycled asphalt or concrete material will be allowed under new pavement.

Basis of Payment. This work will be paid for at the contract unit price per square yard for SHAPING AND GRADING ROADWAY.

PAY ITEM #109 – VALVE VAULT

Description. This work shall consist of constructing valve vaults for water mains and water services in accordance with Section 44 of the latest edition of the "Standard Specifications for Water and Sewer Main Construction in Illinois" and Section 602 of the Standard Specifications.

In addition to the requirements of Sections 44-2.02 and 44-3.01, Section 602, valve vaults shall be constructed in accordance with the Village of Villa Park Standard Detail. All lids for valve vaults shall have the word "WATER" cast into them.

Materials. Preformed plastic gasket material shall be installed at all joints. All openings around the water main shall be filled with preformed plastic gasket material and sealed with non-shrink hydraulic grout. The concrete base of the vault shall be set on a minimum of 4-inches of well compacted CA-11 or CA-7.

Construction. Excavation, bedding, and backfilling needed for the installation of valve vaults will not be paid for separately but shall be included in the cost of this work.

Frames, grates and lids or other castings will be paid for separately.

When a proposed valve vault is to be installed at the location of an existing structure, the removal of the existing structure shall be included in this item.

Method of Measurement. This work will be measured for payment as each individual structure complete installed.

Basis of Payment. This work will be paid for at the contract unit price per each for VALVE VAULT, of the diameter specified.

PAY ITEM #110 – WATER SERVICE (LEAD) – ASBESTOS ABATEMENT

Description. This pay item is a contingency item to be used in the event that asbestos is encountered during private lead service replacement work within building interiors. This work shall consist of removing and disposing friable and non-friable asbestos within the limits of the water service replacement and shall be done according to the requirements of the U.S. Environmental Protection Agency (USEPA), the Illinois Environmental Protection Agency (IEPA), Illinois Department of Health (IDPH) and the Occupational Safety and Health Administration (OSHA).

The work shall be performed by a Contractor or subcontractor prequalified with the Illinois Capital Development Board.

Asbestos abatement is anticipated to be limited to 3 square feet or less. Post asbestos abatement air testing will not be required. Asbestos abatement permitting will not be required. However, should extenuating circumstances require the asbestos abatement to exceed 3 square feet, the Village will compensate the Contractor accordingly for any permit fees and air testing as required by the State of Illinois. The Village shall be notified in advance of any abatement work anticipated to exceed 3 square feet.

Method of Measurement. The removal of asbestos shall be measured per Each property for WATER SERVICE (LEAD) – ASBESTOS ABATEMENT. No separate measurement shall be made for the labor, materials, equipment and proper disposal of asbestos material required for this work.

Basis of Payment. This work shall be paid for at the contract unit price per Each for WATER SERVICE (LEAD) – ASBESTOS ABATEMENT. Only one WATER SERVICE (LEAD) – ASBESTOS ABATEMENT each will be eligible for payment per address.

PAY ITEM #111 – WATER SERVICE (LEAD) – INTERIOR RESTORATION

Description. This work consists of the interior restoration of buildings to repair any damages caused by the lead water service replacement work.

General. Interior restoration shall include removal, disposal, and replacement of structural components of the flooring and/or walls as well as restoration of flooring materials, drywall, trim, paint, etc. The interior of each building shall be restored to preconstruction conditions or better. Contractor shall be responsible for documenting the pre-project condition of each building.

Videotaping (Interior and Exterior). The Contractor shall prepare preconstruction and post-construction video documentation of all home interior and exterior features that will be affected by lead water service replacements.

Video Requirements. Video camera recorders shall be HD format equipment. Preconstruction and post-construction video documentation shall consist of a series of high-resolution color audio-video tapes. All pertinent exterior features within the construction's zone of influence shall be shown in sufficient detail to document their preconstruction and post-construction condition. Features to be shown shall include but not be limited to pavements, curbs, driveways, sidewalks, landscape retaining walls, buildings, landscaping trees, shrubbery, fences, light posts, etc. View orientation shall be maintained by audio commentary on the audio track of each video to help explain what is being viewed. The Contractor will be held liable for any damages that are not shown on the pre-construction video.

For interior videotaping, the Contractor shall document all areas affected by the proposed work including existing foundation or slab cracks, or other existing damage. Video shall also be obtained following restoration of the building interior.

Deliverable. The Contractor shall provide two thumb drives each of the preconstruction and post-construction videos to the Engineer. Any video(s) that is/are deemed incomplete (or of poor quality) by the Engineer shall be corrected by the Contractor.

All labor, materials and equipment necessary to completely restore the interior of buildings with interior lead service replacement work to preconstruction conditions or better as specified shall be included in this item. All pre and post construction videotaping shall be included in this item.

Method of Measurement and Basis of Payment. This work shall be paid for at the contract unit price per each building / residence for WATER SERVICE (LEAD) – INTERIOR RESTORATION.

PAY ITEMS #112-115 – WATER SERVICE, PUBLIC

Description. This work shall consist of installing new copper water service connections and lines, complete in place from the water main to the existing water service line behind the curb stop, as shown on the plans or as directed by the Engineer. This work shall be in accordance with Section 561, Section 562, Section 563, and Section 565 of the Standard Specifications and with the Water and Sewer Specifications, except as modified herein.

Short water services shall be defined as those services for properties which are located adjacent to the half of the right-of-way where the water main is located. Long water services shall be defined as those services for properties which are located adjacent to the half of the right-of-way opposite where the water main is located.

Materials.

Water service line pipe shall be Type "K" seamless copper water tubing conforming to ASTM B88, of the diameter specified. The pipe shall be marked with the manufacturer's name or trademark and with markings indicating the type of the pipe.

Repair sleeves shall be Smith-Blair full circle repair clamps.

Corporation stops shall be Mueller 300 Ball Corporation Valve Model B-25000N with AWWA taper (Mueller "CC") thread inlet and copper flare straight connection outlet.

Tapping saddles shall be Smith-Blair 317 double strap ductile iron service saddles with TaperSeal gaskets and wraparound 304 stainless steel straps.

Curb stops shall be Mueller 300 Ball Curb Valve Model B-25154 with copper flare nuts on both ends, quarter turn check, and Minneapolis pattern thread top.

Curb boxes shall be in accordance with the special provision WATER SERVICE CURB BOX.

Water service line couplings shall be Mueller H-15400 straight three-part unions with copper flare nuts on both ends, conforming to ANSI/AWWA C800, of the size needed.

All materials furnished as a part of this work shall comply with the latest requirements of the Federal Safe Drinking Water Act.

Construction.

Prior to ordering materials, the Contractor shall locate all existing water service lines within the project area.

Where an existing water service is to be replaced, the contractor shall expose and remove the existing corporation stop. The contractor shall furnish a Smith-Blair circle repair sleeve of the appropriate diameter and of sufficient length and shall install it on the water main.

The Engineer may direct that the existing corporation stop does not need to be removed. In such instances, the existing corporation stop shall be turned off, the existing water service line pipe shall be disconnected from the corporation stop, and a threaded cap of the appropriate diameter and thread size shall be furnished and installed on the existing corporation stop.

Where sleeves are to be installed, such installation shall be completed with the main shut off and not under pressure.

Water services that are 1 in. in diameter shall be direct tapped unless directed otherwise by the Engineer. Water services that are 1-½ in. in diameter shall be constructed with a tapping saddle.

Where services are to be direct tapped, Contractor shall make a new connection to the water main using a tapping machine satisfactory to the Engineer. Contractor shall furnish and install a new corporation stop of the appropriate diameter on the water main. The Engineer may require that the Contractor furnish and install a tapping sleeve of the appropriate size if needed.

Contractor shall install a new water service line pipe from the corporation stop to the location of the existing curb box, or to such other location as shown in the plans or as directed by the Engineer. A single piece of copper water tubing of sufficient length to

extend the full distance from the water main to the curb stop shall be utilized. Splicing of multiple sections of copper water tubing will not be permitted.

The new water service line and all components shall be installed a minimum of 5.5 ft. below finished grade. Where other utilities are encountered, the new water service line shall be located so that a minimum of 18 in. of clearance exists in all directions between the new water service line and all other utilities. Where the new water service line crosses other utilities, if installation of the new water service line above the utility being crossed would result in any portion of the new water service line being less than 5.5 ft. below finished grade, the new water service line shall be installed below the utility being crossed.

The new water service line and all components shall be placed on a bedding of crushed aggregate of CA-7 or CA-11 gradation having a minimum thickness of 4 in. The bedding shall be placed to a minimum of 12 in. above the water service line.

Contractor shall furnish and install a new curb stop of the appropriate diameter. Contractor shall connect the new curb stop to the existing water service line behind the curb stop. If the existing water service line behind the curb stop is of a different material or diameter than the new water service line being installed, a section of new copper water service line shall be installed behind the curb stop. The existing water service line shall then be cut by an approved method, and the end of the existing water service line shall be joined to the new water service line with a water service line coupling of the appropriate type and size.

In addition to all materials listed, Contractor shall also furnish and install all other necessary fittings, adapters, hardware, and materials necessary to complete the work as described.

Excavation, bedding, and backfilling of water service connections and lines will not be paid for separately, but shall be included in the cost of this work.

Method of Measurement. This work will be measured for payment as each water service connection and line installed, regardless of the length of the water service line, the depth of the water service line, conflicts with other utilities, or any other factors. No separate measurement will be made of pipe, fittings, couplings, stops, valves, or other components.

Basis of Payment. This work will be paid for at the contract unit price per each for WATER SERVICE, PUBLIC (LONG), of the diameter specified, or WATER SERVICE, PUBLIC (SHORT), of the diameter specified.

Curb boxes will be paid for in accordance with the special provision WATER SERVICE CURB BOX.

PAY ITEM #116 – WATER SERVICE CURB BOX

Description. This work shall consist of furnishing and installing water service curb boxes. This work shall be in accordance with Section 561, Section 562, Section 563, and Section 565 of the Standard Specifications and with the Water and Sewer Specifications, except as modified herein.

This work may consist of either the standalone installation of a water service curb box on an existing water service, or the installation of a water service curb box on a new water service in conjunction with the installation of the new water service.

Materials. Curb boxes shall be Mueller extension type curb box Model H-10302 with Minneapolis pattern base, 1-½ in. inside diameter, and 2-½ in. base tapping diameter.

All bolts, tie rods, nuts, washers, and other hardware and fasteners to be installed below grade shall be stainless steel. Bolts and tie rods shall be Type 304 stainless steel. Nuts and washers shall be Type 300 stainless steel.

All materials furnished as a part of this work shall comply with the latest requirements of the Federal Safe Drinking Water Act.

Construction. The water service curb box shall be placed on a bedding of crushed aggregate of CA-7 or CA-11 gradation having a minimum thickness of 4 in. The bedding shall be placed to a minimum of 12 in. above the water service line and fittings.

Contractor shall furnish and install a new curb box. Contractor shall remove the existing curb box if present. Contractor shall install a piece of lath or timber marked with blue paint adjacent to the new curb box to identify its location until final restoration takes place. Contractor shall adjust the new curb box to finished grade immediately before the placement of sodding or seeding, or the completion of any other final restoration measures. Contractor shall remove the lath or timber after the completion and acceptance of final restoration measures.

Excavation, bedding, and backfilling will not be paid for separately but shall be included in the cost of this work.

Method of Measurement. This work will be measured for payment as each water service curb box installed, regardless of the depth of the connection, the number or type of fittings required, or any other factors. No separate measurement will be made of fittings, couplings, hardware, or any other components.

Basis of Payment. This work will be paid for at the contract unit price per each for WATER SERVICE CURB BOX.

PAY ITEM #117 – WATER SERVICE EXPLORATION TRENCH

Description. This work shall consist of constructing a trench for the purpose of inspecting and determining the material type of existing water service lines. All known water service lines within the project area will be inspected unless otherwise specified on the plans or directed by the Engineer. This work shall be in accordance with Section 213, Section 561, Section 562, Section 563, and Section 565 of the Standard Specifications and with the Water and Sewer Specifications, except as modified herein.

Materials. Backfill material shall be crushed aggregate of CA-7 or CA-11 gradation.

Construction. Construction of the water service exploration trench shall commence at the curb box and shall continue vertically until it reaches a depth such that the curb stop is fully exposed. After the curb stop has been exposed, the exploration trench shall be extended horizontally along the centerline of the existing water service line for a minimum of 3 ft. in either direction from the curb stop, or until the trench extends to within 1 ft. of pavement that is to remain in place following construction, whichever comes first.

The entire length of the existing water service line within the trench shall be sufficiently cleaned of debris so as to expose any couplings, fittings, material changes, size changes, or other conditions that may be deemed to be of interest by the Engineer.

The trench shall remain open until the Engineer has visually inspected the existing water service line, made determinations as to the material type of the existing water service line, and has fully documented existing conditions.

In the event that the Engineer is not immediately available to inspect the water service line upon completion of the trench, the trench shall be adequately barricaded and protected until the Engineer completes the inspection.

When directed by the Engineer, the trench shall be backfilled with crushed aggregate of CA-7 or CA-11 gradation to an elevation not less than 3 in. below finished grade.

Excavation, disposal of excavated materials, and backfilling of water service exploration trenches will not be paid for separately, but shall be included in the cost of this work.

Method of Measurement. This work will be measured for payment as each water service exploration trench constructed, regardless of the length of the trench constructed or the depth of the trench constructed.

Basis of Payment. This work will be paid for at the contract unit price per each for WATER SERVICE EXPLORATION TRENCH.

PAY ITEM #118 – WATER SERVICE LINE (PRIVATE) – LEAD SERVICE REPLACEMENT

Description. This work shall consist of the replacement of lead water services on the private side of the curb stop as designed herein.

General. Where existing lead services are encountered on private property, exterior private water services shall be completely replaced regardless of whether the existing service is located in the front yard or side yard. For any property where an existing private lead water service is encountered, the service shall be replaced as follows:

A) Where the water meter is located inside the house, the private service shall be replaced from the b-box to the existing shut-off valve or 18-inches inside of the house. If there is no shut-off valve, the Contractor shall install a valve that meets the requirements of the current Illinois Plumbing Code. Water meters shall not be replaced.

B) Where the water meter is located outside the house, the lead service shall be replaced from the b-box, thru the meter, to the nearest interior shut off valve or 18 inches inside of the house, whichever is closer. If there is no shut-off valve, the contractor shall install a valve that meets the requirements of current Illinois Plumbing Code. The water meter shall not be replaced.

Construction Requirements. All work shall be performed in accordance with ANSI/AWWA Standard C810-17, Replacement and Flushing of Lead Service Lines and the Illinois Plumbing Code.

Prior to ordering materials, the Contractor shall locate any existing water service lines within the project area.

The Contractor is responsible for coordinating work access agreements from the property owners prior to the start of work

The Contractor shall install the water service pipe to the water meter by method of trenchless installation. The water service shall be one continuous length. The use of couplings, joints, etc. will not be allowed. If the Contractor plans on using the pipe pulling method, he/she shall have a horizontal directional drill on site in the event the pipe pulling method is unsuccessful. Upon approval of the Engineer, the Contractor may install the water service pipe in an open trench. If an open trench is utilized, the trench shall be backfilled with excavated material. The excavated material shall be compacted in 12-inch lifts to the satisfaction of the Engineer.

The water service material shall be 1-inch diameter Type K copper Splicing of the water service pipe will not be permitted.

Coring of concrete floor slabs and foundation walls shall comply with the following:

Coring of Concrete Floor Slabs

For buildings without basements, the Contractor shall core drill the concrete floor slab to allow for penetration of the water service pipe. The use of breakers or concrete saws to cut through the floor slab will not be allowed. The Contractor shall exercise caution to prevent damage to the floor slab caused by the coring operation. After all work is completed, the cored hole shall be completely sealed with hydraulic cement to prevent water infiltration. The hydraulic cement shall be a high-quality, engineer approved material.

Coring of Foundation Walls

For houses with basements, the service will be installed through the foundation/basement wall in lieu of the basement floor unless otherwise directed by the Engineer. The Contractor will be allowed to core drill through the basement wall as part of the same trenchless installation operation of the private service. If the Contractor is unable to perform this task, either by lack of satisfactory performance (as determined by the Village) or existing condition limitations, the service will be installed through the basement wall as follows:

An exterior pit shall be hand excavated. Hydro excavation will not be allowed. The Contractor shall core drill the existing foundation wall to allow for the penetration of the water service pipe.

The interior and exterior of the cored hole shall be completely sealed with hydraulic cement to prevent water infiltration. The hydraulic cement shall be a high-quality, engineer approved material. If the cored hole is exposed on the outside of the building, a coating of roof cement shall be added to the exterior of the foundation wall and should completely coat the seams of the cored hole. The Contractor shall exercise caution to prevent damage to the foundation caused by the coring operation. Upon completion of all work, the exterior pit shall be backfilled with excavated material compacted in 12-inch lifts.

The existing water meter shall remain and shall not be removed. All material necessary to connect the new water service to the existing plumbing shall be provided and installed by the Contractor's licensed plumber. All interior water service pipe material shall be type "L" copper pipe; 1-inch diameter on the upstream side of the meter; ¾-inch size (or match existing) on the downstream side of the meter, as necessary. The Contractor is responsible for any modifications to the interior plumbing necessary to install the new water service.

The Contractor shall be responsible for removing and properly disposing of any debris generated by the work on the interior and exterior of the home, including any obsolete

lead plumbing material generated by the internal plumbing work. If it is necessary to move fixtures to complete the work, they shall be placed in their original location after completion of the work.

This work shall also include abandoning the exterior lead water service. The lead water service line shall be cut, capped, and abandoned in place

Restoration. All landscape and hardscape removal and restoration shall be included in this item. This shall include, but not be limited to, removal and replacement of existing decks, sidewalks, patios, decorative landscaping, grassed areas, walkways, trees, bushes etc., required to install the private water service. No separate payment shall be allowed for these items and the Village's intent is to minimize private property impacts through the use of trenchless installations. All private property shall be restored to pre-construction conditions or better. All grassed areas shall be restored with a minimum of 4" of topsoil and sodding, unless otherwise directed by the Engineer.

The private water layout shall be approved by the Engineer prior to installation. The bid price for this item shall include the cost of all work to be done on private property for each private water service.

The public portion of the water service (i.e. portion located with the public ROW) shall be installed and paid for in accordance with the special provision for WATER SERVICE, PUBLIC.

Basis of Payment. This work shall be paid for at the contract unit price per foot for WATER SERVICE LINE (PRIVATE) – LEAD SERVICE REPLACEMENT.

PAY ITEM #119 – WATER USAGE CREDIT

Description. Pay items are provided as a part of this contract for the purpose of documenting the quantity of water obtained from the Village by the Contractor.

If the Contractor elects to obtain water from the Village, the Contractor shall comply with the Special Provision USE OF FIRE HYDRANTS. The quantity of water obtained from the Village by the Contractor shall be deducted from the contract as WATER USAGE DEDUCTION, and shall be credited to the contract as WATER USAGE CREDIT.

The WATER USAGE CREDIT pay item for this contract has been established with a unit of measurement in thousands of gallons (TGAL), a quantity of one-hundred (100.00), and a contract unit price of eight dollars and eighty-five cents ($8.85), for a total WATER USAGE CREDIT contract price of eight-hundred eighty-five dollars and no cents ($885.00). Bidder, in submitting a bid, accepts the quantity, contract unit price, and total contract price of the WATER USAGE CREDIT pay item.

Method of Measurement. Water usage will be measured as the actual quantity of water obtained from the Village by the Contractor, which quantity shall be rounded up to the nearest 1,000 gallons.

Basis of Payment. The water usage credit will be paid for at the contract unit price per thousand gallons (TGAL) for WATER USAGE CREDIT. The quantity paid for as WATER USAGE CREDIT will be equal to the quantity deducted as WATER USAGE DEDUCTION.

PAY ITEM #120 – WATER USAGE DEDUCTION

Description. Pay items are provided as a part of this contract for the purpose of documenting the quantity of water obtained from the Village by the Contractor.

If the Contractor elects to obtain water from the Village, the Contractor shall comply with the Special Provision USE OF FIRE HYDRANTS. The quantity of water obtained from the Village by the Contractor shall be deducted from the contract as WATER USAGE DEDUCTION, and shall be credited to the contract as WATER USAGE CREDIT.

The WATER USAGE DEDUCTION pay item for this contract has been established with a unit of measurement in thousands of gallons (TGAL), a quantity of one-hundred (100.00), and a contract unit price of a deduction of eight dollars and eighty-five cents ($8.85), for a total WATER USAGE DEDUCTION contract price of a deduction of eight-hundred eighty-five dollars and no cents ($885.00). Bidder, in submitting a bid, accepts the quantity, contract unit price, and total contract price of the WATER USAGE DEDUCTION pay item.

Method of Measurement. Water usage will be measured as the actual quantity of water obtained from the Village by the Contractor, which quantity shall be rounded up to the nearest 1,000 gallons.

Basis of Payment. The water usage deduction will be deducted at the contract unit price per thousand gallons (TGAL) for WATER USAGE DEDUCTION. The quantity deducted as WATER USAGE DEDUCTION will be equal to the quantity paid for as WATER USAGE CREDIT.

APPENDIX A

VILLAGE OF VILLA PARK ORDINANCE 3733

Ordinance No. 3733

AN ORDINANCE OF THE VILLAGE OF VILLA PARK, DUPAGE COUNTY, ILLINOIS AMENDING THE REQUIREMENTS OF BIDDERS FOR CONSTRUCTION PROJECTS

WHEREAS, the Village of Villa Park (the "*Village*") is a duly organized and validly existing non home-rule municipality created in accordance with the Constitution of the State of Illinois of 1970 and the laws of the State; and,

WHEREAS, section 8-9-1 of the Illinois Municipal Code (65 ILCS 5/8-9-2) allows the Village to require competitive bidding after advertising for bids in the manner prescribed by ordinance; and,

WHEREAS, the President and Board of Trustees desire to adopt purchasing procedures to provide for additional requirements of bidders for construction projects to have active apprenticeship and training programs approved and registered with the United States Department of Labor's Bureau of Apprenticeship and Training and to have bidders show three similar projects they constructed within the last five years.

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Village of Villa Park, DuPage County, Illinois, as follows:

Section 1. That Section 2-219 of the Villa Park Municipal Code, as amended, be and is hereby amended by placing the existing text as subsection A. and adding a new subsection B. to read as follows:

"B. A responsible bidder for the construction of public works projects shall meet and submit evidence of compliance with the following requirements:

(1) All applicable laws prerequisite to doing business in the State of Illinois,
(2) A federal employer tax identification number or social security number,
(3) Provision of Section 2000(e) of Chapter 21, Title 42 of the United States Code and Federal Executive Order No. 11246 as amended by Executive Order No. 11375 (known as the Equal Opportunity Employer provisions),
(4) Certificates of insurance indicating the following coverage's: general liability, worker's compensation, completed operations, automobile, hazardous occupation and product liability
(5) Compliance with all provisions of the Illinois Prevailing Wage Act, including wages, medical and hospitalization insurance and retirement for those trades covered in the Act,
(6) The bidder and all bidder's sub-contractors must participate in active apprenticeship and training programs approved and registered with the United States Department of Labor's Bureau of Apprenticeship and Training for each of the trades of work contemplated under the proposed contract,
(7) All contractors and sub-contractors are required to file certified payrolls as specified in Illinois Pubic Act 94-0515, and follow all provisions of the Employee Classification Act (820 ILCS 185/1 et seq.), and

(8) All bidders must provide three (3) projects of a similar nature constructed in the immediate past five (5) years with the name, address and telephone number of the contact person having knowledge of the project along with three (3) references (name, address, and telephone number) with knowledge of the integrity and business practices of the bidder."

Section 2. This Ordinance shall be in full force and effect upon its passage, approval, and publication as provided by law.

Passed this 11 day of February, 2013.

AYES: ALL

NAYS: Aiello Bulthuis

ABSENT: _____

Approved this 11 day of February, 2013.

Village President

Attest:
Village Clerk

VILLAGE OF VILLA PARK CORPORATE SEAL DU PAGE COUNTY, ILL.

Published in pamphlet form:

2-11, 2013

APPENDIX B

IRMA CONTRACTUAL INSURANCE GUIDELINES

IRMA
CONTRACTUAL INSURANCE GUIDELINES

I. INSURANCE REQUIREMENTS

Contractor shall procure and maintain, for the duration of the contract, insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees or subcontractors.

MINIMUM SCOPE OF INSURANCE

Coverage shall be at least as broad as:

A. Insurance Services Office Commercial General Liability occurrence form CG 0001 with the member named as additional insured, on a form at least as broad as the attached sample endorsement including ISO Additional Insured Endorsement CG 2010 (Exhibit A), CG 2026 (Exhibit B).

CG2037 - Completed Operations – (Exhibit C)
Required if box is checked ☒ ; and

B. Owners and Contractors Protective Liability (OCP) policy with the member as insured
Required if box is checked ☒ ; and

C. Insurance Service Office Business Auto Liability coverage form number CA 0001, Symbol 01 "Any Auto."

D. Workers' Compensation as required by the Workers' Compensation Act of the State of Illinois and Employers' Liability insurance.
Coverage required for employee exposure to lead, if box is checked ☒

E. Builder Risk Property Coverage with member as loss payee
Required if box is checked ☐.

F. Environmental Impairment/Pollution Liability Coverage for pollution incidents as a result of a claim for bodily injury, property damage or remediation costs from an incident at, on or migrating beyond the contracted work site. Coverage shall be extended to Non-Owned Disposal sites resulting from a pollution incident at, on or mitigating beyond the site; and also provide coverage for incidents occurring during transportation of pollutants.
Required if box is checked ☐.

MINIMUM LIMITS OF INSURANCE

Contractor shall maintain limits no less than the following, **if required under above scope**:

A. Commercial General Liability: $1,000,000 combined single limit per occurrence for bodily injury, and property damage and $1,000,000 per occurrence for personal injury. The general aggregate shall be twice the required occurrence limit.

Minimum General Aggregate shall be no less than $2,000,000 or a project/contract specific aggregate of $1,000,000.

B. Owners and Contractors Protective Liability (OCP): $1,000,000 combined single limit per occurrence for bodily injury and property damage.

C. Business Automobile Liability: $1,000,000 combined single limit per accident for bodily injury and property damage.

D. Workers' Compensation and Employers' Liability: Workers' Compensation coverage with statutory limits and Employers' Liability limits of $500,000 per accident.

E. Builder's Risk: Shall insure against "All Risk" of physical damage, including water damage (flood and hydrostatic pressure not excluded), on a completed replacement cost basis.

F. Environmental Impairment/Pollution Liability: $1,000,000 combined single limit per occurrence for bodily injury, property damage and remediation costs.

DEDUCTIBLES AND SELF-INSURED RETENTIONS

Any deductibles or self-insured retentions must be declared to and approved by the member. At the option of the member, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the member, its officials, employees, agents and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigation, claim administration and defense expenses.

OTHER INSURANCE PROVISIONS

The policies are to contain, or be endorsed to contain, the following provisions:

A. General Liability and Automobile Liability Coverages

1. The member, its officials, agents, employees and volunteers are to be covered as additional insureds as respects: liability arising out of the Contractor's work, including activities performed by or on behalf of the Contractor; products and completed operations of the Contractor; premises owned, leased or used by the Contractor; or automobiles owned, leased, hired or borrowed by the Contractor. The coverage shall contain no special limitations on the scope of protection afforded to the member, its officials, agents, employees and volunteers.

2. The Contractor's insurance coverage shall be primary as respects the member, its officials, employees, agents and volunteers. Any insurance or self-insurance maintained by the member, its officials, agents, employees and volunteers shall be excess of Contractor's insurance and shall not contribute with it.

3. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the member, its officials, employees, agents and volunteers.

4. The Contractor's insurance shall contain a Severability of Interests/Cross Liability clause or language stating that Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought,

except with respect to the limits of the insurer's liability.

5. If any commercial general liability insurance is being provided under an excess or umbrella liability policy that does not "follow form," then the Contractor shall be required to name the member, its officials, employees, agents and volunteers as additional insureds.

6. All general liability coverages shall be provided on an occurrence policy form. Claims-made general liability policies will not be accepted.

7. The contractor and all subcontractors hereby agree to waive any limitation as to the amount of contribution recoverable against them by member. This specifically includes any limitation imposed by any state statute, regulation, or case law including any Workers' Compensation Act provision that applies a limitation to the amount recoverable in contribution such as Kotecki v. Cyclops Welding.

B. Workers' Compensation and Employers' Liability Coverage

The insurer shall agree to waive all rights of subrogation against the member, its officials, employees, agents and volunteers for losses arising from work performed by Contractor for the municipality.

1. NCCI Alternate Employer Endorsement (WC 000301) in place to insure that workers' compensation coverage applies under contractor's coverage rather than member's if the member is borrowing, leasing or in day to day control of contractors employee.
Required if box is checked ☐.

C. Professional Liability (Required if box is checked ☐)

1. Professional liability insurance with limits not less than $1,000,00 each claim with respect to negligent acts, errors and omissions in connection with professional services to be provided under the contract, with a deductible not-to-exceed $50,000 without prior written approval.

2. If the policy is written on a claims-made form, the retroactive date must be equal to or preceding the effective date of the contract. In the event the policy is cancelled, non-renewed or switched to an occurrence form, the Contractor shall be required to purchase supplemental extending reporting period coverage for a period of not less than three (3) years.

3. Provide a certified copy of actual policy for review.

4. Recommended Required Coverage (architect, engineer, surveyor, consultant): Professional liability insurance that provides indemnification and defense for injury or damage arising out of acts, errors, or omissions in providing the following professional services, but not limited to the following:

   a. Preparing, approving or failure to prepare or approve maps, drawings, opinions, report, surveys, change orders, designs or specifications;

   b. Providing direction, instruction, supervision, inspection, engineering services

or failing to provide them, if that is the primary cause of injury or damage.

D. All Coverages

Each insurance policy required shall have the member expressly endorsed onto the policy as a Cancellation Notice Recipient. Should any of the policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions.

ACCEPTABILITY OF INSURERS

Insurance is to be placed with insurers with a Best's rating of no less than A-, VII and licensed to do business in the State of Illinois.

VERIFICATION OF COVERAGE

Contractor shall furnish the member with certificates of insurance naming the member, its officials, employees, agents and volunteers as additional insureds (Exhibit D), and with original endorsements affecting coverage required by this clause. 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 member before any work commences. The following additional insured endorsements may be utilized: ISO Additional Insured Endorsements CG 2010 (Exhibit A) or CG 2026 (Exhibit B), and CG 2037 (Exhibit C) – Completed Operations, where required. The member reserves the right to request full certified copies of the insurance policies and endorsements.

SUBCONTRACTORS

Contractor shall include all subcontractors as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to all of the requirements stated herein.

ASSUMPTION OF LIABILITY

The contractor assumes liability for all injury to or death of any person or persons including employees of the contractor, any sub-contractor, 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 this agreement.

II. INDEMNITY/HOLD HARMLESS PROVISION

To the fullest extent permitted by law, the Contractor hereby agrees to defend, indemnify and hold harmless the member, its officials, employees and agents against all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, judgments, cost and expenses, which may in anywise accrue against the member, its officials, agents and employees, arising in whole or in part or in consequence of the performance of this work by the Contractor, its employees, or subcontractors, or which may in anywise result therefore, except that arising out of the sole legal cause of the member, its employees or agents, the Contractor shall, at its own expense, appear, defend and pay all charges of attorneys and all costs and other expenses arising therefore or incurred in connections therewith, and, if any judgment shall be rendered against the member, its officials, employees and agents, in

any such action, the Contractor shall, at its own expense, satisfy and discharge the same.

Contractor expressly understands and agrees that any performance bond or insurance policies required by this contract, or otherwise provided by the Contractor, shall in no way limit the responsibility to indemnify, keep and save harmless and defend the member, its officials, employees and agents as herein provided.

The Contractor further agrees that to the extent that money is due the Contractor by virtue of this contract as shall be considered necessary in the judgment of the member, may be retained by the member to protect itself against said loss until such claims, suits, or judgments shall have been settled or discharged and/or evidence to that effect shall have been furnished to the satisfaction of the member.

III. SAFETY/LOSS PREVENTION

Safety/Loss Prevention Program Requirements

- Successful bidder will provide written confirmation that a safety/loss prevention program was in place at least 90 days prior to submitting the bid proposal.

- Evidence of completed employee safety training can be provided.

Regulatory Requirements

- Successful bidder must comply with all applicable laws, regulations, and rules promulgated by any Federal, State, County, Municipal and/or other governmental unit or regulatory body now in effect or which may be in effect during the performance of the work. Included within the scope of the laws, regulations, and rules referred to in this paragraph but in no way to operate as a limitation, are Occupational Safety & Health Act (OSHA), Illinois Department of Labor (IDOL), Department of Transportation, all forms of traffic regulations, public utility, Intrastate and Interstate Commerce Commission regulations, Workers' Compensation Laws, Prevailing Wage Laws, the Social Security Act of the Federal Government and any of its titles, the Illinois Department of Human Rights, Human Rights Commission, or EEOC statutory provisions and rules and regulations.

- Evidence of specific regulatory compliance will be provided by bidder, if required by owner.

EXHIBIT A

POLICY NUMBER:

COMMERCIAL GENERAL LIABILITY
CG 20 10 07 04

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):	Location(s) Of Covered Operations
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

SAMPLE

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

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EXHIBIT B

POLICY NUMBER:

COMMERCIAL GENERAL LIABILITY
CG 20 26 07 04

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – DESIGNATED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

SAMPLE

Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:

A. In the performance of your ongoing operations; or

B. In connection with your premises owned by or rented to you.

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EXHIBIT C

POLICY NUMBER:

COMMERCIAL GENERAL LIABILITY
CG 20 37 07 04

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):	Location And Description Of Completed Operations
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

SAMPLE

Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

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Exhibit D (Example)

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: Producer/Ins. Broker Contact Info.
Name of Insurance Broker	PHONE (A/C, No, Ext): FAX (A/C, No):
	E-MAIL ADDRESS:

INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A:	Name of Insurance Company	Completed
INSURER B:	Name of Insurance Company	Completed
INSURER C:		
INSURER D:		
INSURER E:		
INSURER F:		

INSURED: Name of Contractor

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE / OCCUR Owners & Cont. Prot. (OCP) if requested GEN'L AGGREGATE LIMIT APPLIES PER: X POLICY / PRO-JECT / LOC	Y	Y	Policy Number Inserted	Policy Start Date	Policy Start Date	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ 50,000 $ 5,000 $ 1,000,000 $ 2,000,000 $ 1,000,000
A	AUTOMOBILE LIABILITY X ANY AUTO ALL OWNED AUTOS / SCHEDULED AUTOS HIRED AUTOS / NON-OWNED AUTOS			Policy Number Inserted	Policy Start Date	Policy Start Date	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $
A	X UMBRELLA LIAB / X OCCUR EXCESS LIAB / CLAIMS-MADE DED / RETENTION $	Y	Y	Policy Number Inserted	Policy Start Date	Policy Start Date	EACH OCCURRENCE AGGREGATE	$ Per Request $ Per Request
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N: N If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	Y	Policy Number Inserted	Policy Start Date	Policy Start Date	X WC STATU-TORY LIMITS / OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ 500,000 $ 500,000 $ 500,000
	Professional Liability (other specialty coverages as requested)			Policy Number Inserted	Policy Start Date	Policy start Date	$1,000,000 per occurrence or as requested	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

List project number, location and description.
No additional endorsements limit coverage to additional insured beyond terms of actual additional insured endorsement (CG 2010 or CG 2026). Coverage to additional insured is primary. Additional Insured: Member, its officials, employees, agents and volunteers.
* Member named as cancellation notice recipient.

CERTIFICATE HOLDER

Name of Member

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. *

AUTHORIZED REPRESENTATIVE

Signature of authorized insurance company representative

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APPENDIX C

INDEX FOR SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

CHECK SHEET FOR RECURRING SPECIAL PROVISIONS

CHECK SHEET FOR LOCAL ROADS & STRETS RECURRING SPECIAL PROVISIONS

BDE SPECIAL PROVISIONS

SPECIAL PROVISION FOR INSURANCE (LR 107-4)

SPECIAL PROVISION FOR EQUIPMENT RENTAL RATES (LR 109)

INDEX
FOR
SUPPLEMENTAL SPECIFICATIONS
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2024

This index contains a listing of SUPPLEMENTAL SPECIFICATIONS, frequently used RECURRING SPECIAL PROVISIONS, and LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS.

ERRATA Standard Specifications for Road and Bridge Construction
(Adopted 1-1-22) (Revised 1-1-24)

SUPPLEMENTAL SPECIFICATIONS

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407	Hot-Mix Asphalt Pavement (Full-Depth)	5
420	Portland Cement Concrete Pavement	6
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509	Metal Railings	8
540	Box Culverts	9
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CONTRACT

Illinois Department of Transportation

Check Sheet for Recurring Special Provisions

Local Public Agency	County	Section Number
Village of Villa Park	DuPage	

☐ **Check this box for lettings prior to 01/01/2024.**

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

Recurring Special Provisions

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18	☐	Temporary Portable Bridge Traffic Signals	106
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20	☐	English Substitution of Metric Bolts	109
21	☐	Calcium Chloride Accelerator for Portland Cement Concrete	110
22	☐	Quality Control of Concrete Mixtures at the Plant	111
23	☒	Quality Control/Quality Assurance of Concrete Mixtures	119
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28	☐	Portland Cement Concrete Inlay or Overlay	141
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30	☐	Longitudinal Joint and Crack Patching	148
31	☐	Concrete Mix Design - Department Provided	150
32	☐	Station Numbers in Pavements or Overlays	151

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Local Public Agency	County	Section Number
Village of Villa Park	DuPage	CONTRACT

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**	153
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BDE SPECIAL PROVISIONS
For the November 8, 2024 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 Bureau of Design & Environment (BDE).

	File Name	#		Special Provision Title	Effective	Revised
	80099	1	☐	Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2022
	80274	2	☐	Aggregate Subgrade Improvement	April 1, 2012	April 1, 2022
	80192	3	☐	Automated Flagger Assistance Devices	Jan. 1, 2008	April 1, 2023
	80173	4	☐	Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
	80426	5	☐	Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	Jan. 1, 2022
*	80241	6	☐	Bridge Demolition Debris	July 1, 2009	
*	5053I	7	☐	Building Removal	Sept. 1, 1990	Aug. 1, 2022
*	5026I	8	☐	Building Removal with Asbestos Abatement	Sept. 1, 1990	Aug. 1, 2022
	80449	9	☒	Cement, Type IL	Aug. 1, 2023	
	80384	10	☐	Compensable Delay Costs	June 2, 2017	April 1, 2019
*	80198	11	☐	Completion Date (via calendar days)	April 1, 2008	
*	80199	12	☐	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80453	13	☐	Concrete Sealer	Nov. 1, 2023	
	80261	14	☒	Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
	80434	15	☒	Corrugated Plastic Pipe (Culvert and Storm Sewer)	Jan. 1, 2021	
*	80029	16	☐	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Mar. 2, 2019
	80229	17	☐	Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
	80452	18	☐	Full Lane Sealant Waterproofing System	Nov. 1, 2023	
	80447	19	☐	Grading and Shaping Ditches	Jan. 1, 2023	
	80433	20	☐	Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
	80443	21	☐	High Tension Cable Median Barrier Removal	April 1, 2022	
	80456	22	☒	Hot-Mix Asphalt	Jan. 1, 2024	
	80446	23	☐	Hot-Mix Asphalt - Longitudinal Joint Sealant	Nov. 1, 2022	Aug. 1, 2023
	80438	24	☐	Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	April 2, 2024
	80045	25	☐	Material Transfer Device	June 15, 1999	Jan. 1, 2022
	80450	26	☐	Mechanically Stabilized Earth Retaining Walls	Aug. 1, 2023	
	80441	27	☐	Performance Graded Asphalt Binder	Jan. 1, 2023	
	80451	28	☒	Portland Cement Concrete	Aug. 1, 2023	
	80459	29	☐	Preformed Plastic Pavement Marking	June 2, 2024	
*	3426I	30	☐	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
	80455	31	☐	Removal and Disposal of Regulated Substances	Jan. 1, 2024	April 1, 2024
	80445	32	☐	Seeding	Nov. 1, 2022	
	80457	33	☐	Short Term and Temporary Pavement Markings	April 1, 2024	April 2, 2024
	80448	34	☐	Source of Supply and Quality Requirements	Jan. 2, 2023	
	80340	35	☐	Speed Display Trailer	April 2, 2014	Jan. 1, 2022
	80127	36	☐	Steel Cost Adjustment	April 2, 2004	Jan. 1, 2022
	80397	37	☐	Subcontractor and DBE Payment Reporting	April 2, 2018	
	80391	38	☐	Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
	80437	39	☐	Submission of Payroll Records	April 1, 2021	Nov. 2, 2023
	80435	40	☐	Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2023
	80410	41	☐	Traffic Spotters	Jan. 1, 2019	
*	20338	42	☐	Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
	80429	43	☐	Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
	80439	44	☒	Vehicle and Equipment Warning Lights	Nov. 1, 2021	Nov. 1, 2022
	80458	45	☐	Waterproofing Membrane System	Aug. 1, 2024	
	80302	46	☐	Weekly DBE Trucking Reports	June 2, 2012	Nov. 1, 2021
	80454	47	☐	Wood Sign Support	Nov. 1, 2023	
	80427	48	☒	Work Zone Traffic Control Devices	Mar. 2, 2020	
*	80071	49	☐	Working Days	Jan. 1, 2002	

Highlighted items indicate a new or revised special provision for the letting.

An * indicates the special provision requires additional information from the designer, which needs to be submitted separately. The Project Coordination and Implementation Section will then include the information in the applicable special provision.

The following special provisions are in the 2024 Supplemental Specifications and Recurring Special Provisions.

File Name	Special Provision Title	New Location(s)	Effective	Revised
80436	Blended Finely Divided Minerals	Articles 1010.01 & 1010.06	April 1, 2021	
80440	Waterproofing Membrane System	Article 1061.05	Nov. 1, 2021	

CEMENT, TYPE IL (BDE)

Effective: August 1, 2023

Add the following to Article 302.02 of the Standard Specifications:

"(k) Type IL Portland-Limestone Cement .....1001"

Revise Note 2 of Article 352.02 of the Standard Specifications to read:

"Note 2. Either Type I or Type IA portland cement or Type IL portland-limestone cement shall be used."

Revise Note 1 of Article 404.02 of the Standard Specifications to read:

"Note 1. The cement shall be Type I portland cement or Type IL portland-limestone cement."

Revise Article 1019.02(a) of the Standard Specifications to read:

"(a) Cement, Type I or IL .....1001"

80449

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

CORRUGATED PLASTIC PIPE (CULVERT AND STORM SEWER) (BDE)

Effective: January 1, 2021

Revise Tables IIIA and IIIB of Article 542.03 and the storm sewers tables of Article 550.03 of the Standard Specifications to read:

(SEE TABLES ON NEXT 10 PAGES)

"PIPE CULVERTS
TABLE IIIA: PLASTIC PIPE PERMITTED
FOR A GIVEN PIPE DIAMETER AND FILL HEIGHT OVER THE TOP OF THE PIPE

Nominal Diameter (in.)	Type 1 Fill Height: 3' and less, with 1' min					Type 2 Fill Height: Greater than 3', not exceeding 10'					Type 3 Fill Height: Greater than 10', not exceeding 15'					Type 4 Fill Height: Greater than 15', not exceeding 20'				
	PVC	CPVC	PE	CPE	CPP	PVC	CPVC	PE	CPE	CPP	PVC	CPVC	PE	CPE	CPP	PVC	CPVC	PE	CPE	CPP
10	X	QPL	X	QPL	NA	X	QPL	X	QPL	NA	X	QPL	X	QPL	NA	X	QPL	X	QPL	NA
12	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL
15	X	QPL	NA	QPL	QPL	X	QPL	NA	QPL	QPL	X	QPL	NA	QPL	QPL	X	QPL	NA	QPL	QPL
18	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL
21	X	QPL	NA	QPL	NA	X	QPL	NA	QPL	NA	X	QPL	NA	QPL	NA	X	QPL	NA	NA	NA
24	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL	X	QPL	X	NA	QPL
27	X	NA	NA	NA	NA	X	NA	NA	NA	NA	X	NA	NA	NA	NA	X	NA	NA	NA	NA
30	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL	X	QPL	X	NA	QPL
36	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL	X	QPL	X	NA	QPL
42	X	NA	X	QPL	QPL	X	NA	X	QPL	QPL	X	NA	X	NA	QPL	X	NA	X	NA	NA
48	X	NA	X	QPL	QPL	X	NA	X	QPL	QPL	X	NA	X	NA	QPL	X	NA	X	NA	NA
54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
60	NA	NA	NA	QPL	QPL	NA	NA	NA	QPL	QPL	NA	NA	NA	NA	QPL	NA	NA	NA	NA	NA

Notes:
PVC Polyvinyl Chloride Pipe
CPVC Corrugated Polyvinyl Chloride Pipe with a Smooth Interior
PE Polyethylene Pipe
CPE Corrugated Polyethylene Pipe with a Smooth Interior
CPP Corrugated Polypropylene Pipe with a Smooth Interior
X Permitted
QPL Permitted for the producers approved for that diameter in the Department's qualified product list
NA Not Acceptable

PIPE CULVERTS (metric)
TABLE IIIA: PLASTIC PIPE PERMITTED
FOR A GIVEN PIPE DIAMETER AND FILL HEIGHT OVER THE TOP OF THE PIPE

Nominal Diameter (mm)	Type 1 Fill Height: 1 m and less, with 0.3 m min. cover					Type 2 Fill Height: Greater than 1 m, not exceeding 3 m					Type 3 Fill Height: Greater than 3 m, not exceeding 4.5 m					Type 4 Fill Height: Greater than 4.5 m, not exceeding 6 m				
	PVC	CPVC	PE	CPE	CPP	PVC	CPVC	PE	CPE	CPP	PVC	CPVC	PE	CPE	CPP	PVC	CPVC	PE	CPE	CPP
250	X	QPL	X	QPL	NA	X	QPL	X	QPL	NA	X	QPL	X	QPL	NA	X	QPL	X	QPL	NA
300	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL
375	X	QPL	NA	QPL	QPL	X	QPL	NA	QPL	QPL	X	QPL	NA	QPL	QPL	X	QPL	NA	QPL	QPL
450	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL
525	X	QPL	NA	QPL	NA	X	QPL	NA	QPL	NA	X	QPL	NA	QPL	NA	X	QPL	NA	NA	NA
600	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL	X	QPL	X	NA	QPL
675	X	NA	NA	NA	NA	X	NA	NA	NA	NA	X	NA	NA	NA	NA	X	NA	NA	NA	NA
750	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL	X	QPL	X	NA	QPL
900	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL	X	QPL	X	QPL	QPL	X	QPL	X	NA	QPL
1050	X	NA	X	QPL	QPL	X	NA	X	QPL	QPL	X	NA	X	NA	QPL	X	NA	X	NA	NA
1200	X	NA	X	QPL	QPL	X	NA	X	QPL	QPL	X	NA	X	NA	QPL	X	NA	X	NA	NA
1350	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1500	NA	NA	NA	QPL	QPL	NA	NA	NA	QPL	QPL	NA	NA	NA	NA	QPL	NA	NA	NA	NA	NA

Notes:
- PVC Polyvinyl Chloride Pipe
- CPVC Corrugated Polyvinyl Chloride Pipe with a Smooth Interior
- PE Polyethylene Pipe
- CPE Corrugated Polyethylene Pipe with a Smooth Interior
- CPP Corrugated Polypropylene Pipe with a Smooth Interior
- X Permitted
- QPL Permitted for the producers approved for that diameter in the Department's qualified product list
- NA Not Acceptable

PIPE CULVERTS
TABLE IIIB: PLASTIC PIPE PERMITTED
FOR A GIVEN PIPE DIAMETER AND FILL HEIGHT OVER THE TOP OF THE PIPE

Nominal Diameter (in.)	Type 5					Type 6			Type 7		
	Fill Height: Greater than 20', not exceeding 25'					Fill Height: Greater than 25', not exceeding 30'			Fill Height: Greater than 30', not exceeding 35'		
	PVC	CPVC	PE	CPE	CPP	PVC	CPVC	PE	PVC	CPVC	PE
10	X	QPL	X	QPL	NA	X	QPL	X	X	QPL	X
12	X	QPL	X	QPL	QPL	X	QPL	X	X	QPL	X
15	X	QPL	NA	NA	QPL	X	QPL	NA	X	QPL	NA
18	X	QPL	X	NA	NA	X	QPL	X	X	QPL	X
21	X	QPL	NA	NA	NA	X	QPL	NA	X	QPL	NA
24	X	QPL	X	NA	NA	X	QPL	X	X	QPL	X
27	X	NA	NA	NA	NA	X	NA	NA	X	NA	NA
30	X	QPL	X	NA	QPL	X	QPL	X	X	QPL	X
36	X	QPL	X	NA	NA	X	QPL	X	X	QPL	X
42	X	NA	X	NA	NA	X	NA	X	X	NA	X
48	X	NA	X	NA	NA	X	NA	X	X	NA	X
54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
PVC Polyvinyl Chloride Pipe
CPVC Corrugated Polyvinyl Chloride Pipe with a Smooth Interior
CPP Corrugated Polypropylene Pipe with a Smooth Interior
X Permitted
QPL Permitted for the producers approved for that diameter in the Department's qualified product list
NA Not Acceptable

PIPE CULVERTS (metric)
TABLE IIIB: PLASTIC PIPE PERMITTED
FOR A GIVEN PIPE DIAMETER AND FILL HEIGHT OVER THE TOP OF THE PIPE

Nominal Diameter (mm)	Type 5 Fill Height: Greater than 6 m, not exceeding 7.5 m					Type 6 Fill Height: Greater than 7.5 m, not exceeding 9 m			Type 7 Fill Height: Greater than 9 m, not exceeding 10.5 m		
	PVC	CPVC	PE	CPE	CPP	PVC	CPVC	PE	PVC	CPVC	PE
250	X	QPL	X	QPL	NA	X	QPL	X	X	QPL	X
300	X	QPL	X	QPL	QPL	X	QPL	X	X	QPL	X
375	X	QPL	NA	NA	QPL	X	QPL	NA	X	QPL	NA
450	X	QPL	X	NA	NA	X	QPL	X	X	QPL	X
525	X	QPL	NA	NA	NA	X	QPL	NA	X	QPL	NA
600	X	QPL	X	NA	NA	X	QPL	X	X	QPL	X
675	X	NA	NA	NA	NA	X	NA	NA	X	NA	NA
750	X	QPL	X	NA	QPL	X	QPL	X	X	QPL	X
900	X	QPL	X	NA	NA	X	QPL	X	X	QPL	X
1000	X	NA	X	NA	NA	X	NA	X	X	NA	X
1200	X	NA	X	NA	NA	X	NA	X	X	NA	X
1350	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
PVC Polyvinyl Chloride Pipe
CPVC Corrugated Polyvinyl Chloride Pipe with a Smooth Interior
CPP Corrugated Polypropylene Pipe with a Smooth Interior
X Permitted
QPL Permitted for the producers approved for that diameter in the Department's qualified product list
NA Not Acceptable

STORM SEWERS
KIND OF MATERIAL PERMITTED AND STRENGTH REQUIRED
FOR A GIVEN PIPE DIAMETERS AND FILL HEIGHTS OVER THE TOP OF THE PIPE

Nominal Diameter in.	Type 1								Type 2							
	Fill Height: 3' and less, with 1' min.								Fill Height: Greater than 3', not exceeding 10'							
	RCCP	CSP	ESCP	PVC	CPVC	PE	CPE	CPP	RCCP	CSP	ESCP	PVC	CPVC	PE	CPE	CPP
10	NA	3	X	X	QPL	X	QPL	NA	NA	1	*X	X	QPL	X	QPL	NA
12	IV	NA	X	X	QPL	X	QPL	QPL	II	1	*X	X	QPL	X	QPL	QPL
15	IV	NA	NA	X	QPL	NA	QPL	QPL	II	1	*X	X	QPL	NA	QPL	QPL
18	IV	NA	NA	X	QPL	X	QPL	QPL	II	2	X	X	QPL	X	QPL	QPL
21	III	NA	NA	X	QPL	NA	QPL	NA	II	2	X	X	QPL	NA	QPL	NA
24	III	NA	NA	X	QPL	X	QPL	QPL	II	2	X	X	QPL	X	QPL	QPL
27	III	NA	NA	X	NA	NA	NA	NA	II	3	X	X	NA	NA	NA	NA
30	IV	NA	NA	X	QPL	X	QPL	QPL	II	3	X	X	QPL	X	QPL	QPL
33	III	NA	NA	NA	NA	NA	NA	NA	II	NA	X	NA	NA	NA	NA	NA
36	III	NA	NA	X	QPL	X	QPL	QPL	II	NA	X	X	QPL	X	QPL	QPL
42	II	NA	X	X	NA	X	QPL	QPL	II	NA	X	X	NA	X	QPL	QPL
48	II	NA	X	X	NA	X	QPL	QPL	II	NA	X	X	NA	X	QPL	QPL
54	II	NA	NA	NA	NA	NA	NA	NA	II	NA	NA	NA	NA	NA	NA	NA
60	II	NA	NA	NA	NA	NA	QPL	QPL	II	NA	NA	NA	NA	NA	QPL	QPL
66	II	NA	NA	NA	NA	NA	NA	NA	II	NA	NA	NA	NA	NA	NA	NA
72	II	NA	NA	NA	NA	NA	NA	NA	II	NA	NA	NA	NA	NA	NA	NA
78	II	NA	NA	NA	NA	NA	NA	NA	II	NA	NA	NA	NA	NA	NA	NA
84	II	NA	NA	NA	NA	NA	NA	NA	II	NA	NA	NA	NA	NA	NA	NA
90	II	NA	NA	NA	NA	NA	NA	NA	II	NA	NA	NA	NA	NA	NA	NA
96	II	NA	NA	NA	NA	NA	NA	NA	III	NA	NA	NA	NA	NA	NA	NA
102	II	NA	NA	NA	NA	NA	NA	NA	III	NA	NA	NA	NA	NA	NA	NA
108	II	NA	NA	NA	NA	NA	NA	NA	III	NA	NA	NA	NA	NA	NA	NA

RCCP Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe
CSP Concrete Sewer, Storm drain, and Culvert Pipe (number in column indicates strength class)
ESCP Extra Strength Clay Pipe
PVC Polyvinyl Chloride Pipe
CPVC Corrugated Polyvinyl Chloride Pipe with a Smooth Interior
PE Polyethylene Pipe
CPE Corrugated Polyethylene Pipe with a Smooth Interior
CPP Corrugated Polypropylene Pipe with a Smooth Interior
X Permitted
QPL Permitted for the producers approved for that diameter in the Department's qualified product list
NA Not Acceptable
* May also use Standard Strength Clay Pipe

STORM SEWERS (metric)
KIND OF MATERIAL PERMITTED AND STRENGTH REQUIRED
FOR A GIVEN PIPE DIAMETERS AND FILL HEIGHTS OVER THE TOP OF THE PIPE

Nominal Diameter mm	Type 1								Type 2							
	Fill Height: 1 m and less, with 300 mm min.								Fill Height: Greater than 1 m, not exceeding 3 m							
	RCCP	CSP	ESCP	PVC	CPVC	PE	CPE	CPP	RCCP	CSP	ESCP	PVC	CPVC	PE	CPE	CPP
250	NA	3	X	X	QPL	X	QPL	NA	NA	1	*X	X	QPL	X	QPL	NA
300	IV	NA	X	X	QPL	X	QPL	QPL	II	1	*X	X	QPL	X	QPL	QPL
375	IV	NA	NA	X	QPL	NA	QPL	QPL	II	1	*X	X	QPL	NA	QPL	QPL
450	IV	NA	NA	X	QPL	X	QPL	QPL	II	2	X	X	QPL	X	QPL	QPL
525	III	NA	NA	X	QPL	NA	QPL	NA	II	2	X	X	QPL	NA	QPL	NA
600	III	NA	NA	X	QPL	X	QPL	QPL	II	2	X	X	QPL	X	QPL	QPL
675	III	NA	NA	X	NA	NA	NA	NA	II	3	X	X	NA	NA	NA	NA
750	IV	NA	NA	X	QPL	X	QPL	QPL	II	3	X	X	QPL	X	QPL	QPL
825	III	NA	NA	NA	NA	NA	NA	NA	II	NA	X	NA	NA	NA	NA	NA
900	III	NA	NA	X	QPL	X	QPL	QPL	II	NA	X	X	QPL	X	QPL	QPL
1050	II	NA	X	X	NA	X	QPL	QPL	II	NA	X	X	NA	X	QPL	QPL
1200	II	NA	X	X	NA	X	QPL	QPL	II	NA	X	X	NA	X	QPL	QPL
1350	II	NA	NA	NA	NA	NA	NA	NA	II	NA	NA	NA	NA	NA	NA	NA
1500	II	NA	NA	NA	NA	NA	QPL	QPL	II	NA	NA	NA	NA	NA	QPL	QPL
1650	II	NA	NA	NA	NA	NA	NA	NA	II	NA	NA	NA	NA	NA	NA	NA
1800	II	NA	NA	NA	NA	NA	NA	NA	II	NA	NA	NA	NA	NA	NA	NA
1950	II	NA	NA	NA	NA	NA	NA	NA	II	NA	NA	NA	NA	NA	NA	NA
2100	II	NA	NA	NA	NA	NA	NA	NA	II	NA	NA	NA	NA	NA	NA	NA
2250	II	NA	NA	NA	NA	NA	NA	NA	II	NA	NA	NA	NA	NA	NA	NA
2400	II	NA	NA	NA	NA	NA	NA	NA	III	NA	NA	NA	NA	NA	NA	NA
2550	II	NA	NA	NA	NA	NA	NA	NA	III	NA	NA	NA	NA	NA	NA	NA
2700	II	NA	NA	NA	NA	NA	NA	NA	III	NA	NA	NA	NA	NA	NA	NA

RCCP Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe
CSP Concrete Sewer, Storm drain, and Culvert Pipe (number in column indicates strength class)
ESCP Extra Strength Clay Pipe
PVC Polyvinyl Chloride Pipe
CPVC Corrugated Polyvinyl Chloride Pipe with a Smooth Interior
PE Polyethylene Pipe
CPE Corrugated Polyethylene Pipe with a Smooth Interior
CPP Corrugated Polypropylene Pipe with a Smooth Interior
X Permitted
QPL Permitted for the producers approved for that diameter in the Department's qualified product list
NA Not Acceptable
* May also use Standard Strength Clay Pipe

STORM SEWERS
KIND OF MATERIAL PERMITTED AND STRENGTH REQUIRED
FOR A GIVEN PIPE DIAMETERS AND FILL HEIGHTS OVER THE TOP OF THE PIPE

Nominal Diameter in.	Type 3								Type 4							
	Fill Height: Greater than 10' not exceeding 15'								Fill Height: Greater than 15' not exceeding 20'							
	RCCP	CSP	ESCP	PVC	CPVC	PE	CPE	CPP	RCCP	CSP	ESCP	PVC	CPVC	PE	CPE	CPP
10	NA	2	X	X	QPL	X	QPL	NA	NA	3	X	X	QPL	X	QPL	NA
12	III	2	X	X	QPL	X	QPL	QPL	IV	NA	NA	X	QPL	X	QPL	QPL
15	III	3	X	X	QPL	NA	QPL	QPL	IV	NA	NA	X	QPL	NA	QPL	QPL
18	III	NA	X	X	QPL	X	QPL	QPL	IV	NA	NA	X	QPL	X	QPL	QPL
21	III	NA	NA	X	QPL	NA	QPL	NA	IV	NA	NA	X	QPL	NA	NA	NA
24	III	NA	NA	X	QPL	X	QPL	QPL	IV	NA	NA	X	QPL	X	NA	QPL
27	III	NA	NA	X	NA	NA	NA	NA	IV	NA	NA	X	NA	NA	NA	NA
30	III	NA	NA	X	QPL	X	QPL	QPL	IV	NA	NA	X	QPL	X	NA	QPL
33	III	NA	NA	NA	NA	NA	NA	NA	IV	NA	NA	NA	NA	NA	NA	NA
36	III	NA	NA	X	QPL	X	QPL	QPL	IV	NA	NA	X	QPL	X	NA	QPL
42	III	NA	NA	X	NA	X	NA	QPL	IV	NA	NA	X	NA	X	NA	NA
48	III	NA	NA	X	NA	X	NA	QPL	IV	NA	NA	X	NA	X	NA	NA
54	III	NA	NA	NA	NA	NA	NA	NA	IV	NA	NA	NA	NA	NA	NA	NA
60	III	NA	NA	NA	NA	NA	NA	QPL	IV	NA	NA	NA	NA	NA	NA	NA
66	III	NA	NA	NA	NA	NA	NA	NA	IV	NA	NA	NA	NA	NA	NA	NA
72	III	NA	NA	NA	NA	NA	NA	NA	IV	NA	NA	NA	NA	NA	NA	NA
78	III	NA	NA	NA	NA	NA	NA	NA	IV	NA	NA	NA	NA	NA	NA	NA
84	III	NA	NA	NA	NA	NA	NA	NA	IV	NA	NA	NA	NA	NA	NA	NA
90	III	NA	NA	NA	NA	NA	NA	NA	1680	NA	NA	NA	NA	NA	NA	NA
96	III	NA	NA	NA	NA	NA	NA	NA	1690	NA	NA	NA	NA	NA	NA	NA
102	III	NA	NA	NA	NA	NA	NA	NA	1700	NA	NA	NA	NA	NA	NA	NA
108	1360	NA	NA	NA	NA	NA	NA	NA	1710	NA	NA	NA	NA	NA	NA	NA

RCCP Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe (RCCP with a number instead of a Roman numeral shall be furnished according to AASHTO M170 Section 6. This number represents the D-load to produce a 0.01 in crack.)
CSP Concrete Sewer, Storm drain, and Culvert Pipe (number in column indicates strength class)
ESCP Extra Strength Clay Pipe
PVC Polyvinyl Chloride Pipe
CPVC Corrugated Polyvinyl Chloride Pipe with a Smooth Interior
PE Polyethylene Pipe
CPE Corrugated Polyethylene Pipe with a Smooth Interior
CPP Corrugated Polypropylene Pipe with a Smooth Interior
X Permitted
QPL Permitted for the producers approved for that diameter in the Department's qualified product list
NA Not Acceptable

STORM SEWERS (metric)
KIND OF MATERIAL PERMITTED AND STRENGTH REQUIRED
FOR A GIVEN PIPE DIAMETERS AND FILL HEIGHTS OVER THE TOP OF THE PIPE

Nominal Diameter mm	Type 3								Type 4							
	Fill Height: Greater than 3 m, not exceeding 4.5 m								Fill Height: Greater than 4.5 m, not exceeding 6 m							
	RCCP	CSP	ESCP	PVC	CPVC	PE	CPE	CPP	RCCP	CSP	ESCP	PVC	CPVC	PE	CPE	CPP
250	NA	2	X	X	QPL	X	QPL	NA	NA	3	X	X	QPL	X	QPL	NA
300	III	2	X	X	QPL	X	QPL	QPL	IV	NA	NA	X	QPL	X	QPL	QPL
375	III	3	X	X	QPL	NA	QPL	QPL	IV	NA	NA	X	QPL	NA	QPL	QPL
450	III	NA	X	X	QPL	X	QPL	QPL	IV	NA	NA	X	QPL	X	QPL	QPL
525	III	NA	NA	X	QPL	NA	QPL	NA	IV	NA	NA	X	QPL	NA	NA	NA
600	III	NA	NA	X	QPL	X	QPL	QPL	IV	NA	NA	X	QPL	X	NA	QPL
675	III	NA	NA	X	NA	NA	NA	NA	IV	NA	NA	X	NA	NA	NA	NA
750	III	NA	NA	X	QPL	X	QPL	QPL	IV	NA	NA	X	QPL	X	NA	QPL
825	III	NA	NA	NA	NA	NA	NA	NA	IV	NA	NA	NA	NA	NA	NA	NA
900	III	NA	NA	X	QPL	X	QPL	QPL	IV	NA	NA	X	QPL	X	NA	QPL
1050	III	NA	NA	X	NA	X	NA	QPL	IV	NA	NA	X	NA	X	NA	NA
1200	III	NA	NA	X	NA	X	NA	QPL	IV	NA	NA	X	NA	X	NA	NA
1350	III	NA	NA	NA	NA	NA	NA	NA	IV	NA	NA	NA	NA	NA	NA	NA
1500	III	NA	NA	NA	NA	NA	NA	QPL	IV	NA	NA	NA	NA	NA	NA	NA
1650	III	NA	NA	NA	NA	NA	NA	NA	IV	NA	NA	NA	NA	NA	NA	NA
1800	III	NA	NA	NA	NA	NA	NA	NA	IV	NA	NA	NA	NA	NA	NA	NA
1950	III	NA	NA	NA	NA	NA	NA	NA	IV	NA	NA	NA	NA	NA	NA	NA
2100	III	NA	NA	NA	NA	NA	NA	NA	IV	NA	NA	NA	NA	NA	NA	NA
2250	III	NA	NA	NA	NA	NA	NA	NA	80	NA	NA	NA	NA	NA	NA	NA
2400	III	NA	NA	NA	NA	NA	NA	NA	80	NA	NA	NA	NA	NA	NA	NA
2550	III	NA	NA	NA	NA	NA	NA	NA	80	NA	NA	NA	NA	NA	NA	NA
2700	70	NA	NA	NA	NA	NA	NA	NA	80	NA	NA	NA	NA	NA	NA	NA

RCCP Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe (RCCP with a number instead of a Roman numeral shall be furnished according to AASHTO M170 Section 6. This number represents the D-load to produce a 25.4 micro-meter crack.)
CSP Concrete Sewer, Storm drain, and Culvert Pipe (number in column indicates strength class)
ESCP Extra Strength Clay Pipe
PVC Polyvinyl Chloride Pipe
CPVC Corrugated Polyvinyl Chloride Pipe with a Smooth Interior
PE Polyethylene Pipe
CPE Corrugated Polyethylene Pipe with a Smooth Interior
CPP Corrugated Polypropylene Pipe with a Smooth Interior
X Permitted
QPL Permitted for the producers approved for that diameter in the Department's qualified product list
NA Not Acceptable

STORM SEWERS
KIND OF MATERIAL PERMITTED AND STRENGTH REQUIRED
FOR A GIVEN PIPE DIAMETERS AND FILL HEIGHTS OVER THE TOP OF THE PIPE

Nominal Diameter in.	Type 5						Type 6				Type 7			
	Fill Height: Greater than 20', not exceeding 25'						Fill Height: Greater than 25', not exceeding 30'				Fill Height: Greater than 30', not exceeding 35'			
	RCCP	PVC	CPVC	PE	CPE	CPP	RCCP	PVC	CPVC	PE	RCCP	PVC	CPVC	PE
10	NA	X	QPL	X	QPL	NA	NA	X	QPL	X	NA	X	QPL	X
12	IV	X	QPL	X	QPL	QPL	V	X	QPL	X	V	X	QPL	X
15	IV	X	QPL	NA	NA	QPL	V	X	QPL	NA	V	X	QPL	NA
18	IV	X	QPL	X	NA	NA	V	X	QPL	X	V	X	QPL	X
21	IV	X	QPL	NA	NA	NA	V	X	QPL	NA	V	X	QPL	NA
24	IV	X	QPL	X	NA	NA	V	X	QPL	X	V	X	QPL	X
27	IV	X	NA	NA	NA	NA	V	X	NA	NA	V	X	NA	NA
30	IV	X	QPL	X	NA	QPL	V	X	QPL	X	V	X	QPL	X
33	IV	NA	NA	NA	NA	NA	V	NA	NA	NA	V	NA	NA	NA
36	IV	X	QPL	X	NA	NA	V	X	QPL	X	V	X	QPL	X
42	IV	X	NA	X	NA	NA	V	X	NA	X	V	X	NA	X
48	IV	X	NA	X	NA	NA	V	X	NA	X	V	X	NA	X
54	IV	NA	NA	NA	NA	NA	V	NA	NA	NA	V	NA	NA	NA
60	IV	NA	NA	NA	NA	NA	V	NA	NA	NA	V	NA	NA	NA
66	IV	NA	NA	NA	NA	NA	V	NA	NA	NA	V	NA	NA	NA
72	V	NA	NA	NA	NA	NA	V	NA	NA	NA	V	NA	NA	NA
78	2020	NA	NA	NA	NA	NA	2370	NA	NA	NA	2730	NA	NA	NA
84	2020	NA	NA	NA	NA	NA	2380	NA	NA	NA	2740	NA	NA	NA
90	2030	NA	NA	NA	NA	NA	2390	NA	NA	NA	2750	NA	NA	NA
96	2040	NA	NA	NA	NA	NA	2400	NA	NA	NA	2750	NA	NA	NA
102	2050	NA	NA	NA	NA	NA	2410	NA	NA	NA	2760	NA	NA	NA
108	2060	NA	NA	NA	NA	NA	2410	NA	NA	NA	2770	NA	NA	NA

RCCP Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe (RCCP with a number instead of a Roman numeral shall be furnished according to AASHTO M170 Section 6. This number represents the D-load to produce a 0.01 in crack.)
PVC Polyvinyl Chloride Pipe
CPVC Corrugated Polyvinyl Chloride Pipe with a Smooth Interior
PE Polyethylene Pipe
CPE Corrugated Polyethylene Pipe with a Smooth Interior
CPP Corrugated Polypropylene Pipe with a Smooth Interior
X Permitted
QPL Permitted for the producers approved for that diameter in the Department's qualified product list
NA Not Acceptable

STORM SEWERS (metric)
KIND OF MATERIAL PERMITTED AND STRENGTH REQUIRED
FOR A GIVEN PIPE DIAMETERS AND FILL HEIGHTS OVER THE TOP OF THE PIPE

Nominal Diameter mm	Type 5						Type 6				Type 7			
	Fill Height: Greater than 6 m, not exceeding 7.5 m						Fill Height: Greater than 7.5 m, not exceeding 9 m				Fill Height: Greater than 9 m, not exceeding 10.5 m			
	RCCP	PVC	CPVC	PE	CPE	CPP	RCCP	PVC	CPVC	PE	RCCP	PVC	CPVC	PE
250	NA	X	QPL	X	QPL	NA	NA	X	QPL	X	NA	X	QPL	X
300	IV	X	QPL	X	QPL	QPL	V	X	QPL	X	V	X	QPL	X
375	IV	X	QPL	NA	NA	QPL	V	X	QPL	NA	V	X	QPL	NA
450	IV	X	QPL	X	NA	NA	V	X	QPL	X	V	X	QPL	X
525	IV	X	QPL	NA	NA	NA	V	X	QPL	NA	V	X	QPL	NA
600	IV	X	QPL	X	NA	NA	V	X	QPL	X	V	X	QPL	X
675	IV	X	NA	NA	NA	NA	V	X	NA	NA	V	X	NA	NA
750	IV	X	QPL	X	NA	QPL	V	X	QPL	X	V	X	QPL	X
825	IV	NA	NA	NA	NA	NA	V	NA	NA	NA	V	NA	NA	NA
900	IV	X	QPL	X	NA	NA	V	X	QPL	X	V	X	QPL	X
1050	IV	X	NA	X	NA	NA	V	X	NA	X	V	X	NA	X
1200	IV	X	NA	X	NA	NA	V	X	NA	X	V	X	NA	X
1350	IV	NA	NA	NA	NA	NA	V	NA	NA	NA	V	NA	NA	NA
1500	IV	NA	NA	NA	NA	NA	V	NA	NA	NA	V	NA	NA	NA
1650	IV	NA	NA	NA	NA	NA	V	NA	NA	NA	V	NA	NA	NA
1800	V	NA	NA	NA	NA	NA	V	NA	NA	NA	V	NA	NA	NA
1950	100	NA	NA	NA	NA	NA	110	NA	NA	NA	130	NA	NA	NA
2100	100	NA	NA	NA	NA	NA	110	NA	NA	NA	130	NA	NA	NA
2250	100	NA	NA	NA	NA	NA	110	NA	NA	NA	130	NA	NA	NA
2400	100	NA	NA	NA	NA	NA	120	NA	NA	NA	130	NA	NA	NA
2550	100	NA	NA	NA	NA	NA	120	NA	NA	NA	130	NA	NA	NA
2700	100	NA	NA	NA	NA	NA	120	NA	NA	NA	130	NA	NA	NA

RCCP Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe (RCCP with a number instead of a Roman numeral shall be furnished according to AASHTO M170 Section 6. This number represents the D-load to produce a 25.4 micro-meter crack.)
PVC Polyvinyl Chloride Pipe
CPVC Corrugated Polyvinyl Chloride Pipe with a Smooth Interior
PE Polyethylene Pipe
CPE Corrugated Polyethylene Pipe with a Smooth Interior
CPP Corrugated Polypropylene Pipe with a Smooth Interior
X Permitted
QPL Permitted for the producers approved for that diameter in the Department's qualified product list
NA Not Acceptable"

Revise the first paragraph of Article 1040.03 of the Standard Specifications to read:

"**1040.03 Polyvinyl Chloride (PVC) Pipe.** Acceptance testing of PVC pipe and fittings shall be accomplished during the same construction season in which they are installed. The pipe shall meet the following additional requirements."

Revise Article 1040.04(b) of the Standard Specifications to read:

"(b) Corrugated PE Pipe with a Smooth Interior. The manufacturer shall be listed as compliant through the NTPEP program and the pipe shall be according to AASHTO M 294 (nominal size – 12 to 60 in. (300 to 1500 mm)). The pipe shall be Type S or D."

Revise the first paragraph of Article 1040.04(d) of the Standard Specifications to read:

"(d) PE Pipe with a Smooth Interior. The pipe shall be according to ASTM F 714 (DR 32.5) with a minimum cell classification of PE 335434 as defined in ASTM D 3350."

Revise the first paragraph of Article 1040.08 of the Standard Specifications to read:

"**1040.08 Polypropylene (PP) Pipe.** Storage and handling shall be according to the manufacturer's recommendations, except in no case shall the pipe be exposed to direct sunlight for more than six months. Acceptance testing of the pipe shall be accomplished during the same construction season in which it is installed. The pipe shall meet the following additional requirements."

80434

HOT-MIX ASPHALT (BDE)

Effective: January 1, 2024

Revise the second paragraph of Articles 1030.07(a)(11) and 1030.08(a)(9) of the Standard Specifications to read:

> "When establishing the target density, the HMA maximum theoretical specific gravity (G_{mm}) will be based on the running average of four available Department test results for that project. If less than four G_{mm} test results are available, an average of all available Department test results for that project will be used. The initial G_{mm} will be the last available Department test result from a QMP project. If there is no available Department test result from a QMP project, the Department mix design verification test result will be used as the initial G_{mm}."

In the Supplemental Specifications, replace the revision for the end of the third paragraph of Article 1030.09(h)(2) with the following:

> "When establishing the target density, the HMA maximum theoretical specific gravity (G_{mm}) will be the Department mix design verification test result."

Revise the tenth paragraph of Article 1030.10 of the Standard Specifications to read:

"Production is not required to stop after a test strip has been constructed."

80456

PORTLAND CEMENT CONCRETE (BDE)

Effective: August 1, 2023

Revise the second paragraph of Article 1103.03(a)(4) the Standard Specifications to read:

> "The dispenser system shall provide a visual indication that the liquid admixture is actually entering the batch, such as via a transparent or translucent section of tubing or by independent check with an integrated secondary metering device. If approved by the Engineer, an alternate indicator may be used for admixtures dosed at rates of 25 oz/cwt (1630 mL/100 kg) or greater, such as accelerating admixtures, corrosion inhibitors, and viscosity modifying admixtures."

80451

VEHICLE AND EQUIPMENT WARNING LIGHTS (BDE)

Effective: November 1, 2021
Revised: November 1, 2022

Add the following paragraph after the first paragraph of Article 701.08 of the Standard Specifications:

"The Contractor shall equip all vehicles and equipment with high-intensity oscillating, rotating, or flashing, amber or amber-and-white, warning lights which are visible from all directions. In accordance with 625 ILCS 5/12-215, the lights may only be in operation while the vehicle or equipment is engaged in construction operations."

80439

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

State of Illinois
Department of Transportation
Bureau of Local Roads and Streets

SPECIAL PROVISION FOR INSURANCE

Effective: February 1, 2007
Revised: August 1, 2007

All references to Sections or Articles in this specification shall be construed to mean specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

The Contractor shall name the following entities as additional insured under the Contractor's general liability insurance policy in accordance with Article 107.27:

Village of Villa Park

The entities listed above and their officers, employees, and agents shall be indemnified and held harmless in accordance with Article 107.26.

State of Illinois
Department of Transportation
Bureau of Local Roads and Streets

SPECIAL PROVISION FOR EQUIPMENT RENTAL RATES

Effective: January 1, 2012

All references to Sections or Articles in this specification shall be construed to mean a specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

Replace Article 109.04(b)(4) with the following:

"(4) Equipment. For any machinery or special equipment (other than small tools) the use of which has been authorized by the Engineer, the Contractor will be paid according to the latest revision of "SCHEDULE OF AVERAGE ANNUAL EQUIPMENT OWNERSHIP EXPENSE" and latest index factor as issued by the Illinois Department of Transportation. The equipment should be of a type and size reasonably required to complete the extra work."

JACKSON AREA IMPROVEMENT PROJECT
VILLAGE OF VILLA PARK

APPENDIX D

IDOT HIGHWAY STANDARDS

ENGINEER COPY

CONTRACT

ABV	ABOVE
A/C	ACCESS CONTROL
AC	ACRE
ADJ	ADJUST
AS	AERIAL SURVEYS
AGG	AGGREGATE
AH	AHEAD
APT	APARTMENT
ASPH	ASPHALT
AUX	AUXILIARY
AGS	AUXILIARY GAS VALVE (SERVICE)
AVE	AVENUE
AX	AXIS OF ROTATION
BK	BACK
B-B	BACK TO BACK
BKPL	BACKPLATE
B	BARN
BARR	BARRICADE
BL	BASELINE
BGN	BEGIN
BM	BENCHMARK
BIND	BINDER
BIT	BITUMINOUS
BTM	BOTTOM
BLVD	BOULEVARD
BRK	BRICK
BBOX	BUFFALO BOX
BLDG	BUILDING
CATV	CABLE
CIP	CAST IRON PIPE
CB	CATCH BASIN
C-C	CENTER TO CENTER
CL	CENTERLINE OR CLEARANCE
CL-E	CENTERLINE TO EDGE
CL-F	CENTERLINE TO FACE
CTS	CENTERS
CERT	CERTIFIED
CHSLD	CHISELED
CS	CITY STREET
CP	CLAY PIPE
CLSD	CLOSED
CLID	CLOSED LID
CT	COAT OR COURT
COMB	COMBINATION
C	COMMERCIAL BUILDING
CE	COMMERCIAL ENTRANCE
CONC	CONCRETE
CONST	CONSTRUCT
CONTD	CONTINUED
CONT	CONTINUOUS
COR	CORNER
CORR	CORRUGATED
CMP	CORRUGATED METAL PIPE
CNTY	COUNTY
CH	COUNTY HIGHWAY
CSE	COURSE
XSECT	CROSS SECTION
m^3	CUBIC METER
mm^3	CUBIC MILLIMETER
CU YD	CUBIC YARD
CULV	CULVERT
C&G	CURB & GUTTER
D	DEGREE OF CURVE
DC	DEPRESSED CURVE
DET	DETECTOR
DIA	DIAMETER
DIST	DISTRICT
DOM	DOMESTIC
DBL	DOUBLE
DSEL	DOWNSTREAM ELEVATION
DSFL	DOWNSTREAM FLOWLINE
DR	DRAINAGE OR DRIVE
DI	DRAINAGE INLET OR DROP INLET
DRV	DRIVEWAY
DCT	DUCT
EA	EACH
EB	EASTBOUND
EOP	EDGE OF PAVEMENT
E-CL	EDGE TO CENTERLINE
E-E	EDGE TO EDGE
ELEC	ELECRICAL
EL	ELEVATION
ENTR	ENTRANCE
EXC	EXCAVATION
EX	EXISTING
EXPWAY	EXPRESSWAY
E	EXTERNAL DISTANCE OF HORIZONTAL CURVE
E	OFFSET DISTANCE TO VERTICAL CURVE
F-F	FACE TO FACE
FA	FEDERAL AID
FAI	FEDERAL AID INTERSTATE
FAP	FEDERAL AID PRIMARY
FAS	FEDERAL AID SECONDARY
FAUS	FEDERAL AID URBAN SECONDARY
FP	FENCE POST
OPT	FIBER OPTIC
FE	FIELD ENTRANCE
FH	FIRE HYDRANT
FL	FLOW LINE
FB	FOOT BRIDGE
FDN	FOUNDATION
FR	FRAME
F&G	FRAME & GRATE
FRWAY	FREEWAY
GAL	GALLON
GALV	GALVANIZED
G	GARAGE
GM	GAS METER
GV	GAS VALVE
GIS	GEOGRAPHICAL INFORMATION SYSTEM
GRAN	GRANULAR
GR	GRATE
GRVL	GRAVEL
GND	GROUND
GUT	GUTTER
GP	GUY POLE
GW	GUY WIRE
HH	HANDHOLE
HATCH	HATCHING
HD	HEAD
HDW	HEADWALL
HDUTY	HEAVY DUTY
ha	HECTARE
HMA	HOT MIX ASPHALT
HWY	HIGHWAY
HORIZ	HORIZONTAL
HSE	HOUSE
IL	ILLINOIS
IMP	IMPROVEMENT
IN DIA	INCH DIAMETER
INL	INLET
INST	INSTALLATION
IDS	INTERSECTION DESIGN STUDY
INV	INVERT
IP	IRON PIPE
IR	IRON ROD
JT	JOINT
kg	KILOGRAM
km	KILOMETER
LS	LANDSCAPING
LN	LANE
LT	LEFT
LIDAR	LIGHT DETECTION AND RANGING
LP	LIGHT POLE
LGT	LIGHTING
LF	LINEAL FEET OR LINEAR FEET
L	LITER OR CURVE LENGTH
LC	LONG CHORD
LNG	LONGITUDINAL
L SUM	LUMP SUM
MACH	MACHINE
MB	MAIL BOX
MH	MANHOLE
MATL	MATERIAL
MED	MEDIAN
m	METER
METH	METHOD
M	MID-ORDINATE
mm	MILLIMETER
mm DIA	MILLIMETER DIAMETER
MIX	MIXTURE
MBH	MOBILE HOME
MOD	MODIFIED
MFT	MOTOR FUEL TAX
N & BC	NAIL & BOTTLE CAP
N & C	NAIL & CAP
N & W	NAIL & WASHER
NC	NORMAL CROWN
NB	NORTHBOUND
NE	NORTHEAST
NW	NORTHWEST
O/S	OFFSET
O&C	OIL AND CHIP
OLID	OPEN LID
PAT	PATTERN
PVD	PAVED
PVMT	PAVEMENT
PM	PAVEMENT MARKING
PED	PEDESTAL
PNT	POINT
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION OF HORIZONTAL CURVE
PRC	POINT OF REVERSE CURVE
PT	POINT OF TANGENCY
POT	POINT ON TANGENT
POLYETH	POLYETHYLENE
PCC	PORTLAND CEMENT CONCRETE
PP	POWER POLE OR PRINCIPAL POINT
PRM	PRIME
PE	PRIVATE ENTRANCE
PROF	PROFILE
PGL	PROFILE GRADELINE
PROJ	PROJECT
P.C.	PROPERTY CORNER
PL	PROPERTY LINE
PR	PROPOSED
R	RADIUS or RESIDENTUAL
RR	RAILROAD
RRS	RAILROAD SPIKE
RPS	REFERENCE POINT STAKE
REF	REFLECTIVE
RCCP	REINFORCED CONCRETE CULVERT PIPE
REINF	REINFORCEMENT
REM	REMOVAL
RC	REMOVE CROWN
REP	REPLACEMENT
REST	RESTAURANT
RESURF	RESURFACING
RET	RETAINING
RT	RIGHT
ROW	RIGHT-OF-WAY
RD	ROAD
RDWY	ROADWAY
RTE	ROUTE
SAN	SANITARY
SANS	SANITARY SEWER
SEC	SECTION
SEED	SEEDING
SHAP	SHAPING
S	SHED
SH	SHEET
SHLD	SHOULDER
SW	SIDEWALK OR SOUTHWEST
SIG	SIGNAL
SOD	SODDING
SM	SOLID MEDIAN
SB	SOUTHBOUND
SE	SOUTHEAST
SPL	SPECIAL
SD	SPECIAL DITCH
SQ FT	SQUARE FEET
m^2	SQUARE METER
mm^2	SQUARE MILLIMETER
SQ YD	SQUARE YARD
STB	STABILIZED
STD	STANDARD
SBI	STATE BOND ISSUE
SR	STATE ROUTE
STA	STATION
SPBGR	STEEL PLATE BEAM GUARDRAIL
SS	STORM SEWER
STY	STORY
ST	STREET
STR	STRUCTURE
e	SUPERELEVATION RATE
S.E. RUN.	SUPERELEVATION RUNOFF LENGTH
SURF	SURFACE
SMK	SURVEY MARKER
T	TANGENT DISTANCE
T.R.	TANGENT RUNOUT DISTANCE
TEL	TELEPHONE
TB	TELEPHONE BOX
TP	TELEPHONE POLE
TEMP	TEMPORARY
TBM	TEMPORARY BENCH MARK
TD	TILE DRAIN
TBE	TO BE EXTENDED
TBR	TO BE REMOVED
TBS	TO BE SAVED
TWP	TOWNSHIP
TR	TOWNSHIP ROAD
TS	TRAFFIC SIGNAL
TSCB	TRAFFIC SIGNAL CONTROL BOX
TSC	TRAFFIC SYSTEMS CENTER
TRVS	TRANSVERSE
TRVL	TRAVEL
TRN	TURN
TY	TYPE
T-A	TYPE A
TYP	TYPICAL
UNDGND	UNDERGROUND
USGS	U.S. GEOLOGICAL SURVEY
USEL	UPSTREAM ELEVATION
USFL	UPSTREAM FLOWLINE
UTIL	UTILITY
VBOX	VALVE BOX
VV	VALVE VAULT
VLT	VAULT
VEH	VEHICLE
VP	VENT PIPE
VERT	VERTICAL
VC	VERTICAL CURVE
VPC	VERTICAL POINT OF CURVATURE
VPI	VERTICAL POINT OF INTERSECTION
VPT	VERTICAL POINT OF TANGENCY
WM	WATER METER
WV	WATER VALVE
WMAIN	WATER MAIN
WB	WESTBOUND
WILDFL	WILDFLOWERS
W	WITH
WO	WITHOUT

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ISSUED 1-1-97

DATE	REVISIONS
1-1-21	Updated fonts, abbreviations, and symbols.
1-1-19	Added new symbols.

STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

(Sheet 1 of 9)

STANDARD 000001-08

ADJUSTMENT ITEMS

	EX	PR
Structure To Be Adjusted		ADJ
Structure To Be Cleaned		C
Main Structure To Be Filled		FM
Structure To Be Filled		F
Structure To Be Filled Special		FSP
Structure To Be Removed		R
Structure To Be Reconstructed		REC
Structure To Be Reconstructed Special		RSP
Frame and Grate To Be Adjusted		A
Frame and Lid To Be Adjusted		A
Domestic Service Box To Be Adjusted		A
Valve Vault To Be Adjusted		A
Special Adjustment		SP
Item To Be Abandoned		AB
Item To Be Moved		M
Item To Be Relocated		REL
Pavement Removal and Replacement		

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ALIGNMENT ITEMS

	EX	PR
Baseline		
Centerline		
Centerline Break Circle		
Baseline Symbol		
Centerline Symbol		
PI Indicator		
Point Indicator		
Horizontal Curve Data (Half Size)	EX. CURVE P.I. STA= Δ= D= R= T= L= E= P= T.R.= S.F. RUN= P.C. STA= P.T. STA=	CURVE P.I. STA= Δ= D= R= T= L= E= P= T.R.= S.F. RUN= P.C. STA= P.T. STA=

BOUNDARIES ITEMS

	EX	PR
Dashed Property Line		
Solid Property/Lot Line		
Section/Grant Line		
Quarter Section Line		
Quarter/Quarter Section Line		
County/Township Line		
State Line		
Chiseled Square Found		
Iron Pipe Found		
Iron Pipe Set		
Survey Marker		
Property Line Symbol		
Same Ownership Symbol (Half Size)		
Northwest Quarter Corner (Half Size)		
Section Corner (Half Size)		
Southeast Quarter Corner (Half Size)		

DRAINAGE ITEMS

	EX	PR
Channel or Stream Line		
Culvert Line		
Grading & Shaping Ditches		
Drainage Boundary Line		
Paved Ditch		
Aggregate Ditch		
Pipe Underdrain		
Storm Sewer		
Flowline		
Ditch Check		
Headwall		
Inlet		
Manhole		
Summit		
Roadway Ditch Flow		
Swale		
Catch Basin		
Culvert End Section		
Water Surface Indicator		
Riprap		

HYDRAULICS ITEMS

	EX	PR
Overflow		
Sheet Flow		
Hydrant Outlet		

STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

STANDARD 000001-08

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CONTRACT

EROSION & SEDIMENT CONTROL ITEMS

	EX	PR
Cleaning & Grading Limits		
Dike		
Erosion Control Fence		
Perimeter Erosion Barrier		
Temporary Fence		
Ditch Check Temporary		
Ditch Check Permanent		
Inlet & Pipe Protection		
Sediment Basin		
Erosion Control Blanket		
Fabric Formed Concrete Revetment Mat		
Turf Reinforcement Mat		
Mulch Temporary		
Mulch Method 1		
Mulch Method 2 Stabilized		
Mulch Method 3 Hydraulic		

CONTOUR ITEMS

	EX	PR
Approx. Index Line		
Approx. Intermediate Line		
Index Contour		
Intermediate Contour		

NON-HIGHWAY IMPROVEMENT ITEMS

	EX	PR
Noise Attn./Levee		
Field Line		
Fence		
Base of Levee		
Mailbox		
Multiple Mailboxes		
Pay Telephone		
Advertising Sign		
*ITS Camera		
Wind Turbine		
Cellular Tower		

*Intelligent Transportation Systems

LANDSCAPING ITEMS

	EX	PR
Contour Mounding Line		
Fence		
Fence Post		
Shrubs		
Mowline		
Perennial Plants		
Seeding Class 2		
Seeding Class 2A		
Seeding Class 4		
Seeding Class 4 & 5 Combined		

EXISTING LANDSCAPING ITEMS (contd.)

	EX	PR
Seeding Class 5		
Seeding Class 7		
Seedlings Type 1		
Seedlings Type 2		
Sodding		
Mowstake w/Sign		
Tree Trunk Protection		
Evergreen Tree	E	
Shade Tree	E	

LIGHTING

	EX	PR
Duct		
Conduit		
Electrical Aerial Cable		
Electrical Buried Cable		
Controller		
Underpass Luminaire		
Power Pole		

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STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

STANDARD 000001-08

LIGHTING (contd.)	EX	PR
Pull Point		
Handhole		
Heavy Duty Handhole		
Junction Box		
Light Unit Comb.		
Electrical Ground		
Traffic Flow Arrow		
High Mast Pole (Half Size)		
Light Unit-1		

PAVEMENT (MISC.)	EX	PR
Keyed Long. Joint		
Keyed Long. Joint w/Tie Bars		
Sawed Long. Joint w/Tie Bars		
Bituminous Shoulder		
Bituminous Taper		
Stabilized Driveway		
Widening		

PAVEMENT MARKINGS	EX	PR
Handicap Symbol		
RR Crossing		
Raised Marker Amber 1 Way		
Raised Marker Amber 2 Way		
Raised Marker Crystal 1 Way		
Two Way Turn Left		
Shoulder Diag. Pattern		
Skip-Dash White		
Skip-Dash Yellow		
Stop Line		
Solid Line		
Double Centerline		
Dotted Lines		

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STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

STANDARD 000001-08

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CONTRACT

PAVEMENT MARKINGS (contd.)

	EX	PR
CL 2Ln 2Way RRPM 12.2 m (40') o.c.		
CL 2Ln 2Way RRPM 80' (24.4 m) o.c.		
CL Multilane Div. RRPM 40' (12.2 m) o.c.		
CL Multilane Div. RRPM 80' (24.4 m) o.c.		
CL Multilane Div. Dbl. RRPM 80' (24.4 m) o.c.		
CL Multilane Undiv.		
Two Way Turn Left Line		
Urban Combination Left		
Urban Combination Right		
Urban Left Turn Arrow		
Urban Right Turn Arrow		
Urban Left Turn Only		
Urban Right Turn Only		
Urban Thru Only		
Urban LT & RT Turn Arrow		
Urban Thru Arrow		

RAILROAD ITEMS

	EX	PR
Abandoned Railroad		
Railroad		
Railroad Point		
Control Box		
Crossing Gate		
Flashing Signal		
Railroad Cant. Mast Arm		
Crossbuck		

REMOVAL ITEMS

	EX	PR
Removal Tic		
Bituminous Removal		
Hatch Pattern		
Tree Removal Single		

RIGHT OF WAY ITEMS

	EX	PR
Future ROW Corner Monument		
ROW Marker		
ROW Line		
Easement		
Temporary Easement		

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STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

STANDARD 000001-08

PAVEMENT MARKINGS (contd.)

	EX	PR
Urban U-Turn		
Urban Combined U-Turn		
Rural Combination Left		
Rural Combination Right		
Rural Left Turn Arrow		
Rural Right Turn Arrow		
Rural Left Turn Only		ONLY
Rural Right Turn Only		ONLY
Rural Thru Only		
Rural Thru Arrow		
Rural Lt & Rt Turn Arrow		
Bike Lane Symbol		
Bike Lane Text		LANE BIKE
Bike Path Shared		
Bike Shared Roadway		
Lane Drop Symbol		
Wrong Way Arrow		

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STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

(Sheet 6 of 9

STANDARD 000001-08

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CONTRACT

RIGHT OF WAY ITEMS (contd.)

	EX	PR
Access Control Line	AC	AC
Access Control Line & ROW	AC	AC
Access Control Line & ROW with Fence	AC	
Excess ROW Line		ES

ROADWAY PLAN ITEMS

	EX	PR
Cable Barrier		
Concrete Barrier		
Edge of Pavement		
Bit Shoulders, Medians and C&G Line		
Aggregate Shoulder		
Sidewalks, Driveways		
Guardrail		
Guardrail Post		
Traffic Sign		
Corrugated Median		
Impact Attenuator		
North Arrow with District Office (Half Size)		
Match Line		STA. 45+00
Slope Limit Line		
Typical Cross-Section Line		

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BSDS(D) 1-19-07

ROADWAY PROFILES

	EX	PR
P.I. Indicator		
Point Indicator		
Earthworks Balance Point		
Begin Point		
Vert. Curve Data	VPI = ELEV= L = E =	VPI = ELEV= L = E =
Ditch Profile Left Side		
Ditch Profile Right Side		
Roadway Profile Line		
Storm Sewer Profile Left Side		
Storm Sewer Profile Right Side		

SIGNING ITEMS

	EX	PR
Cone, Drum or Barricade		
Barricade Type II		
Barricade Type III		
Barricade With Edge Line		
Flashing Light Sign		
Panels I		
Panels II		
Direction of Traffic		
Sign Flag (Half Size)		

SIGNING ITEMS (contd.)

	EX	PR
Reverse Left W1-4L (Half Size)		
Reverse Right W1-4R (Half Size)		
Two Way Traffic Sign W6-3 (Half Size)		
Detour Ahead W20-2(O) (Half Size)		
Left Lane Closed Ahead W20-5L(O) (Half Size)		
Right Lane Closed Ahead W20-5R(O) (Half Size)		
Road Closed Ahead W20-3(O) (Half Size)		
Road Construction Ahead W20-1-(O) (Half Size)		
Single Lane Ahead (Half Size)		
Transition Left W4-2L (Half Size)		
Transition Right W4-2R (Half Size)		

STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

STANDARD 000001-08

SIGNING ITEMS (contd.)	EX	PR
One Way Arrow Lrg. W1-6-(O) (Half Size)		
Two Way Arrow Large W1-7-(O) (Half Size)		
Detour M4-10L-(O) (Half Size)		
Detour M4-10R-(O) (Half Size)		
One Way Left R6-1L (Half Size)		
One Way Right R6-1R (Half Size)		
Left Turn Lane R3-I100L (Half Size)		
Keep Left R4-7AL (Half Size)		
Keep Left R4-7BL (Half Size)		
Keep Right R4-7AR (Half Size)		
Keep Right R4-7BR (Half Size)		
Stop Here On Red R10-6-AL (Half Size)		
Stop Here On Red R10-6-AR (Half Size)		
No Left Turn R3-2 (Half Size)		
No Right Turn R3-1 (Half Size)		
Road Closed R11-2 (Half Size)		
Road Closed Thru Traffic R11-2 (Half Size)		

STRUCTURES ITEMS	EX	PR
Box Culvert Barrel		
Box Culvert Headwall		
Bridge Pier		
Bridge		
Retaining Wall		
Temporary Sheet Piling		

TRAFFIC SHEET ITEMS	EX	PR
Cable Number		
Left Turn Green		
Left Turn Yellow		
Signal Backplate		
Signal Section 8" (200 mm)		
Signal Section 12" (300 mm)		
Walk/Don't Walk Letters		
Walk/Don't Walk Symbols		

TRAFFIC SIGNAL ITEMS	EX	PR
Galv. Steel Conduit		
Underground Cable		
Detector Loop Line		
Detector Loop Large		
Detector Loop Small		
Detector Loop Quadrapole		

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APPROVED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021
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ISSUED 1-1-07

STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

STANDARD 000001-08

ENGINEER COPY

CONTRACT

TRAFFIC SIGNAL ITEMS (contd.)

	EX	PR
Detector Raceway		
Aluminum Mast Arm		
Steel Mast Arm		
Veh. Detector Magnetic		
Conduit Splice		
Controller		
Gulfbox Junction		
Wood Pole		
Temp. Signal Head		
Handhole		
Double Handhole		
Heavy Duty Handhole		
Junction Box		
Ped. Pushbutton Detector		
Ped. Signal Head		
Power Pole Service		
Priority Veh. Detector		
Signal Head		
Signal Head w/Backplate		
Signal Post		
Closed Circuit TV		
Video Detector System		

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UNDERGROUND UTILITY ITEMS

	EX	PR	ABANDONED
Cable TV			
Electric Cable			
Fiber Optic			
Gas Pipe			
Oil Pipe			
Sanitary Sewer			
Telephone Cable			
Water Pipe			

UTILITIES ITEMS

	EX	PR
Controller		
Double Handhole		
Fire Hydrant		
GuyWire or Deadman Anchor		
Handhole		
Heavy Duty Handhole		
Junction Box		
Light Pole		
Manhole		
Monitoring Well (Gasoline)		
Pipeline Warning Sign		
Power Pole		
Power Pole with Light		
Sanitary Sewer Cleanout		
Splice Box Above Ground		
Telephone Splice Box Above Ground		
Telephone Pole		

UTILITY ITEMS (contd.)

	EX	PR
Traffic Signal		
Traffic Signal Control Box		
Water Meter		
Water Meter Valve Box		
Profile Line		
Aerial Power Line		

VEGETATION ITEMS

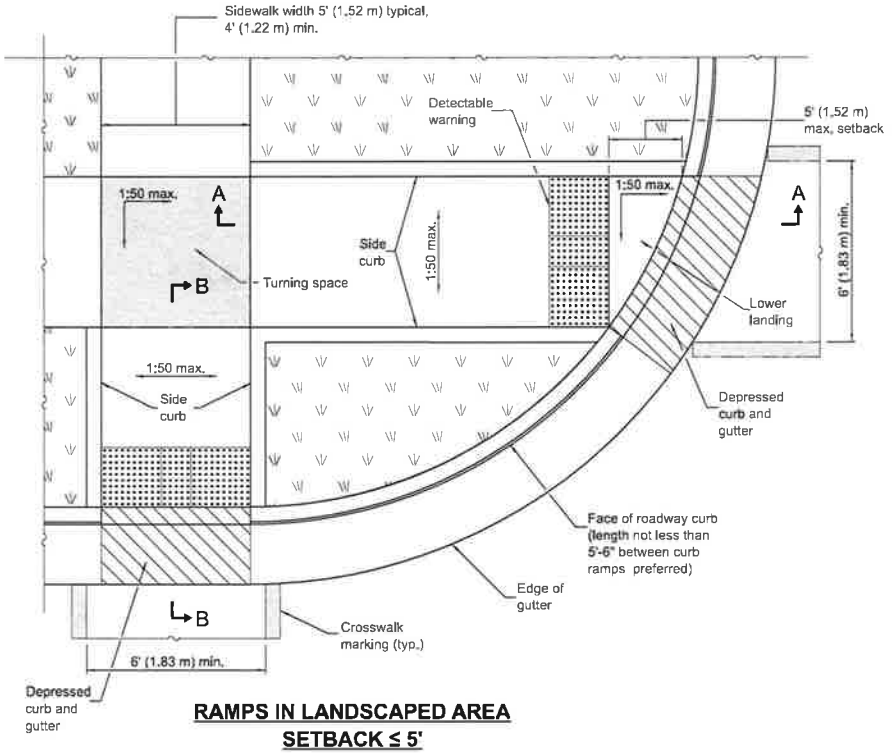
	EX	PR
Deciduous Tree		
Bush or Shrub		
Evergreen Tree		
Stump		
Orchard/Nursery Line		
Vegetation Line		
Woods & Bush Line		

WATER FEATURE ITEMS

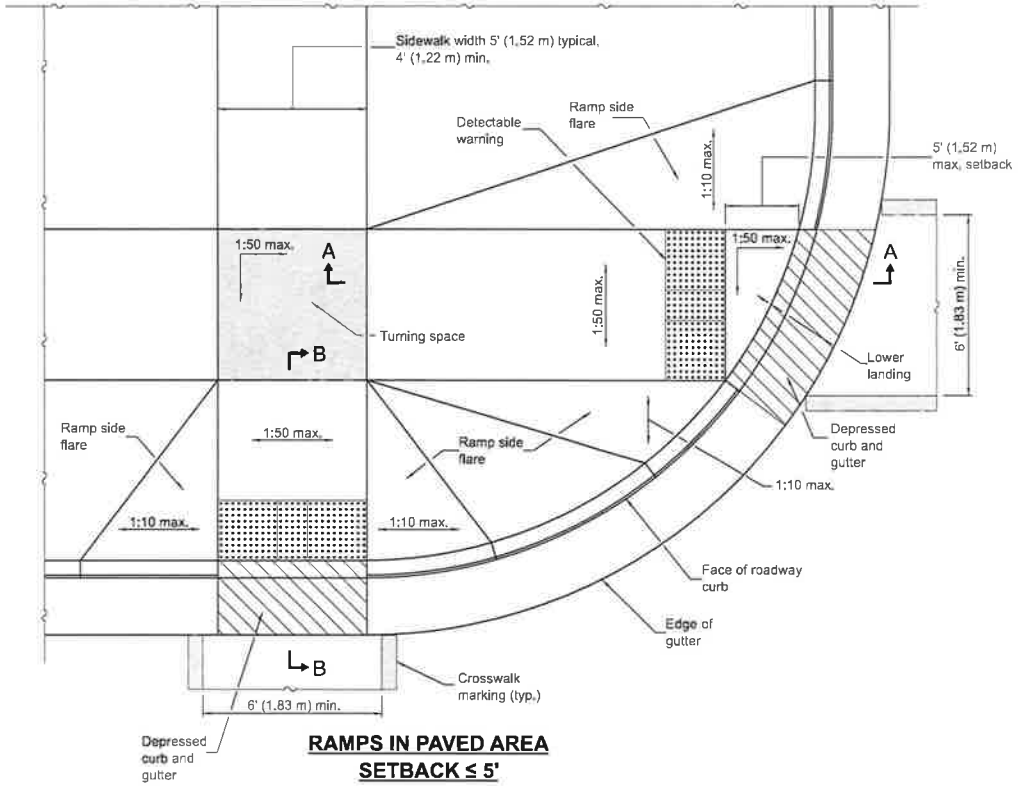
	EX	PR
Stream or Drainage Ditch		
Waters Edge		
Water Surface Indicator		
Water Point		
Disappearing Ditch		
Marsh		
Marsh/Swamp Boundary		

STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

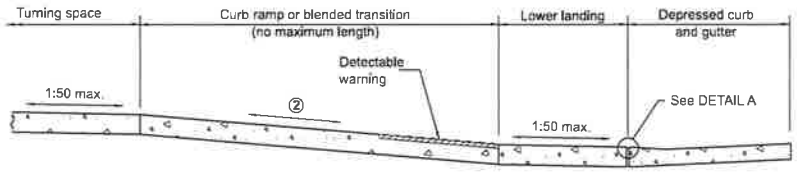
STANDARD 000001-08



RAMPS IN LANDSCAPED AREA
SETBACK ≤ 5'

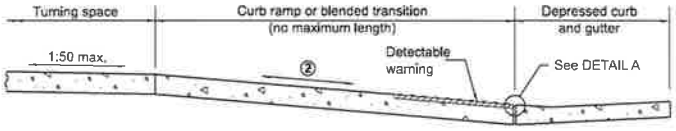


RAMPS IN PAVED AREA
SETBACK ≤ 5'



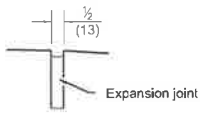
SECTION A-A

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.

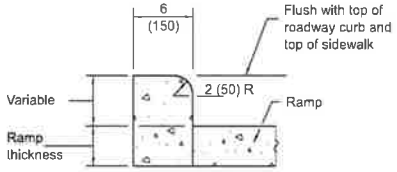


SECTION B-B

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

See Sheet 2 for GENERAL NOTES.

Illinois Department of Transportation

APPROVED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

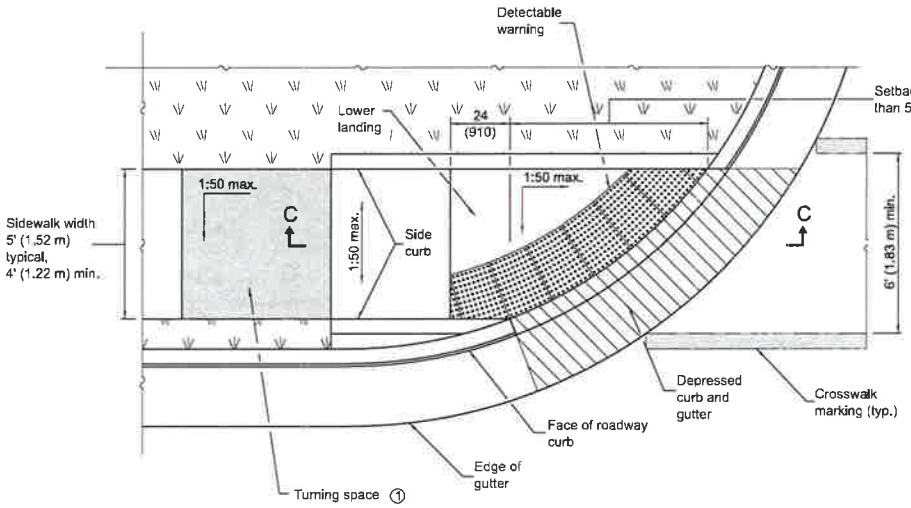
ISSUED 1-1-97

DATE	REVISIONS
1-1-19	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.

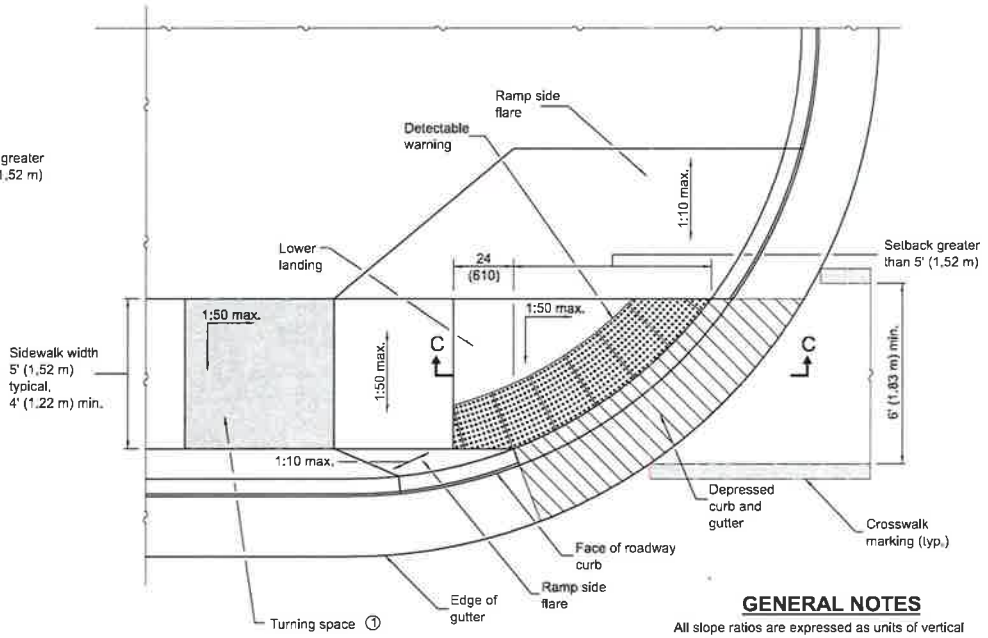
PERPENDICULAR CURB RAMPS FOR SIDEWALKS

(Sheet 1 of 2)

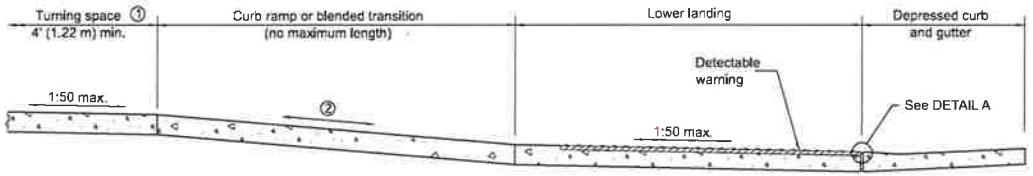
STANDARD 424001-11



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

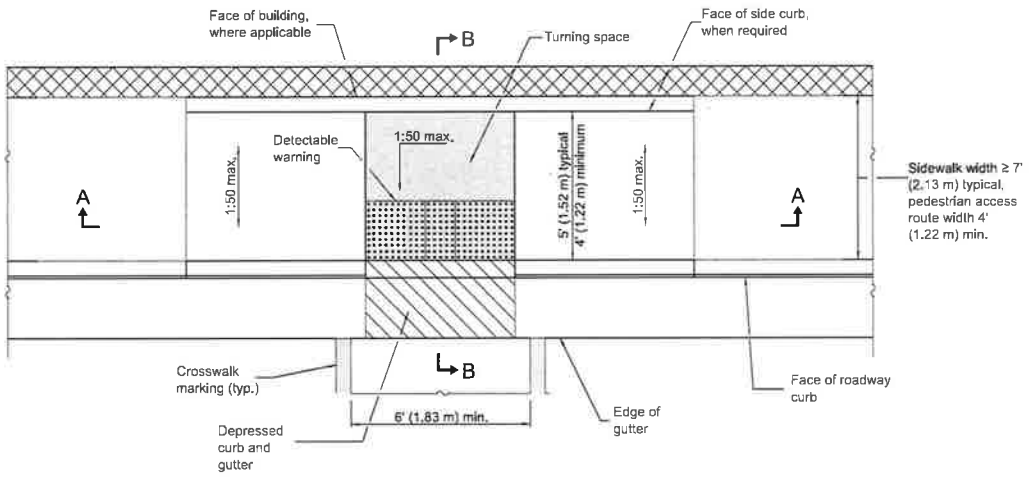
APPROVED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

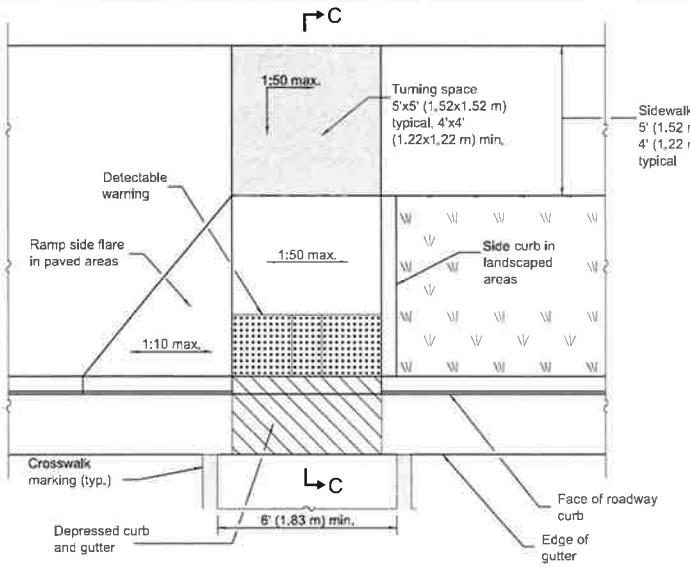
BDE/SCD 1-1-19

PERPENDICULAR CURB RAMPS FOR SIDEWALKS

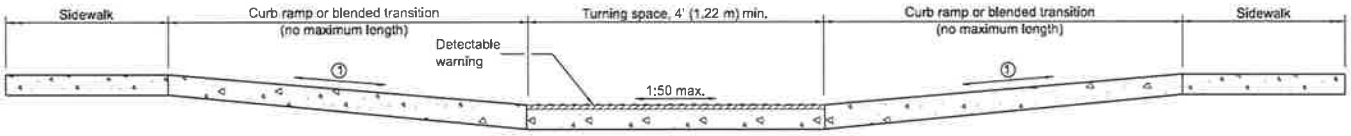
STANDARD 424001-11



PARALLEL MID-BLOCK CURB RAMP

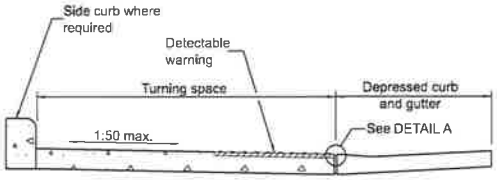


PERPENDICULAR MID-BLOCK CURB RAMP

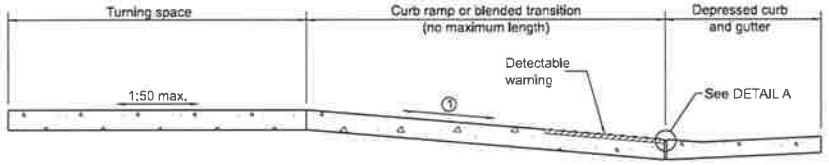


SECTION A-A

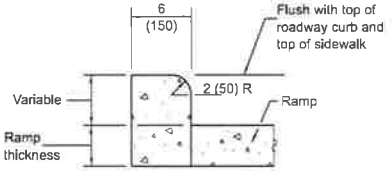
① The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.



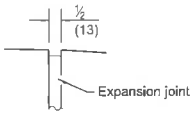
SECTION B-B



SECTION C-C



SIDE CURB DETAIL



DETAIL A

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.

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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

APPROVED 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	Removed upper landing, added
	blended transitions and detectable
	warning tolerances.
1-1-18	Omitted diagonal slope at turning
	spaces and upper landings.

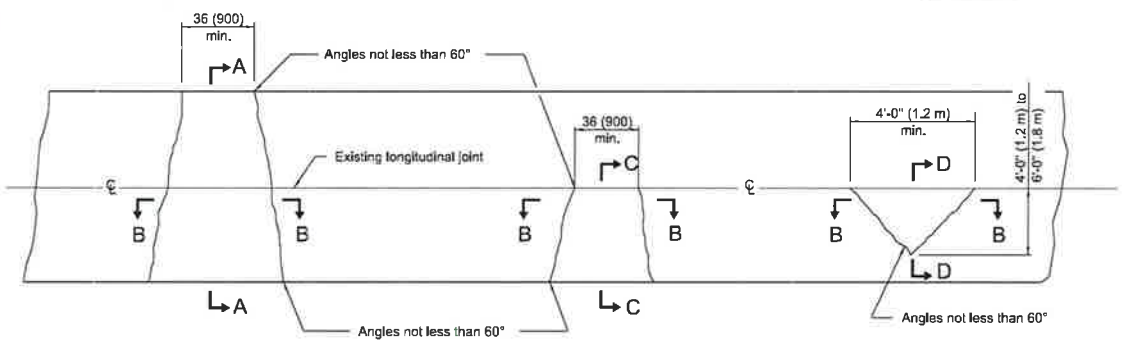
MID-BLOCK CURB RAMPS FOR SIDEWALKS

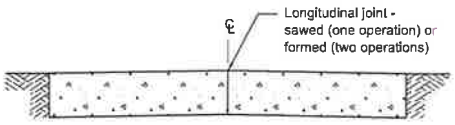
STANDARD 424016-05

ENGINEER COPY

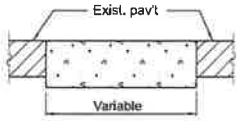
CONTRACT

CLASS C

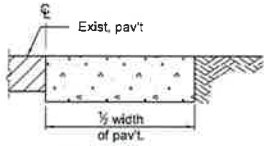




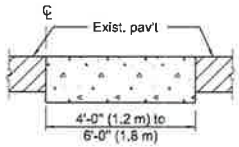
SECTION A-A



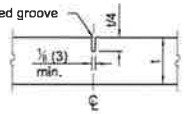
SECTION B-B



SECTION C-C



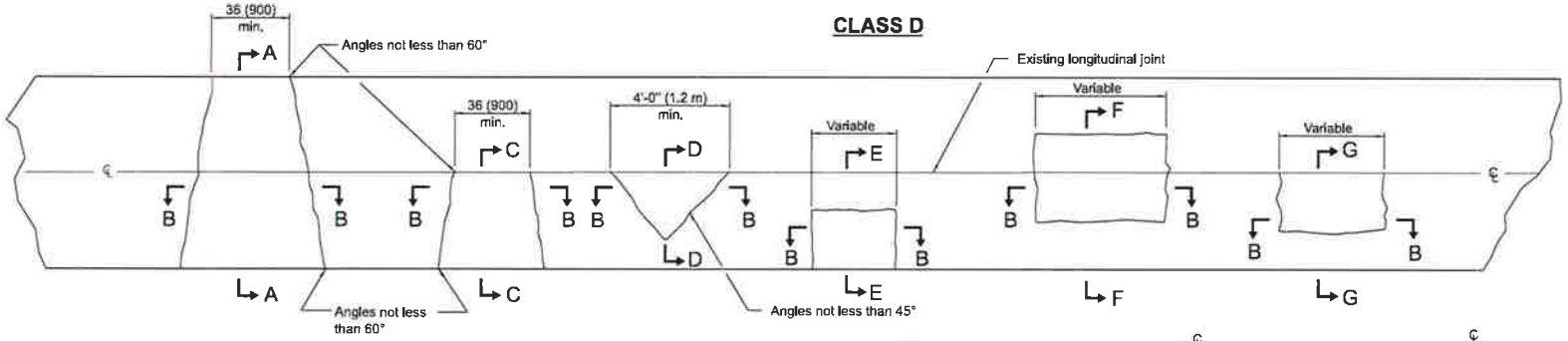
SECTION D-D

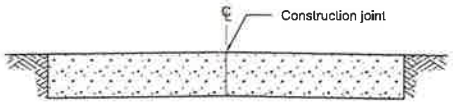


DETAIL OF SAWED CONTRACTION JOINT

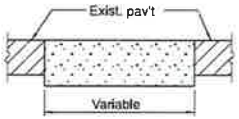
Note:
Longitudinal joints shall be as detailed on Standard 420001, except tie bars are not required for patches 20'-0" (6.0 m) or less in length.

CLASS D

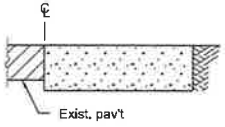




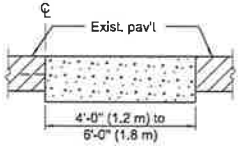
SECTION A-A
(Built in two operations)



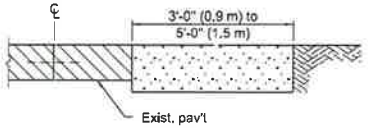
SECTION B-B



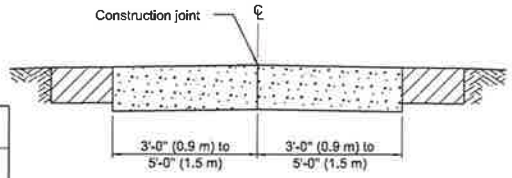
SECTION C-C



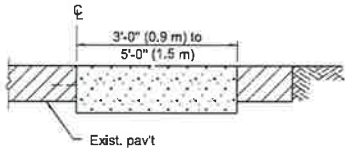
SECTION D-D



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

APPROVED January 1, 2008
ENGINEER OF POLICY AND PROCEDURES

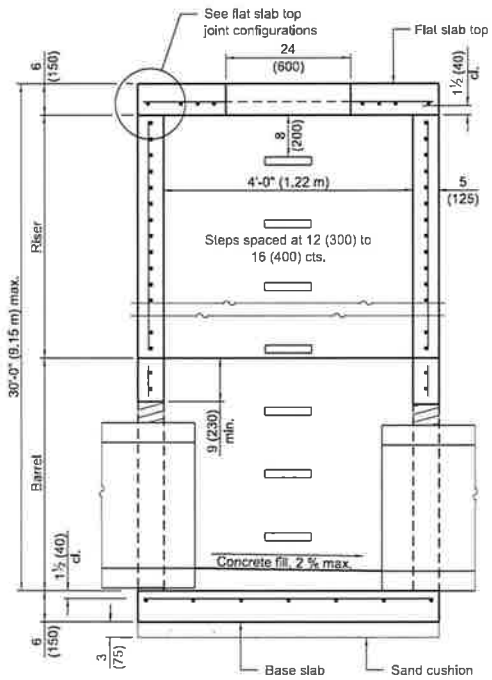
APPROVED January 1, 2008
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

DATE	REVISIONS
1-1-08	Switched units to English (metric).
1-1-07	Revised Note for Class C patches.

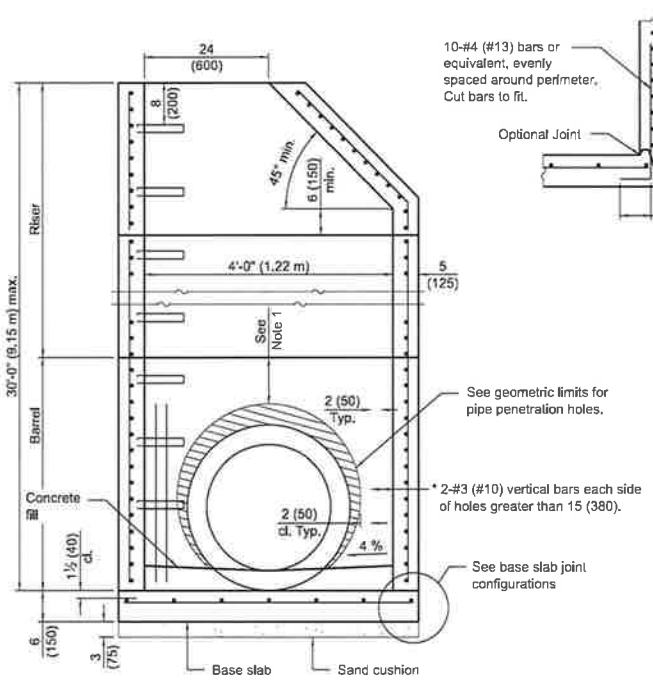
CLASS C and D PATCHES

STANDARD 442201-03



SECTION PARALLEL TO PIPE

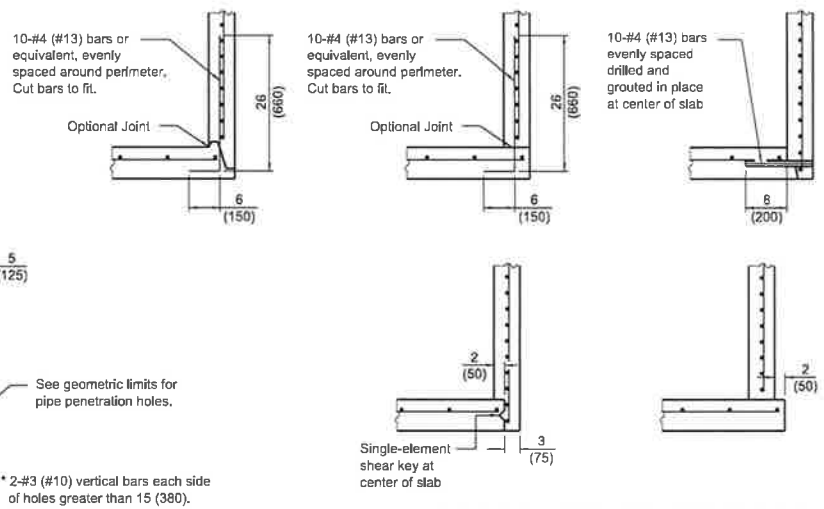
(Without conical top riser)



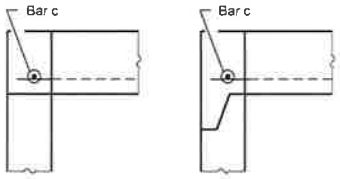
SECTION PERPENDICULAR TO PIPE

(With conical top riser)

* As an alternate, the barrel wall reinforcement may be reduced to riser wall reinforcement with #3 (#10) bars placed around the pipe penetration holes as shown. This option may be utilized when the pipe penetration holes are formed as opposed to cored.



BASE SLAB JOINT CONFIGURATIONS



FLAT SLAB TOP JOINT CONFIGURATIONS

(Shown at access hole)

GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

Note 1: A minimum of 9 (230) of monolithic reinforced concrete shall be maintained above pipe penetration holes > 24 (600).

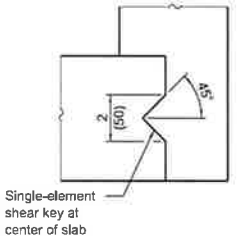
Note 2: A minimum 12 (300) inside arc length of reinforced concrete shall be maintained between pipe penetration holes > 15 (380).

Note 3: A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.

Note 4: Horizontal joints that intersect pipe penetration holes > 15 (380) shall have one joint splice for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is < 24 (600). See joint splice detail.

Note 5: The recommended pipe penetration hole is equal to the O.D. of the pipe plus 4 (100).

Note 6: Only pipe penetration holes ≤ 15 (380) are allowed in riser sections.



SHEAR KEY GEOMETRY

(Reinforcement not shown for clarity)

GENERAL NOTES

The manufacturer shall ensure that all precast manhole sections are additionally reinforced where required to resist damage from handling, shipping and installation stresses.

Lifting holes shall be located in the sections as per the manufacturer's recommendations.

See Standard 602701 for details of manhole steps.

All dimensions are in inches (millimeters) unless otherwise noted.

Illinois Department of Transportation

APPROVED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

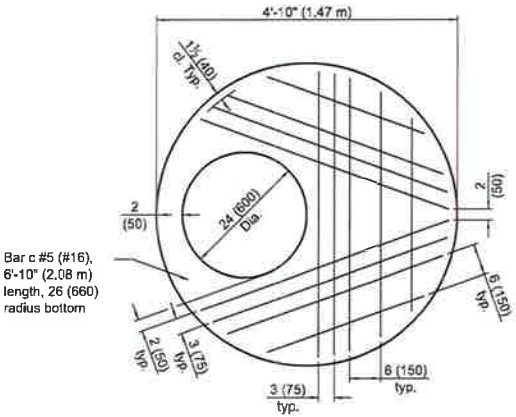
ISSUED 1-1-21

DATE	REVISIONS
1-1-21	Revised Note 1 and lift hole
	general note.
3-1-19	Moved wall reinforcement from
	inside face to middle.

PRECAST MANHOLE TYPE A 4' (1.22 m) DIAMETER

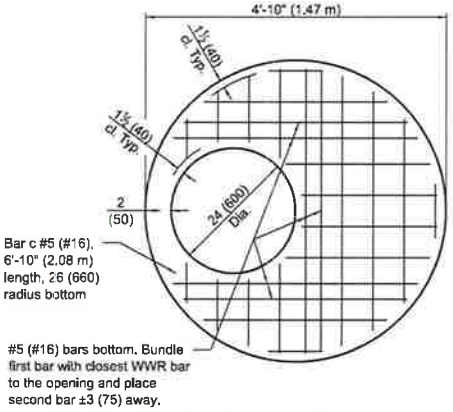
(Sheet 1 of 2

STANDARD 602401-07



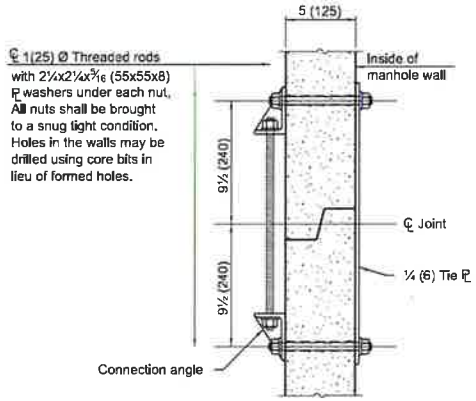
PLAN - FLAT SLAB TOP

(Showing layout of reinforcement bars and c bars)

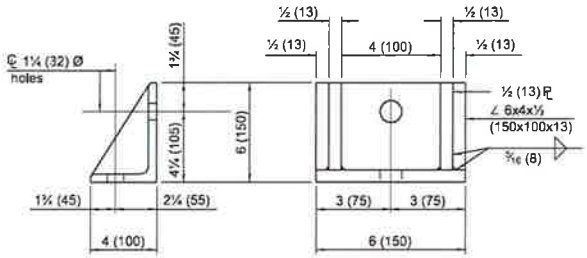


PLAN - FLAT SLAB TOP

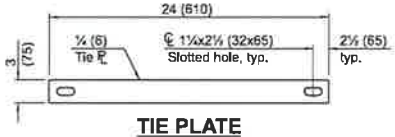
(Showing layout of welded wire reinforcement and c bars)



JOINT SPLICE



CONNECTION ANGLE



TIE PLATE

FLAT SLAB TOP REINFORCEMENT

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)

** Only one layer of WWR permitted to avoid congestion.

WALL REINFORCEMENT

Location	Orientation	WWR or Rebar	
		A_s(min.)	Spacing (max.)
Riser	Circumferential	0.12 sq. in./ft. (254 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)
Barrel	Circumferential	0.12 sq. in./ft. (254 sq. mm/m)	6 (150)
	Vertical	0.16 sq. in./ft. (339 sq. mm/m)	4 (100)

BASE SLAB REINFORCEMENT

Location	Total Height	WWR or Rebar (each direction)	
		A_s(min.)	Spacing (max.)
Top Mat	≤ 20 ft. (6.10 m)	0.24 sq. in./ft. (508 sq. mm/m)	10 (250)
	> 20 ft. (6.10 m)	0.24 sq. in./ft. (508 sq. mm/m)	10 (250)

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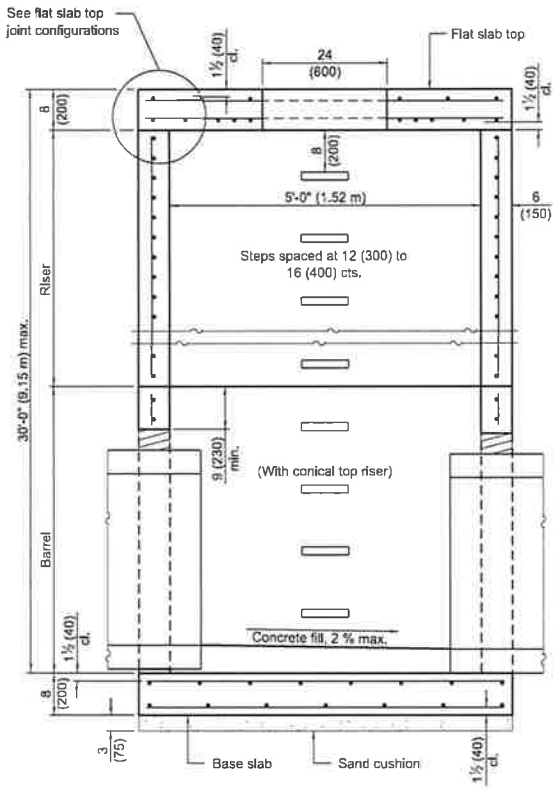
APPROVED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

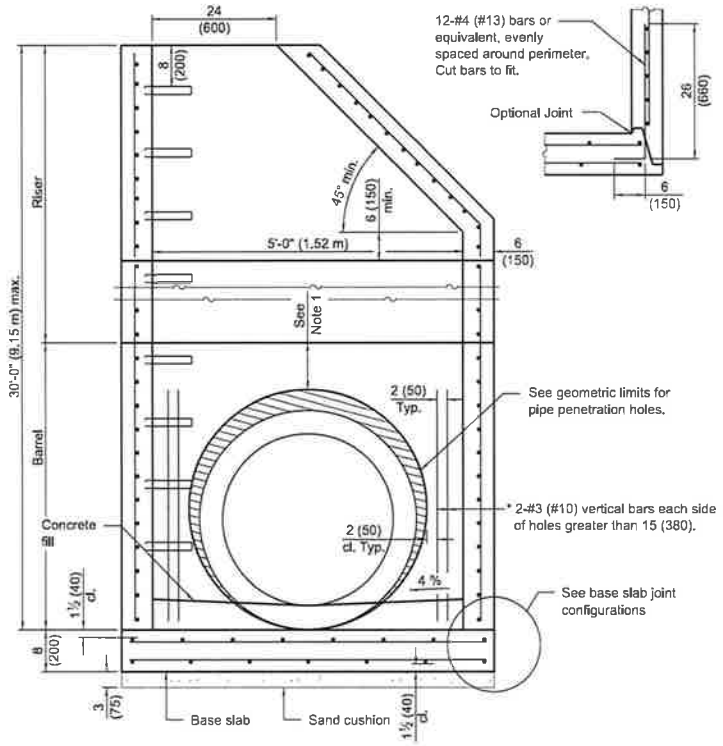
PRECAST MANHOLE TYPE A 4' (1.22 m) DIAMETER

STANDARD 602401-07



SECTION PARALLEL TO PIPE

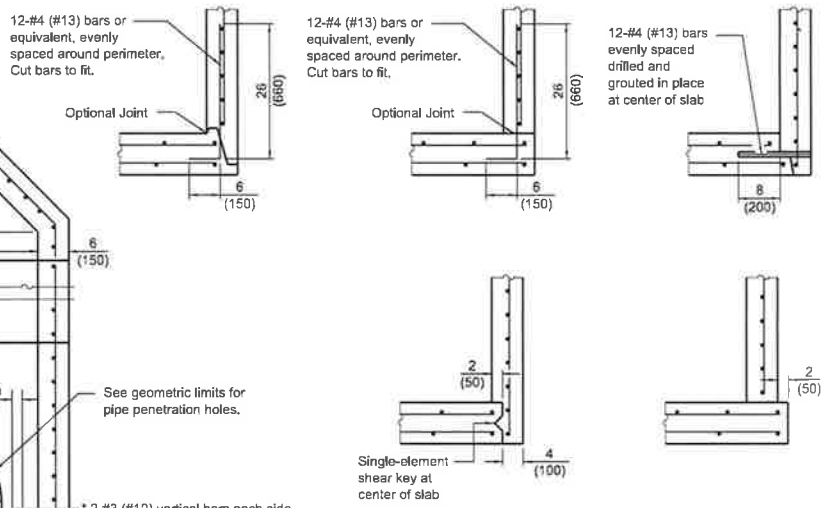
(Without conical top riser)



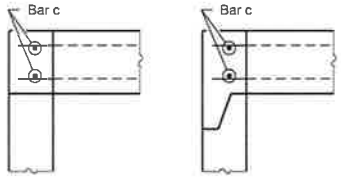
SECTION PERPENDICULAR TO PIPE

(With conical top riser)

* As an alternate, the barrel wall reinforcement may be reduced to riser wall reinforcement with #3 (#10) bars placed around the pipe penetration holes as shown. This option may be utilized when the pipe penetration holes are formed as opposed to cored.



BASE SLAB JOINT CONFIGURATIONS



FLAT SLAB TOP JOINT CONFIGURATIONS

(Shown at access hole)

GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

Note 1: A minimum of 9 (230) of monolithic reinforced concrete shall be maintained above pipe penetration holes > 32 (810).

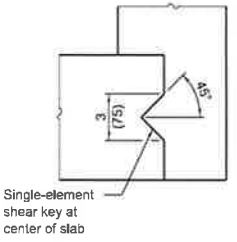
Note 2: A minimum 12 (300) inside arc length of reinforced concrete shall be maintained between pipe penetration holes > 15 (380).

Note 3: A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.

Note 4: Horizontal joints that intersect pipe penetration holes > 15 (380) shall have one joint splice for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is < 24 (600). See joint splice detail.

Note 5: The recommended pipe penetration hole is equal to the O.D. of the pipe plus 4 (100).

Note 6: Only pipe penetration holes ≤ 15 (380) are allowed in riser sections.



SHEAR KEY GEOMETRY

(Reinforcement not shown for clarity)

GENERAL NOTES

The manufacturer shall ensure that all precast manhole sections are additionally reinforced where required to resist damage from handling, shipping and installation stresses.

Lifting holes shall be located in the sections as per the manufacturer's recommendations.

See Standard 602701 for details of manhole steps.

All dimensions are in inches (millimeters) unless otherwise noted.

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APPROVED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

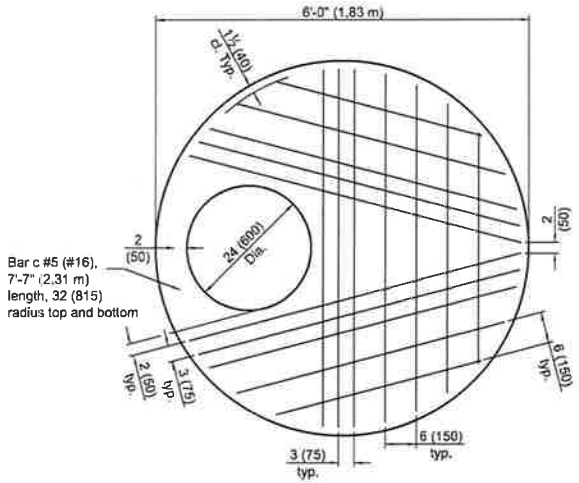
APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-19

DATE	REVISIONS
1-1-21	Revised Note 1 and lifting hole
	general note.
3-1-19	Moved wall reinforcement from
	inside face to middle.

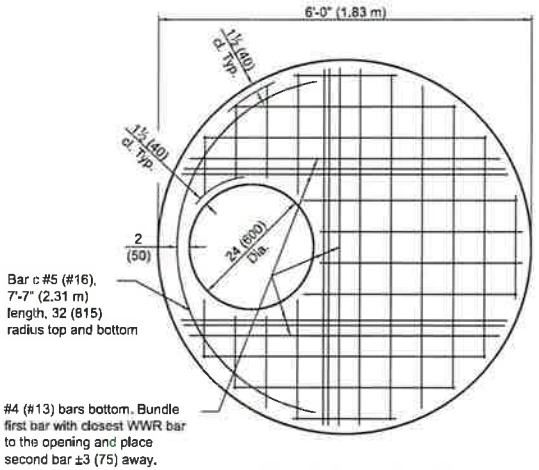
PRECAST MANHOLE TYPE A 5' (1.52 m) DIAMETER

STANDARD 602402-03



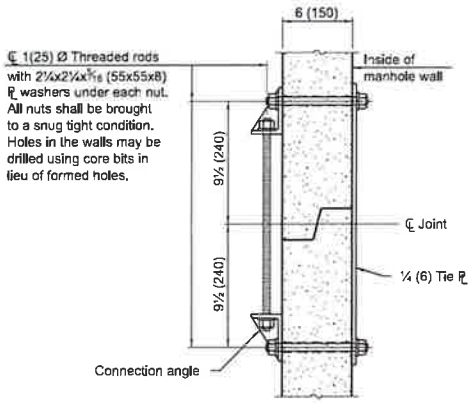
PLAN - FLAT SLAB TOP

(Showing layout of bottom reinforcement bars and c bars)

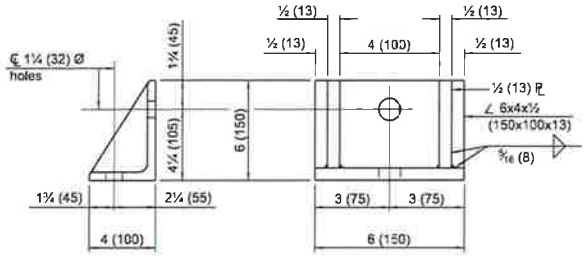


PLAN - FLAT SLAB TOP

(Showing layout of welded wire reinforcement and c bars)



JOINT SPLICE



CONNECTION ANGLE



TIE PLATE

FLAT SLAB TOP REINFORCEMENT

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.

WALL REINFORCEMENT

Location	Orientation	WWR or Rebar	
		A_s(min.)	Spacing (max.)
Riser	Circumferential	0.15 sq. in./ft. (318 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)
Barrel	Circumferential	0.15 sq. in./ft. (318 sq. mm/m)	6 (150)
	Vertical	0.16 sq. in./ft. (339 sq. mm/m)	4 (100)

BASE SLAB REINFORCEMENT

Location	Total Height	WWR or Rebar (each direction)	
		A_s(min.)	Spacing (max.)
Top Mat	≤ 20 ft. (6.10 m)	0.24 sq. in./ft. (508 sq. mm/m)	10 (250)
	> 20 ft. (6.10 m)	0.28 sq. in./ft. (593 sq. mm/m)	8 (200)
Bottom Mat	All	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)

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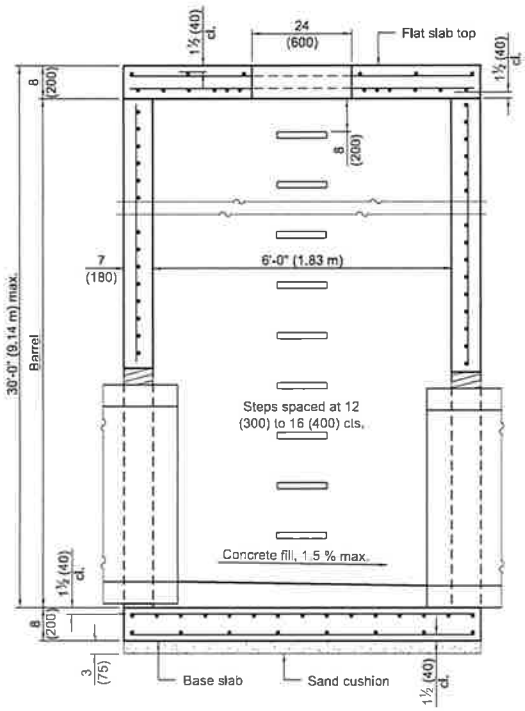
APPROVED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

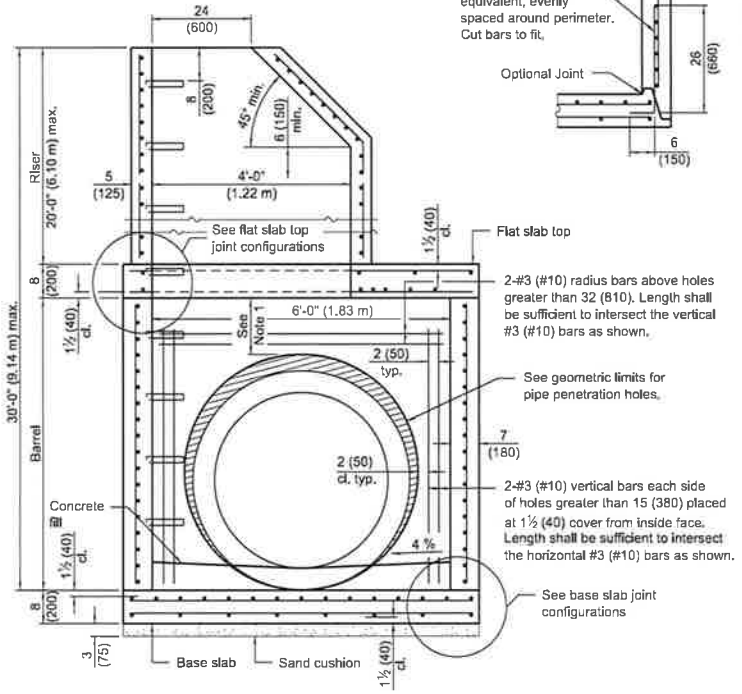
ISSUED 1-1-19

PRECAST MANHOLE TYPE A 5' (1.52 m) DIAMETER

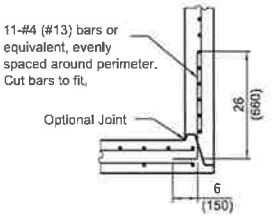
STANDARD 602402-03

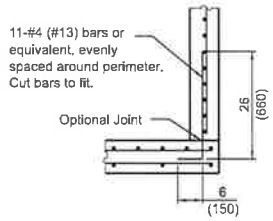


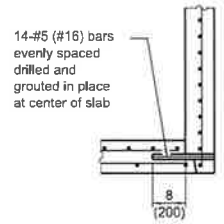
SECTION PARALLEL TO PIPE
(Without conical top riser)

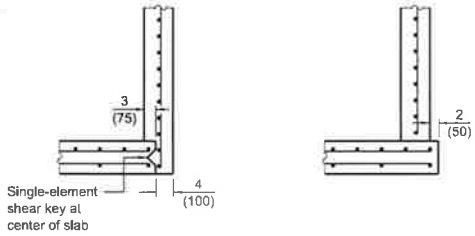


SECTION PERPENDICULAR TO PIPE
(With conical top riser)

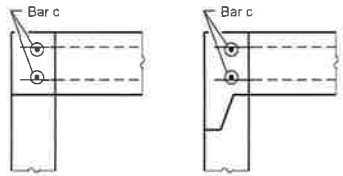








BASE SLAB JOINT CONFIGURATIONS



FLAT SLAB TOP JOINT CONFIGURATIONS
(Shown at access hole)

GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

Note 1: A minimum of 9 (230) of monolithic reinforced concrete shall be maintained above pipe penetration holes > 32 (810).

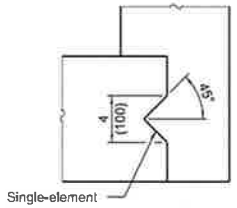
Note 2: A minimum 12 (300) inside arc length of reinforced concrete shall be maintained between pipe penetration holes > 15 (380).

Note 3: A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.

Note 4: Horizontal joints that intersect pipe penetration holes > 15 (380) shall have one joint splice for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is < 24 (600). See joint splice detail.

Note 5: The recommended pipe penetration hole is equal to the O.D. of the pipe plus 4 (100).

Note 6: Only pipe penetration holes ≤ 15 (380) are allowed in riser sections.



SHEAR KEY GEOMETRY
(Reinforcement not shown for clarity)

GENERAL NOTES

Pipe holes shall be formed to facilitate proper placement of hole reinforcement.

The manufacturer shall ensure that all precast manhole sections are additionally reinforced where required to resist damage from handling, shipping and installation stresses.

Lifting holes shall be located in the sections as per the manufacturer's recommendations.

See Standard 602701 for details of manhole steps.

All dimensions are in inches (millimeters) unless otherwise noted.

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APPROVED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

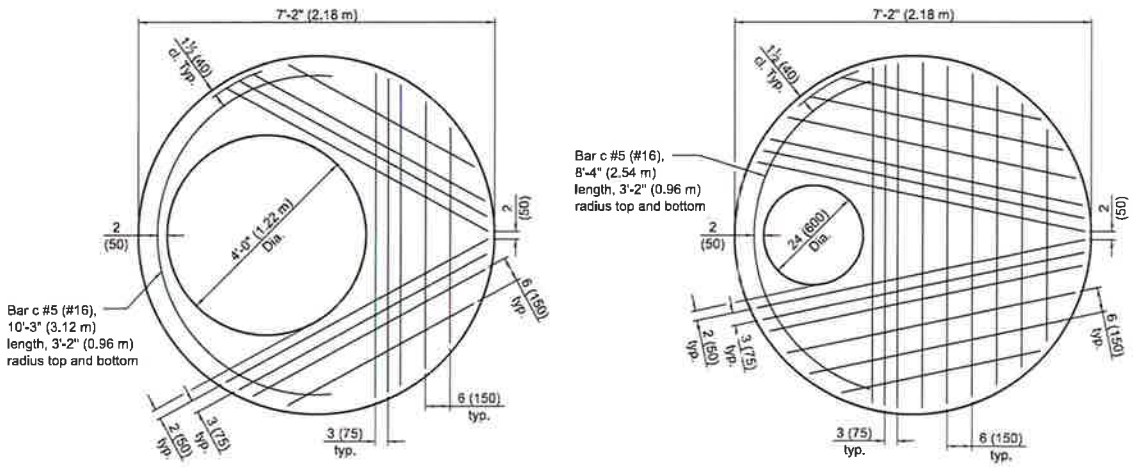
APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

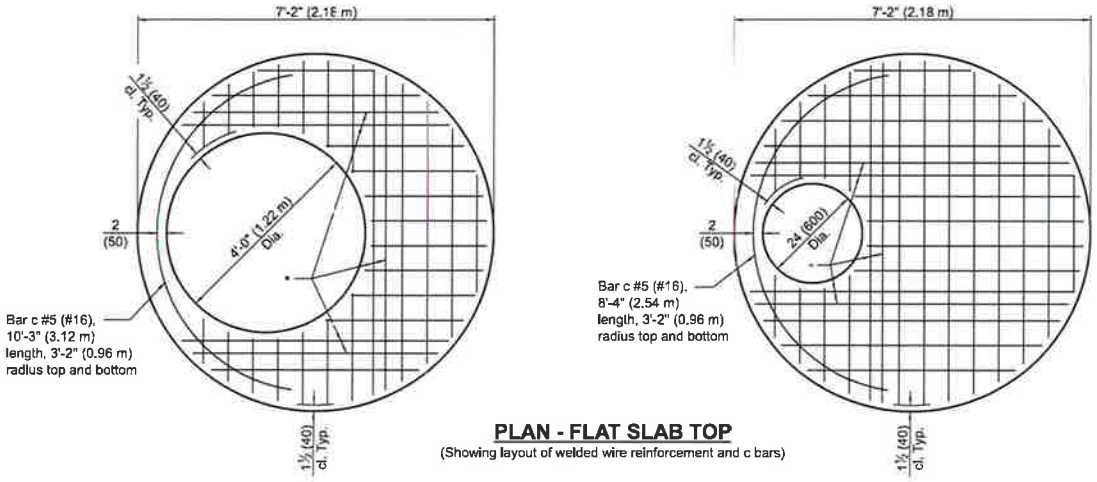
DATE	REVISIONS
1-1-21	Revised Note 1, Note 2, and
	lifting hole general note.
3-1-19	Moved wall reinforcement from
	inside face to middle.

PRECAST MANHOLE TYPE A 6' (1.83 m) DIAMETER

STANDARD 602406-11



PLAN - FLAT SLAB TOP
(Showing layout of bottom reinforcement bars and c bars)



PLAN - FLAT SLAB TOP
(Showing layout of welded wire reinforcement and c bars)

* #5 (#16) bars for risers ≤ 10 ft. (3.05 m) tall or #6 (#19) bars for risers > 10 ft. (3.05 m) tall bottom. Bundle first bar with closest WWR bar to the opening and place second bar ±3 (75) away.

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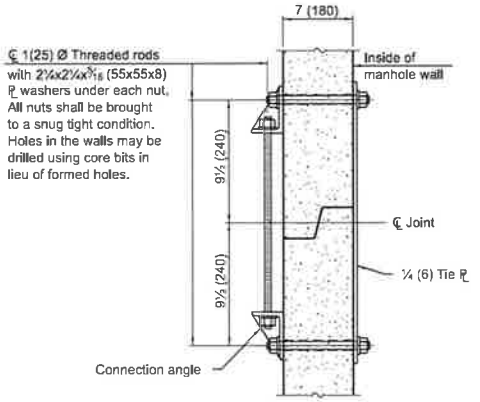
APPROVED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

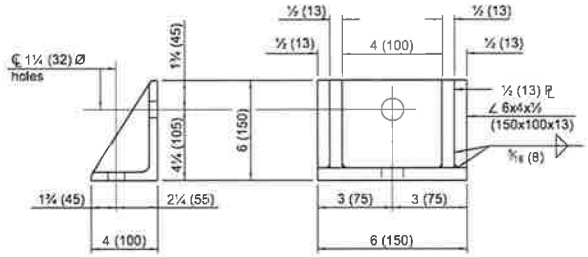
ISSUED 1-1-97

PRECAST MANHOLE TYPE A
6' (1.83 m) DIAMETER

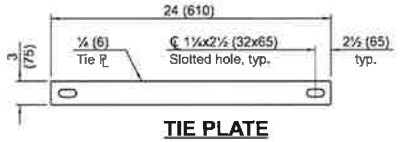
STANDARD 602406-11



JOINT SPLICE



CONNECTION ANGLE



TIE PLATE

FLAT SLAB TOP REINFORCEMENT

Location	Riser Height (RH)	WWR (each direction)		Rebar (each direction except as noted)		
		A_s(min.)	Spacing (max.)	A_s(min.)	Spacing (max.)	Bar Size
Top Mat	All	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	RH ≤ 10 ft. (3.05 m)	** 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)
	RH > 10 ft. (3.05 m)	** 0.88 sq. in./ft. (1863 sq. mm/m)	6 (150)			#6 (#19)

** Only one layer of WWR permitted to avoid congestion.

WALL REINFORCEMENT

Location	Orientation	WWR or Rebar	
		A_s(min.)	Spacing (max.)
4 ft. (1.22 m) Ø Riser	Circumferential	0.12 sq. in./ft. (254 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)
6 ft. (1.83 m) Ø Barrel	Circumferential	0.18 sq. in./ft. (381 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)

BASE SLAB REINFORCEMENT

Location	Riser Height (RH)/ Total Height (TH)	WWR or Rebar (each direction)	
		A_s(min.)	Spacing (max.)
Top Mat	RH ≤ 10 ft. (3.05 m) & TH ≤ 20 ft. (6.10 m)	0.28 sq. in./ft. (593 sq. mm/m)	6 (150)
	RH > 10 ft. (3.05 m) or TH > 20 ft. (6.10 m)	0.40 sq. in./ft. (847 sq. mm/m)	6 (150)
Bottom Mat	All	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)

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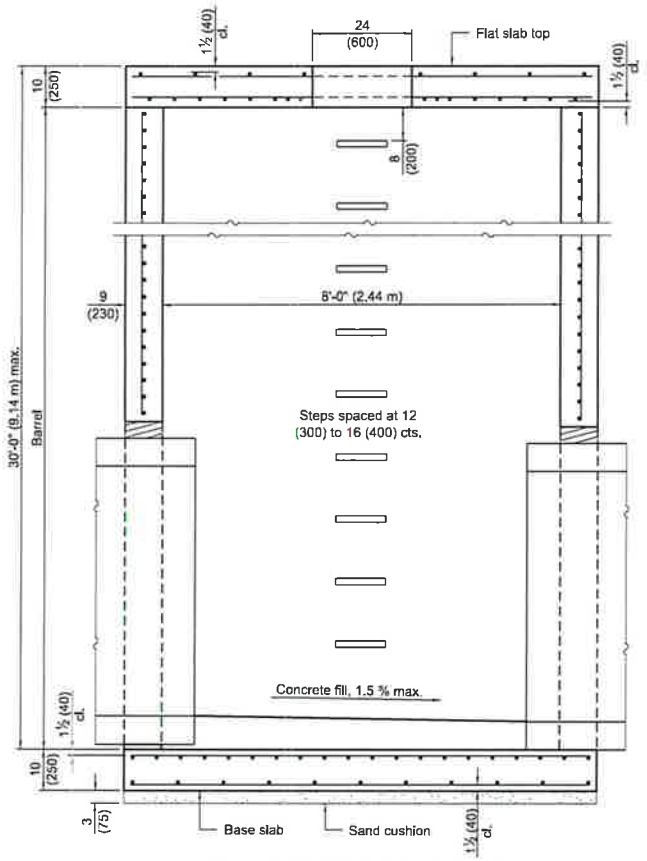
APPROVED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

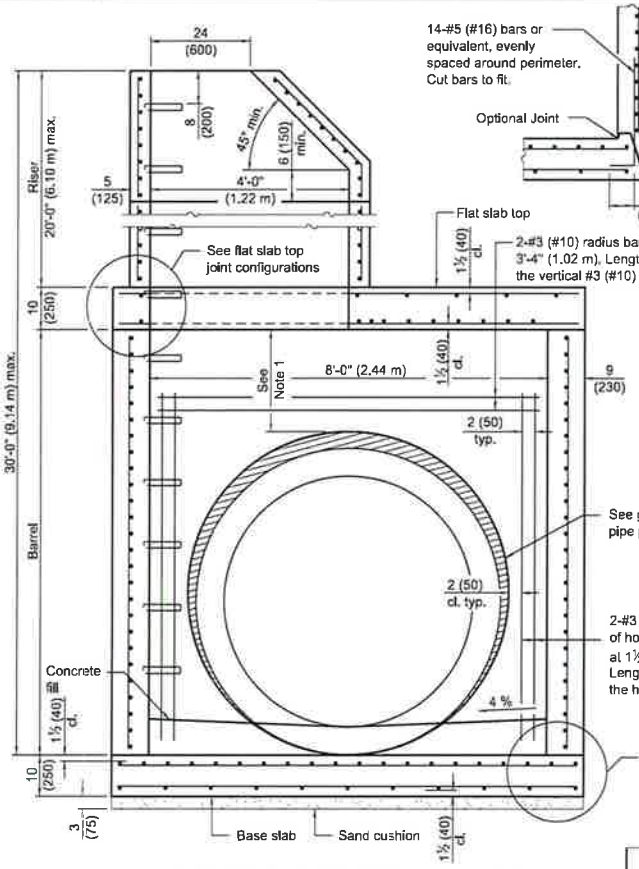
PRECAST MANHOLE TYPE A
6' (1.83 m) DIAMETER

STANDARD 602406-11



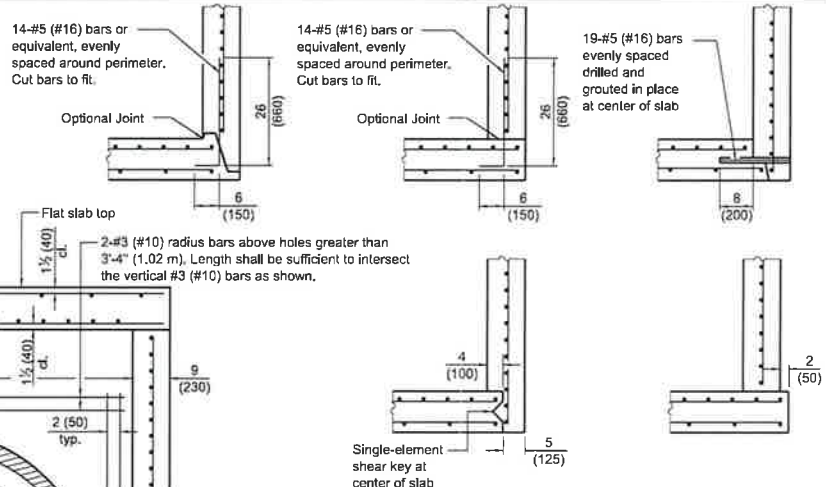
SECTION PARALLEL TO PIPE

(Without conical top riser)

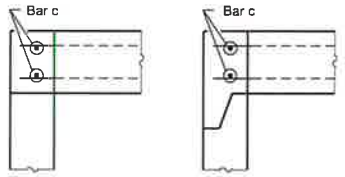


SECTION PERPENDICULAR TO PIPE

(With conical top riser)



BASE SLAB JOINT CONFIGURATIONS



FLAT SLAB TOP JOINT CONFIGURATIONS

(Shown at access hole)

GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

Note 1: A minimum of 12 (300) of monolithic reinforced concrete shall be maintained above pipe penetration holes > 3'-4" (1.02 m).

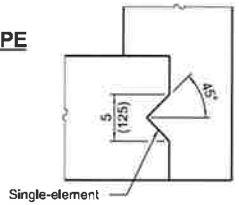
Note 2: A minimum 12 (300) inside arc length of reinforced concrete shall be maintained between pipe penetration holes > 15 (380).

Note 3: A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.

Note 4: Horizontal joints that intersect pipe penetration holes > 15 (380) shall have one joint splice for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is < 24 (600). See joint splice detail.

Note 5: The recommended pipe penetration hole is equal to the O.D. of the pipe plus 4 (100).

Note 6: Only pipe penetration holes ≤ 15 (380) are allowed in riser sections.



SHEAR KEY GEOMETRY

(Reinforcement not shown for clarity)

GENERAL NOTES

Pipe holes shall be formed to facilitate proper placement of hole reinforcement.

The manufacturer shall ensure that all precast manhole sections are additionally reinforced where required to resist damage from handling, shipping and installation stresses.

Lifting holes shall be located in the sections as per the manufacturer's recommendations.

See Standard 602701 for details of manhole steps.

All dimensions are in inches (millimeters) unless otherwise noted.

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APPROVED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

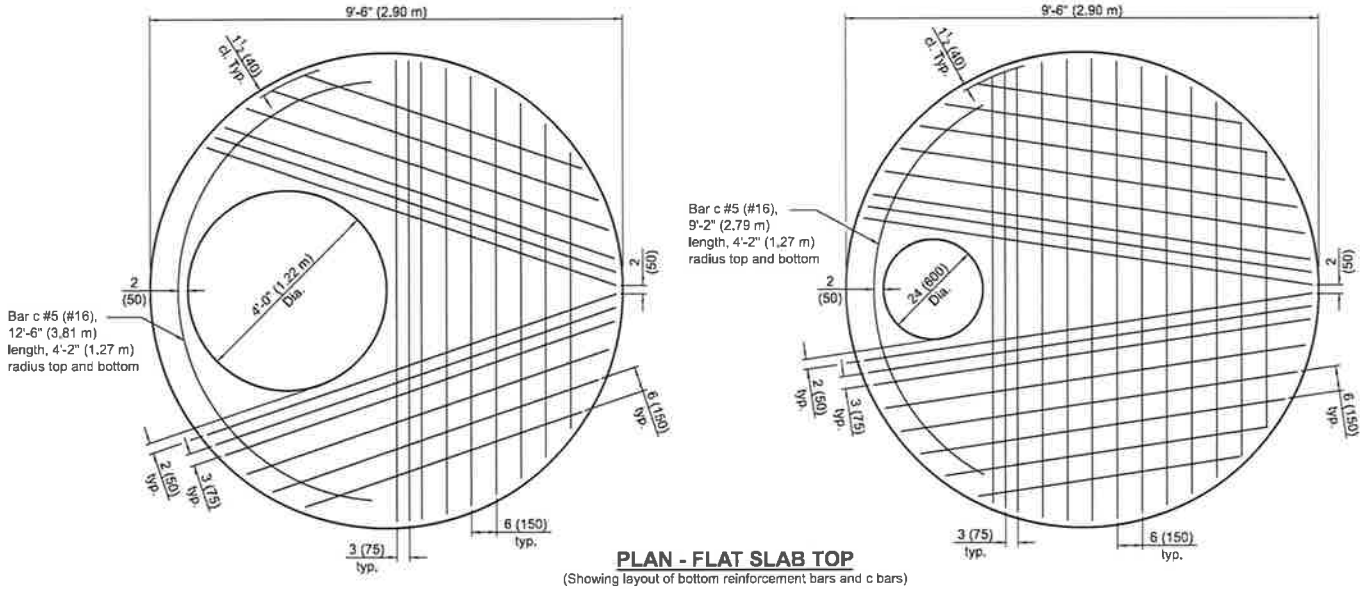
APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 4-1-06

DATE	REVISIONS
1-1-21	Revised Note 1 and lifting hole
	general note.
3-1-19	Moved wall reinforcement from
	inside face to middle.

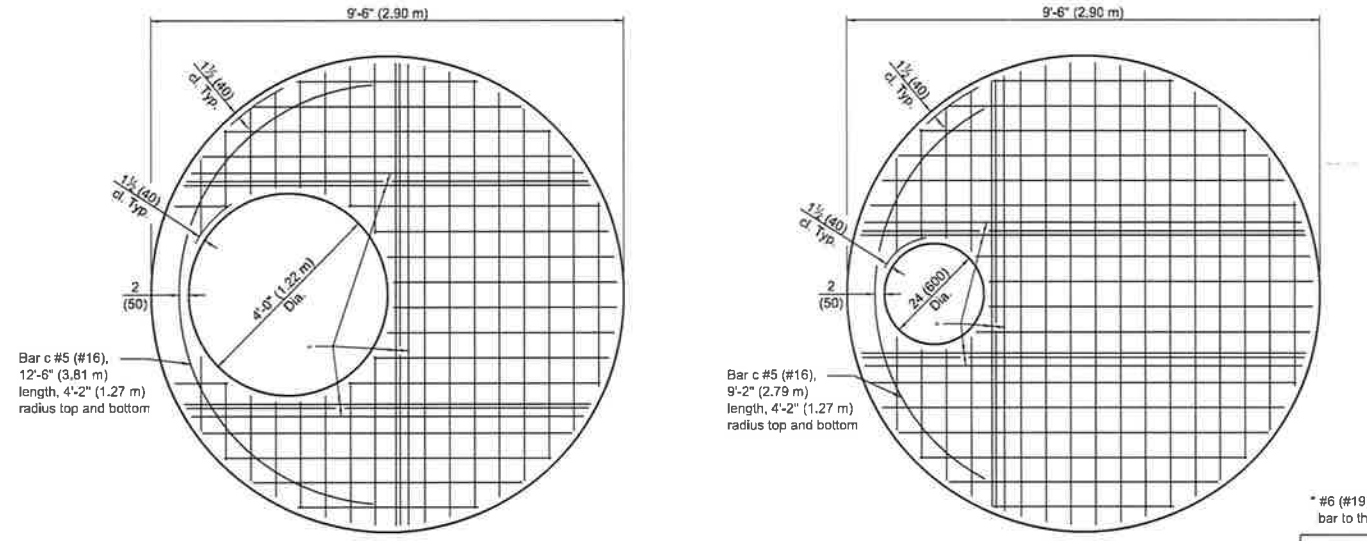
PRECAST MANHOLE TYPE A 8' (2.44 m) DIAMETER

STANDARD 602416-09



PLAN - FLAT SLAB TOP

(Showing layout of bottom reinforcement bars and c bars)



* #6 (#19) bars bottom. Bundle first bar with closest WWR bar to the opening and place second bar ±3 (75) away.

PLAN - FLAT SLAB TOP

(Showing layout of Welded Wire Reinforcement and c bars)
WWR not permitted for riser heights > 10' (3.05 m).

Illinois Department of Transportation

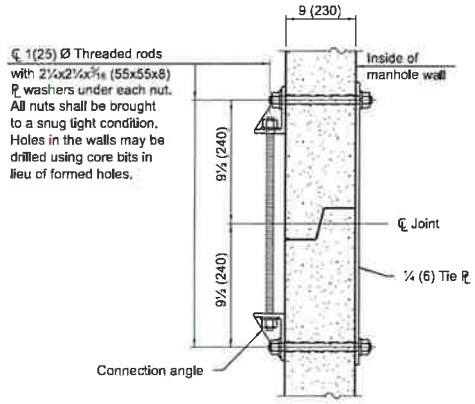
APPROVED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

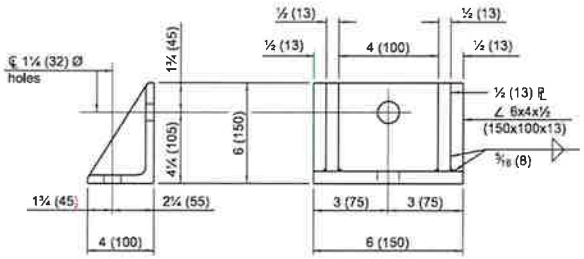
ISSUED 4-1-06

PRECAST MANHOLE TYPE A
8' (2.44 m) DIAMETER

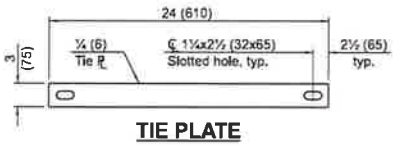
STANDARD 602416-09



JOINT SPLICE



CONNECTION ANGLE



TIE PLATE

FLAT SLAB TOP REINFORCEMENT

Location	Riser Height (RH)	WWR (each direction)		Rebar (each direction except as noted)		
		A_s (min.)	Spacing (max.)	A_s (min.)	Spacing (max.)	Bar Size
Top Mat	All	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	RH ≤ 10 ft. (3.05 m)	** 0.88 sq. in./ft. (1863 sq. mm/m)	6 (150)	See plan view for rebar orientation and spacing and this table for bar size		#6 (#19)
	RH > 10 ft. (3.05 m)	WWR not permitted				#7 (#22)

** Only one layer of WWR permitted to avoid congestion.

WALL REINFORCEMENT

Location	Orientation	WWR or Rebar	
		A_s (min.)	Spacing (max.)
4 ft. (1.22 m) Ø Riser	Circumferential	0.12 sq. in./ft. (254 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)
8 ft. (2.44 m) Ø Barrel	Circumferential	0.24 sq. in./ft. (508 sq. mm/m)	6 (150)
	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)

BASE SLAB REINFORCEMENT

Location	Riser Height (RH)/ Total Height (TH)	WWR or Rebar (each direction)	
		A_s (min.)	Spacing (max.)
Top Mat	RH ≤ 10 ft. (3.05 m) & TH ≤ 20 ft. (6.10 m)	0.36 sq. in./ft. (762 sq. mm/m)	6 (150)
	RH > 10 ft. (3.05 m) or TH > 20 ft. (6.10 m)	0.60 sq. in./ft. (1270 sq. mm/m)	6 (150)
Bottom Mat	All	0.11 sq. in./ft. (233 sq. mm/m)	18 (450)

Illinois Department of Transportation

APPROVED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

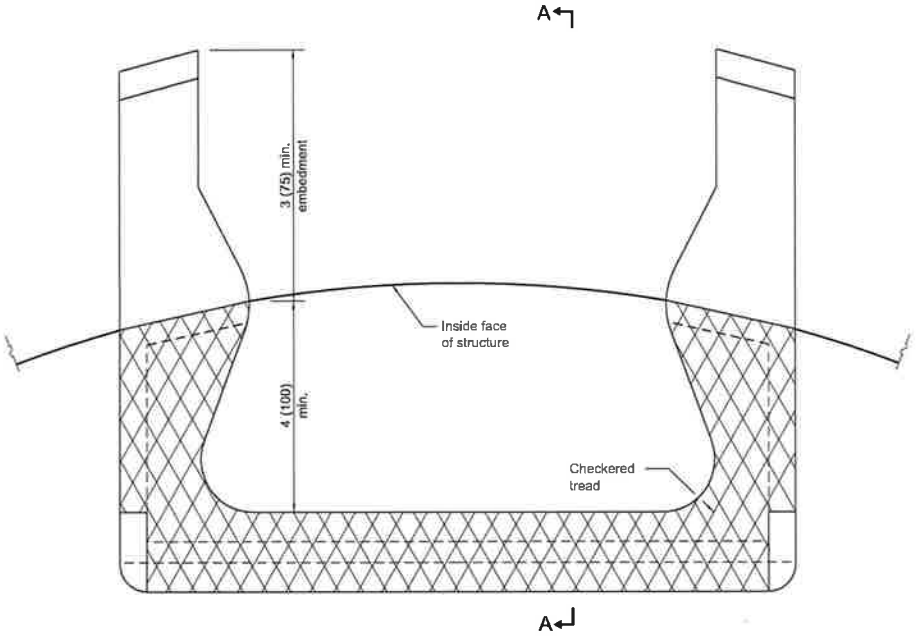
APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 4-1-06

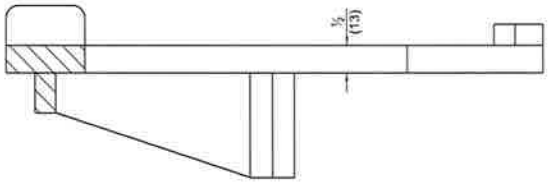
PRECAST MANHOLE TYPE A 8' (2.44 m) DIAMETER

STANDARD 602416-09

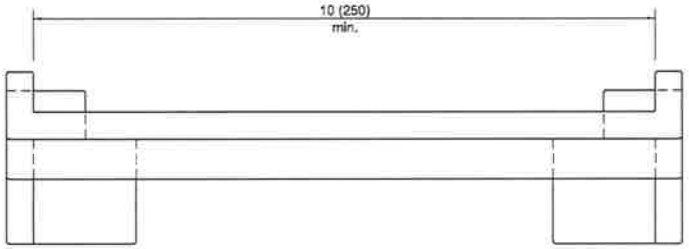
CAST IRON STEPS



PLAN VIEW



SECTION A-A



ELEVATION VIEW

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2009
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-09

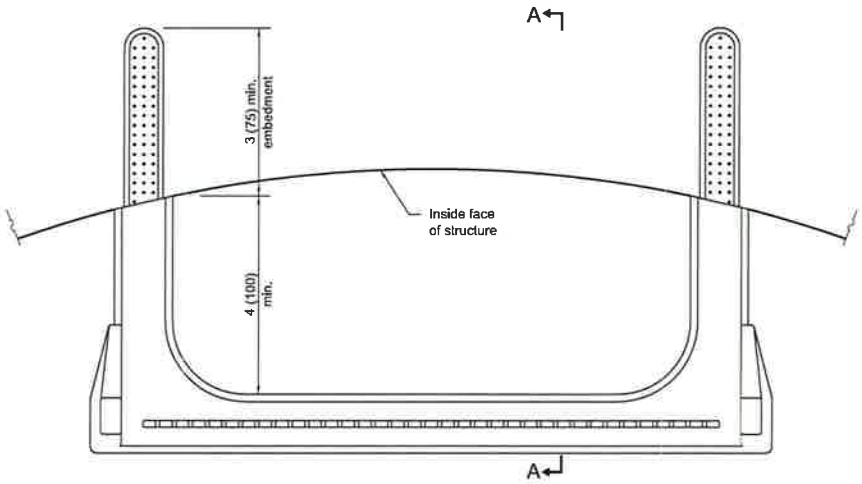
DATE	REVISIONS
1-1-09	Switched units to English (metric).
4-1-06	Revised title, drawings, and added
	plastic steps on sheet 2.

MANHOLE STEPS

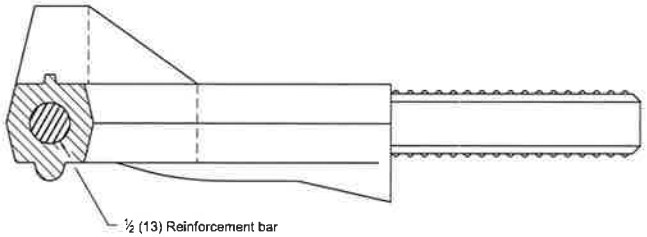
(Sheet 1 of 2

STANDARD 602701-02

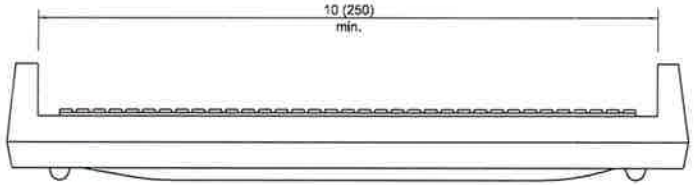
PLASTIC STEPS



PLAN VIEW



SECTION A-A



ELEVATION VIEW

Illinois Department of Transportation

APPROVED January 1, 2009
ENGINEER OF POLICY AND PROCEDURES

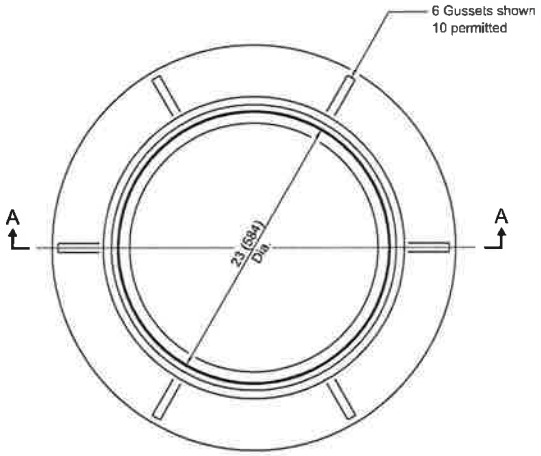
APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

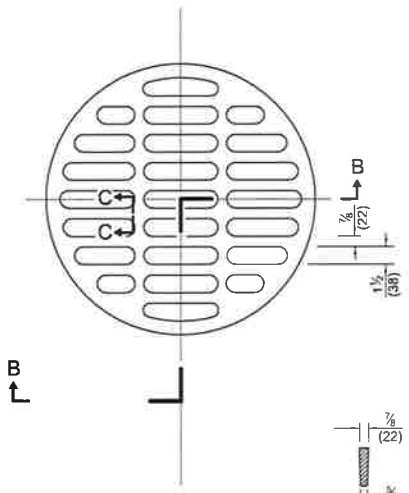
MANHOLE STEPS

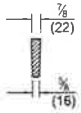
(Sheet 2 of 2

STANDARD 602701-02

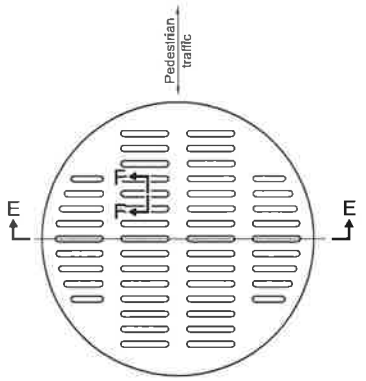


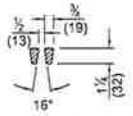
CAST FRAME



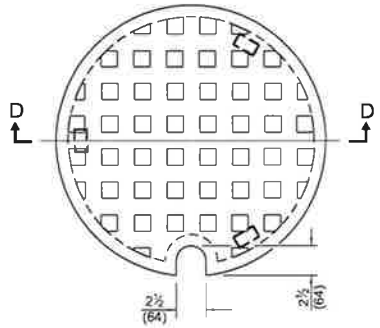


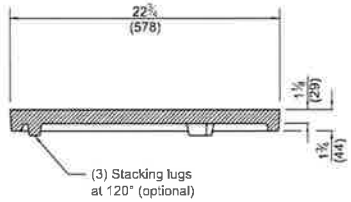
SECTION C-C





SECTION F-F

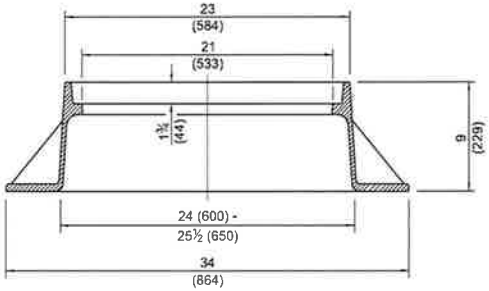




SECTION D-D

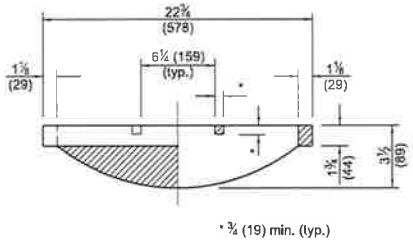
CAST CLOSED LID

Gray Iron Lid



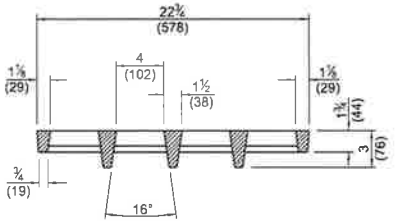
SECTION A-A

Gray Iron



SECTION B-B

CAST OPEN LID



SECTION E-E

ADA COMPLIANT CAST OPEN LID

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-20	Revised dimension in Section B-B
	of cast open lid.
1-1-15	Revised dimensioning of frame.
	Added ADA compliant open lid.

FRAME AND LIDS TYPE 1

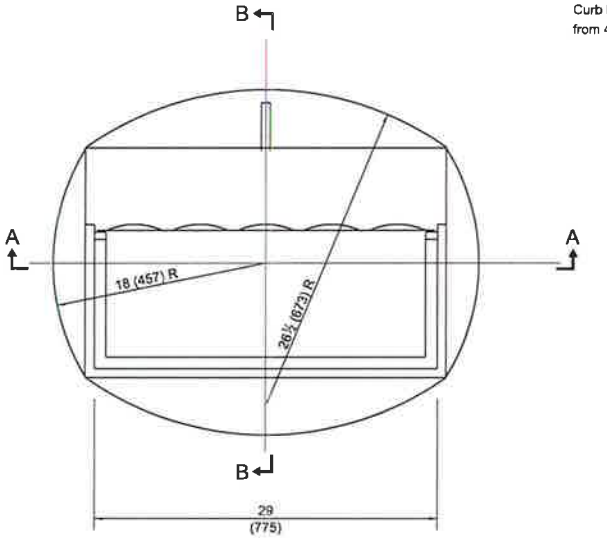
STANDARD 604001-05

Illinois Department of Transportation

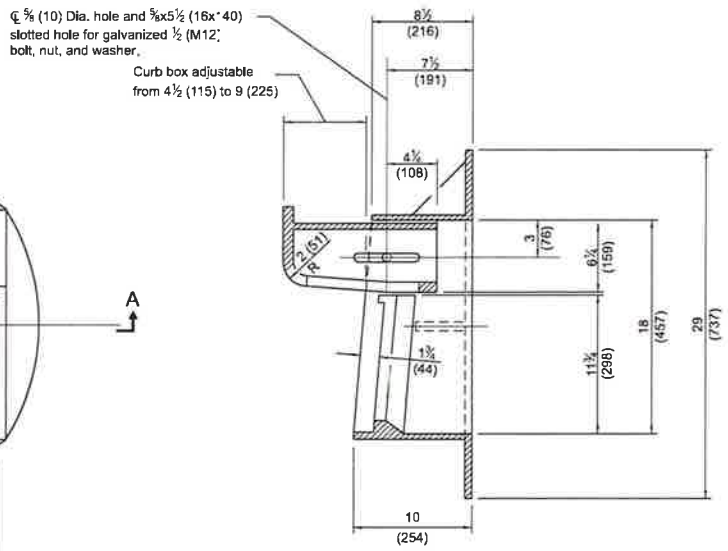
APPROVED January 1, 2020
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2020
ENGINEER OF DESIGN AND ENVIRONMENT

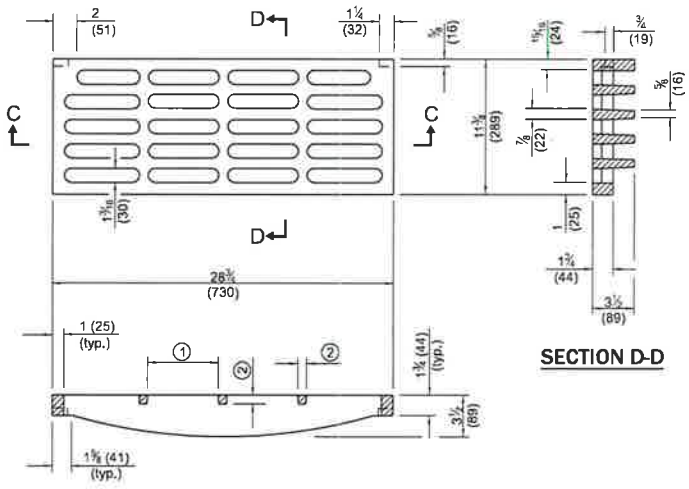
ISSUED 1-1-17



CAST FRAME



SECTION B-B



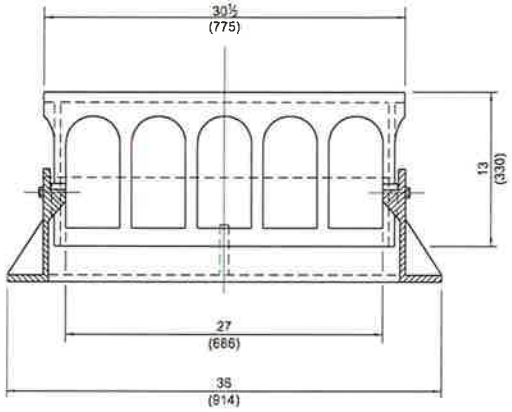
SECTION C-C

SECTION D-D

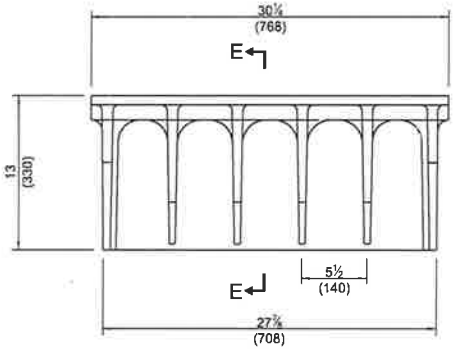
① = 6¼ (159) max. (typ.)

② = ¾ (19) min. (typ.)

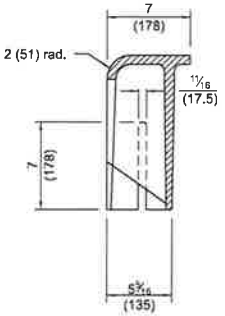
CAST GRATE



SECTION A-A



ALTERNATE CURB BOX



SECTION E-E

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

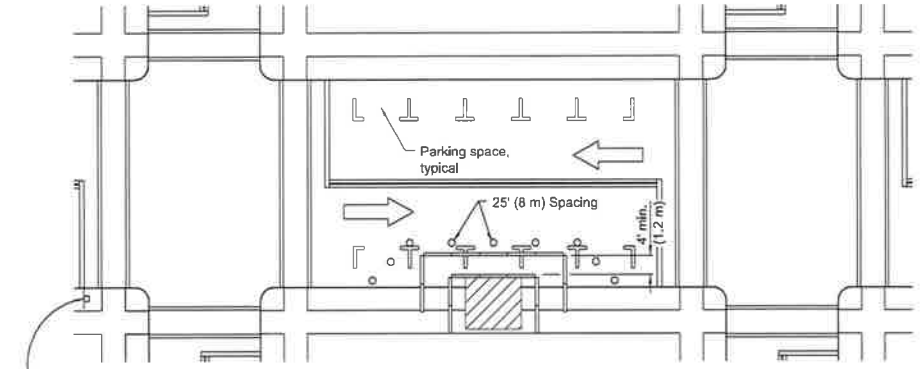
APPROVED January 1, 2015
Michael Brand
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

DATE	REVISIONS
1-1-15	Revised dimensions of frame and alternate curb box.
4-1-09	Switched units to English (metric).

FRAME AND GRATE TYPE 11

STANDARD 604051-04



① ROAD CONSTRUCTION AHEAD — W20-I103(0)-48 for contract construction projects

Or

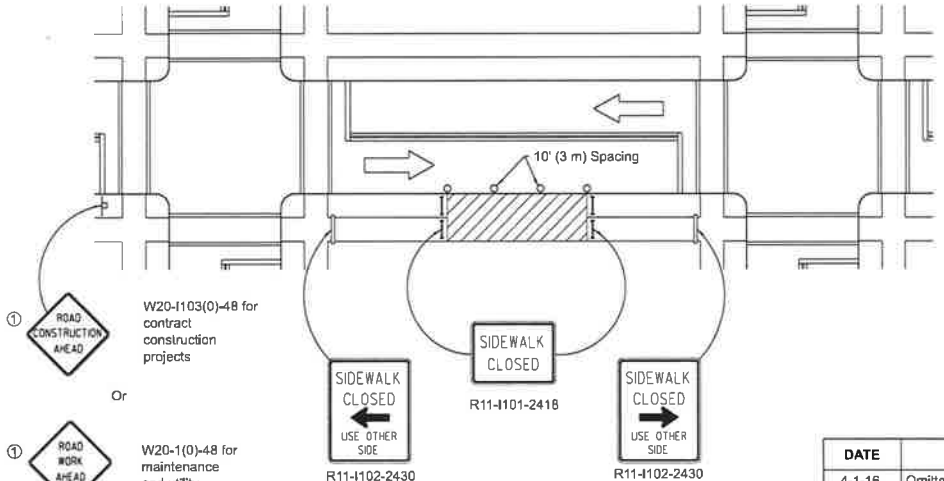
① ROAD WORK AHEAD — W20-1(0)-48 for maintenance and utility projects

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

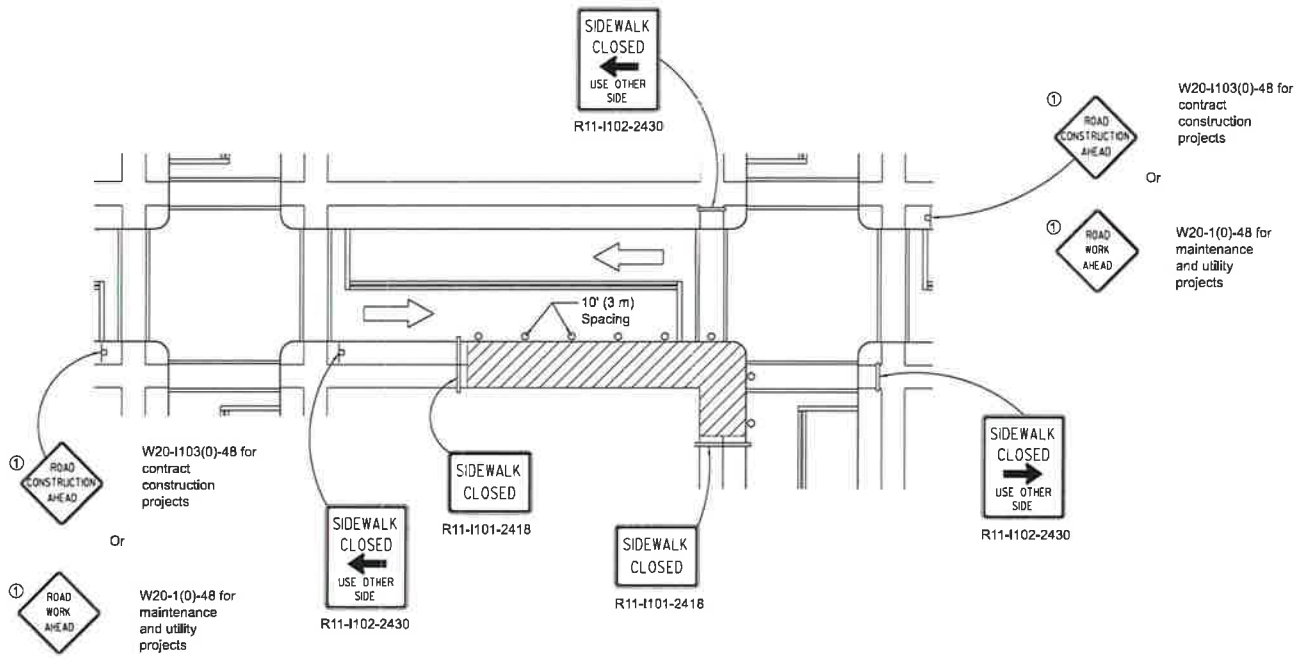
APPROVED January 2016
ENGINEER OF SAFETY ENGINEERING
APPROVED January 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

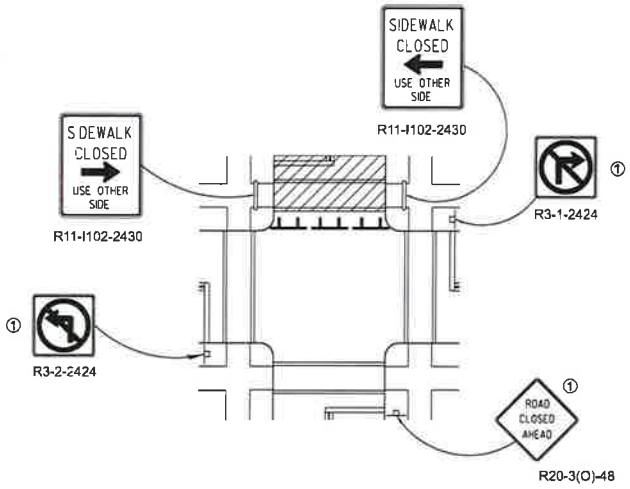
DATE	REVISIONS
4-1-16	Omitted orange safety fence from
	standard as this is covered in
	the standard spec.
1-1-12	Added SIDEWALK DIVERSION.
	Modified appearance of plan views.
	Renamed Standard.

SIDEWALK, CORNER OR CROSSWALK CLOSURE

STANDARD 701801-06



CORNER CLOSURE



CROSSWALK CLOSURE

Illinois Department of Transportation

APPROVED January 2016
ENGINEER OF SAFETY ENGINEERING

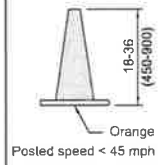
APPROVED January 2016
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

SIDEWALK, CORNER OR CROSSWALK CLOSURE

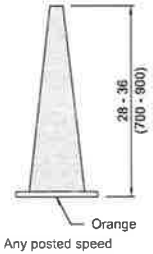
(Sheet 2 of 2)

STANDARD 701801-06



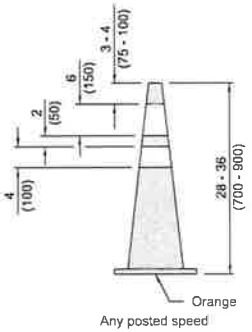
Posted speed < 45 mph

DAYTIME USE



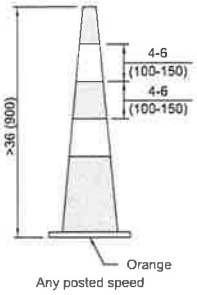
Any posted speed

CONES

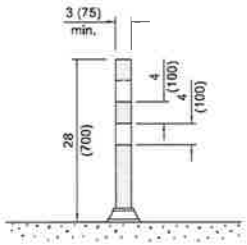


Any posted speed

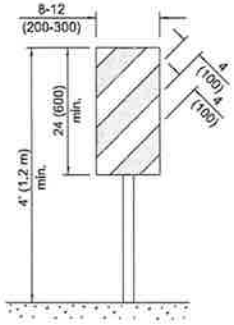
DAY OR NIGHTTIME USE



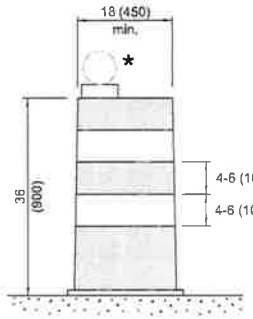
Any posted speed



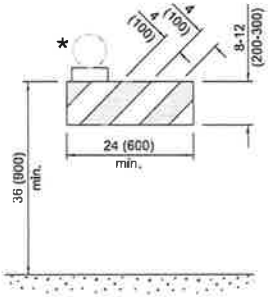
TUBULAR MARKER



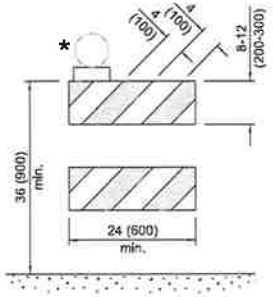
VERTICAL PANEL
POST MOUNTED



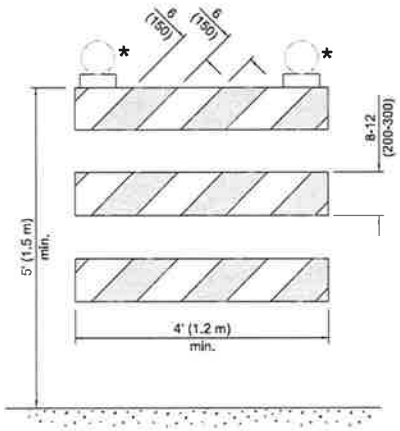
DRUM



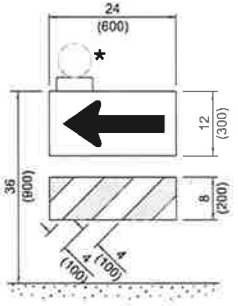
TYPE I BARRICADE



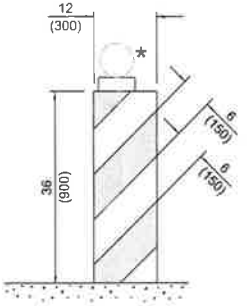
TYPE II BARRICADE



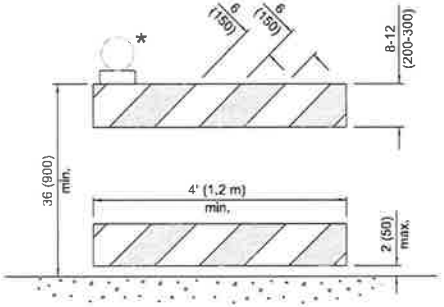
TYPE III BARRICADE



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, 2024
ENGINEER OF SAFETY PROGRAMS AND ENGINEERING

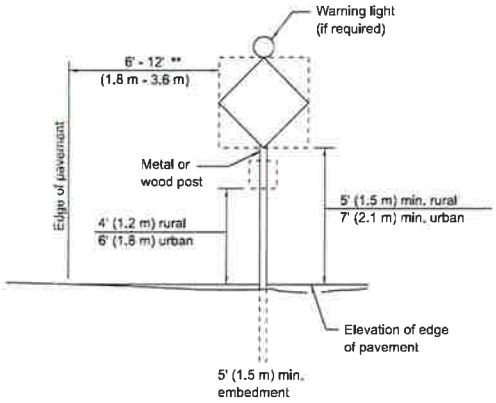
APPROVED January 1, 2024
ENGINEER OF DESIGN AND ENVIRONMENT

Effective Date

DATE	REVISIONS
1-1-24	Revised Type III Barricade notes
	(sht. 3) & moved warning light on
	post mounted signs to top center.
1-1-19	Revised conces usage and added
	cones > 36" (900 mm) height.

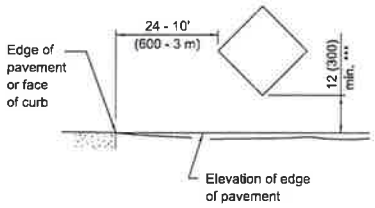
TRAFFIC CONTROL DEVICES

STANDARD 701901-09



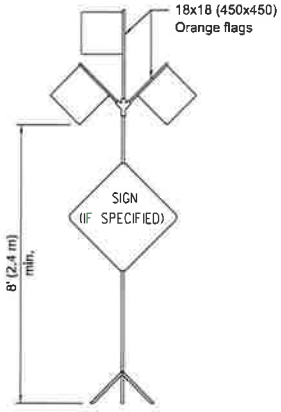
POST MOUNTED SIGNS

** 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.

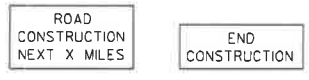


SIGNS ON TEMPORARY SUPPORTS

*** 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

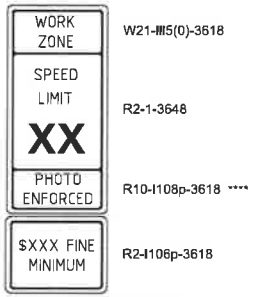
This signing is required for all projects 2 miles (3200 m) or more in length.

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.



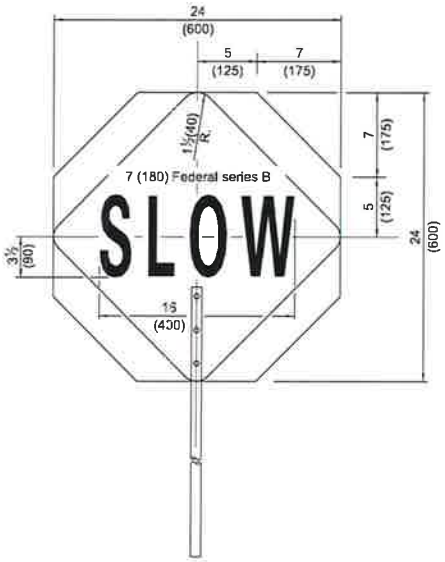
W12-I103-4848

WIDTH RESTRICTION SIGN

XX'-XX" width and X miles are variable.



FRONT SIDE



REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

**** R10-I108p shall only be used along roadways under the jurisdiction of the State.

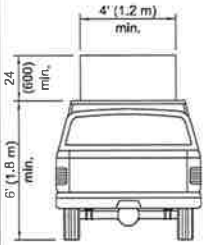
Illinois Department of Transportation

APPROVED January 1, 2024
ENGINEER OF SAFETY, TRAFFIC AND ENGINEERING

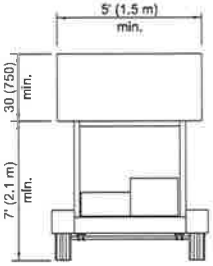
APPROVED January 1, 2024
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

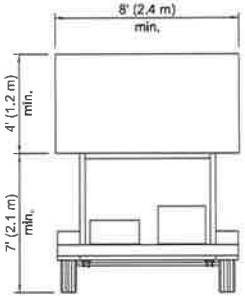
TRAFFIC CONTROL DEVICES



TYPE A ROOF MOUNTED

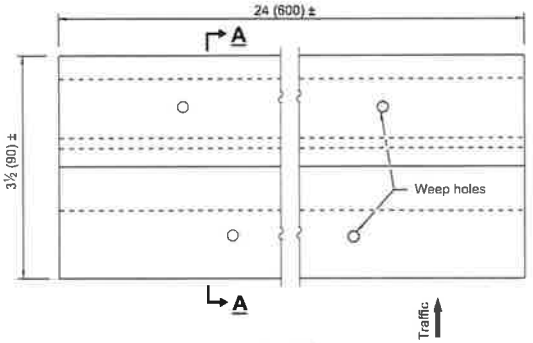


TYPE B ROOF OR TRAILER MOUNTED

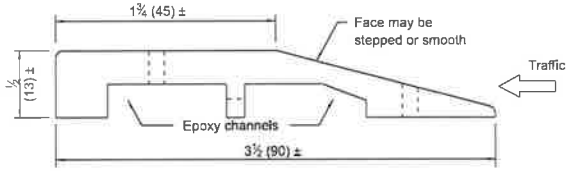


TYPE C TRAILER MOUNTED

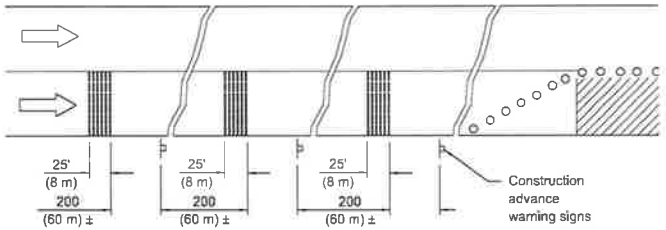
ARROW BOARDS

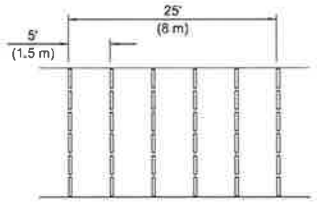


PLAN



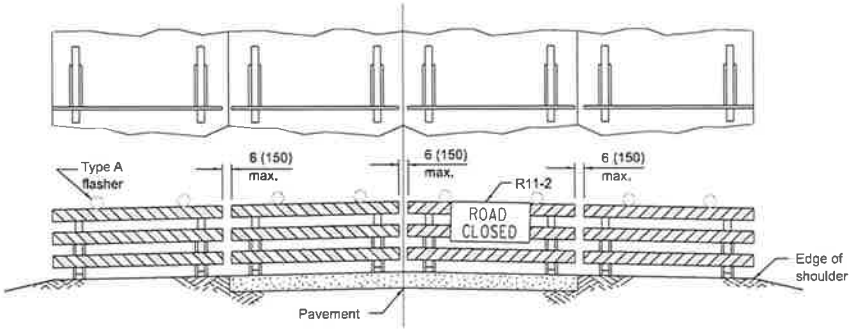
SECTION A-A





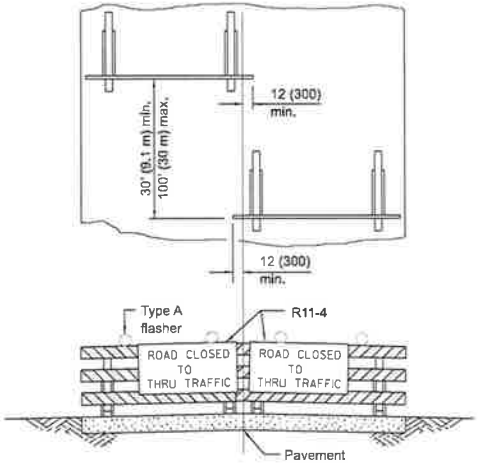
TYPICAL INSTALLATION

TEMPORARY RUMBLE STRIPS



ROAD CLOSED TO ALL TRAFFIC

Reflectorized striping may be omitted on the back side of the barricades.



ROAD CLOSED TO THRU TRAFFIC

Reflectorized striping shall appear on both sides of the barricades.

Illinois Department of Transportation

APPROVED January 1, 2024
ENGINEER OF SAFETY PROGRAMS AND ENGINEERING

APPROVED January 1, 2024
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

If a Type III barricade with an attached sign panel which meets NCHRP 350 or MASH is not available, the sign may be mounted on an NCHRP 350 or MASH temporary sign support directly in front of the barricade.

TRAFFIC CONTROL DEVICES

STANDARD 701901-09

APPENDIX E

GEOTECHNICAL REPORT

SOIL CHARACTERIZATION

ENGINEER COPY

CONTRACT

SOIL AND MATERIAL CONSULTANTS, INC.

Office: 847-870-0544
Fax: 847-870-0661
us@soilandmaterialconsultants.com
www.soilandmaterialconsultants.com

September 15, 2022
File No. 26778

Ms. Lauren Montero, P.E.
V3 Companies
7325 Janes Avenue
Woodridge, IL 60517

Re: Geotechnical Investigation
Drainage & Roadway Improvements
Villa Park, Illinois

Dear Ms. Montero:

We are submitting our report for the subsurface investigation completed at locations proposed by the client in the Village of Villa Park, 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 drainage and roadway improvements.

SCOPE OF THE INVESTIGATION

The field investigation included obtaining (7) borings and (3) pavement cores at the locations requested and as indicated on the enclosed location sketches. The test locations were established using field taping methods and accuracy.

The (3) pavement cores were cored to determine material types and thicknesses at each location. We auger drilled the (7) borings to depths of 25.0 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 core and boring logs indicating conditions encountered. The summary table below indicates pavement materials and thicknesses encountered at core locations C-101 to C-103 along with boring locations B-1 to B-7. Please refer to the individual core logs and pictures for more detailed information.

Core	Total HMA (in.)	Concrete (in.)	Granular Base (in.)	Total Pavement (in.)
Wisconsin Avenue				
C-101	2.75	**7.25**	---	10.0
C-102	2.0	6.75	---	8.75
B-5	1.5	6.5	---	8.0
B-6	2.0	7.0	---	9.0
B-7	2.0	6.0	---	8.0
Jackson Street				
C-103	6.25	---	13.75	20.0
Madison Street				
B-1	3.5	---	14.5	18.0
B-2	3.5	---	14.5	18.0
B-3	4.5	---	13.5	18.0
Addison Avenue				
B-4	5.0	---	61.0	66.0

Note: The pavement cores (C-101 to C-103) can detect failures of the pavement materials. Failures of the pavement sections are noted with thicknesses shown in bold

Soil borings were performed at locations B-1 to B-7. Fill soil conditions were encountered underlying the pavement materials at borings B-1 and B-4. Composition of the fill includes the presence of silt/clay and crushed limestone mixtures extending to depths of 3.0 feet to 5.5 feet at these boring locations. 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. Buried topsoil was encountered underlying the pavement materials and extending to a depth of 2.0 feet at boring B-7.

Underlying natural soil conditions include the presence of cohesive soils. These are classified as tough to very hard clay/silt mixtures.

Non-cohesive soils were also encountered as indicated at borings B-1, B-4 and B-6. These include very loose to medium dense sand, organic silt, and silt/sand/clay mixtures. The non-cohesive granular soils are often in a very damp to saturated condition. Cobbles and boulders may be present within the site soils at any elevation, although none were encountered while drilling.

A significant deposit of organic silt was encountered extending to a depth of 9.5 feet below the surface of boring B-4. These soils have very high moisture contents and low-strengths making them highly compressible. These conditions are likely present in other areas of the site but were not discovered within the scope of this investigation.

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)
B-1	3.5 to 22.0	4,000	19.0/19.0
B-2	2.0 to 8.5	4,000	23.5/24.5
	8.5 to 16.0	5,000	
	16.0 to 22.0	4,000	
B-3	2.5 to 9.5	6,000	dry/dry
	9.5 to 22.0	4,000	
B-4	0.5 to 2.5	*500	4.5/6.5
	2.5 to 10.0	*none	
	10.0 to 18.5	1,500	
	18.5 to 22.0	5,000	
B-5	1.0 to 9.5	8,000	dry/dry
	9.5 to 19.0	4,000	
	19.0 to 22.0	6,000	
B-6	1.0 to 9.0	3,000	dry/dry
	9.0 to 22.0	4,000	
B-7	2.5 to 9.0	5,000	dry/dry
	9.0 to 12.0	6,000	
	12.0 to 22.0	4,000	

* Not recommended for support of utilities.

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.

The levels recorded at borings B-4 indicate a perched water condition. Perched water is primarily surface precipitation falling on this site or adjacent properties and which becomes trapped in pervious soil that is underlaid by relatively impervious soil. This water often flows laterally along a path of least resistance such as trench backfill, granular base material, non-cohesive soil strata, or other permeable medium. This water will also drain from the embankments of open excavations.

STORM SEWER

We understand new storm sewer is planned to be installed along Addison Avenue, Madison Street and Wisconsin Avenue. The new sewer is expected to be approximately 18.5 feet deep along Addison Avenue; 16.5 feet to 18.5 feet deep along Madison Street and 12.5 feet to 16.0 feet deep along Wisconsin Avenue. The new sewer pipe can be supported on the undisturbed natural soils located below all topsoil, unsuitable fill soils, organic silt, 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 pipe is placed in an open cut excavation, a granular bedding, CA07/CA11, should be used to support the pipe on the undisturbed natural soils.

Special attention needs be given for the support of the pipe in the area of boring B-4 where organic silt was encountered extending to a depth of 9.5 feet below the surface. We expect the new storm sewer to extend below the organic silt; however, if the sewer does not extend below the organic silt, it should be noted that these soils will not provide adequate support for the pipe due to long-term total and differential settlement. Undercutting and replacement with crushed granular fill (CA01 or CA07) may be considered.

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 will require dewatering due to subsurface water seepage and/or surface precipitation. This water can likely be removed to depths of several feet by standard sump and pump operations. Soils exposed at pipe bedding elevations should not be permitted to become saturated. Loss of bearing strength and stability may occur, requiring additional soil excavation.

Fill soils, organic soils, 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.

PAVEMENTS

We understand the pavements on Jackson Street, Addison Avenue, and Madison Street are planned for a mill and overlay form of rehabilitation. Generally, this would include milling of the existing bituminous surface as needed for overlaying. Deeper milling may be needed in areas where with extensive pavement deterioration and may require full depth patching with either bituminous concrete binder or a combination of crushed aggregate (CA06) and binder. A leveling binder should then be placed as needed. The use of a reflective crack control fabric can also be considered followed by the design overlay section.

A partial reconstruction may need to be considered on Madison Street due to the thinner section of bituminous concrete. The test locations indicated the pavement section consisted of 3.5 inches to 4.5 inches of bituminous concrete over 13.5 inches to 14.5 inches of granular base.

The partial reconstruction form of rehabilitation would include the removal of all the existing bituminous materials. The underlying original granular base would then be regraded, compacted and proof rolled. Areas that are found to be unstable would then be removed and replaced with a minimum of 12.0 inches of crushed aggregate, CA06, over a woven geotextile fabric. Underdrains should be installed in order to assist with drainage and alleviate potential frost heave. Any new aggregate base, if needed, would then be placed and compacted followed by the new design pavement section.

We understand Wisconsin Avenue is planned for a total reconstruction. The complete reconstruction of the pavement would include the removal of all the existing pavement materials. The subgrade would then be excavated to the design elevation, compacted and proof rolled. Any areas of unstable soils will most likely require removal and replacement with large crushed aggregate, possibly in conjunction with the use of an appropriate geotextile fabric. Underdrains should be installed in order to assist with drainage and alleviate potential frost heave. The new aggregate base would then be placed and compacted followed by the placement of the new design pavement section.

CONCLUSION

The information within this report is intended to provide initial information concerning pavement and subsurface conditions. Variations in conditions are expected to be present between test locations.

Our understanding of the proposed improvements is based on limited information available to us at the writing of this report. The findings of the investigation and the recommendations presented are not considered applicable to significant changes in the scope of the improvements or applicable to alternate site uses. We recommend that proposed pavement and utility plans be reviewed by our office to determine if additional considerations are necessary to address anticipated subsurface conditions. Obtaining additional soil borings may be warranted to further define the depth and limits of restrictive subsurface conditions.

The soils exposed in soil undercut areas should be evaluated for suitability prior to placement of structural fill, as previously indicated in this report. Soils and aggregates placed as structural fill

should be tested as the work progresses to verify that minimum compaction requirements have been met.

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.

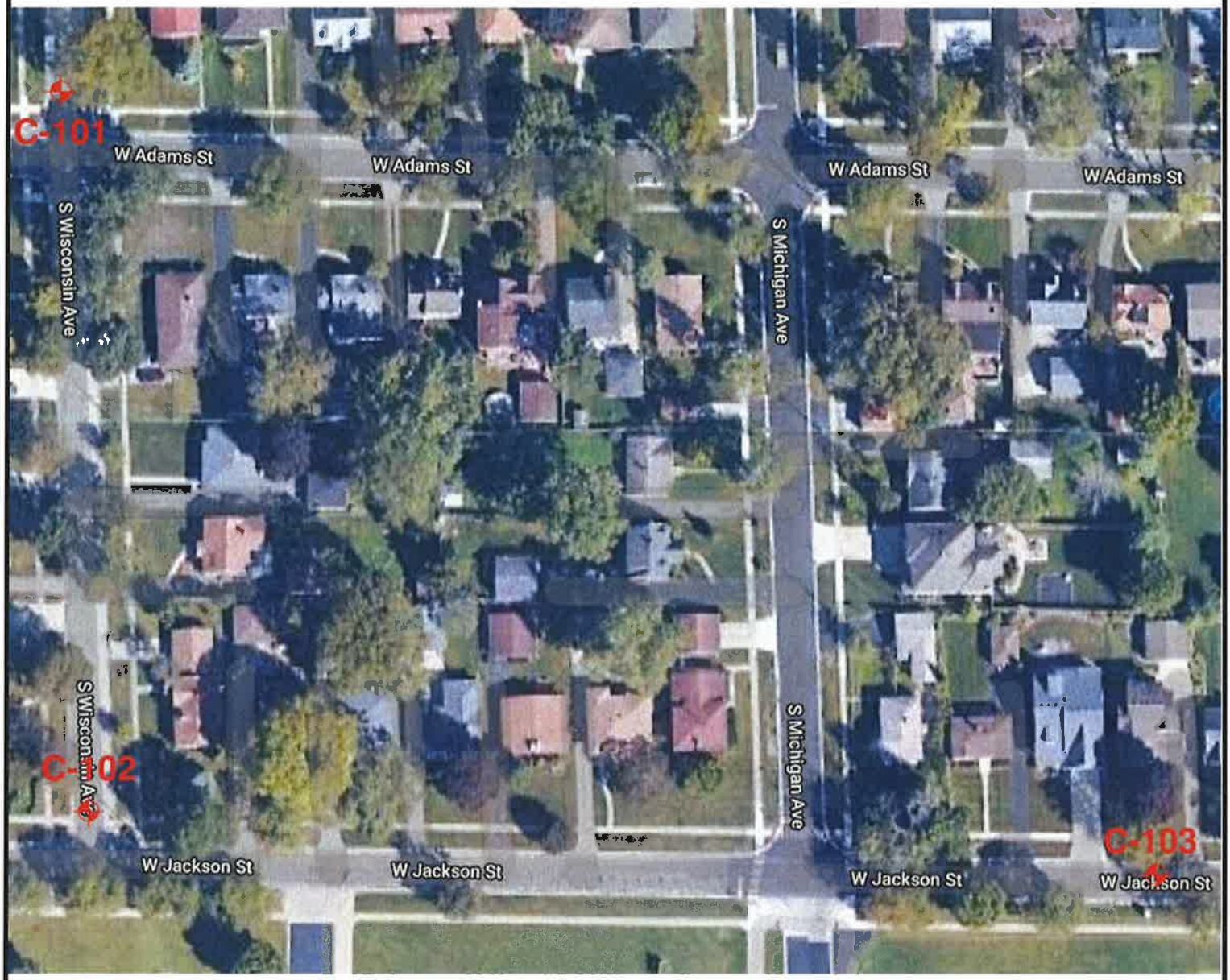
Thomas P. Johnson, P.E.
President

TPJ:ek
Enc.

cc: Mr. Michael J. Rechtorik, P.E. PTOE – V3 Companies, Ltd.

ENGINEER COPY

CONTRACT

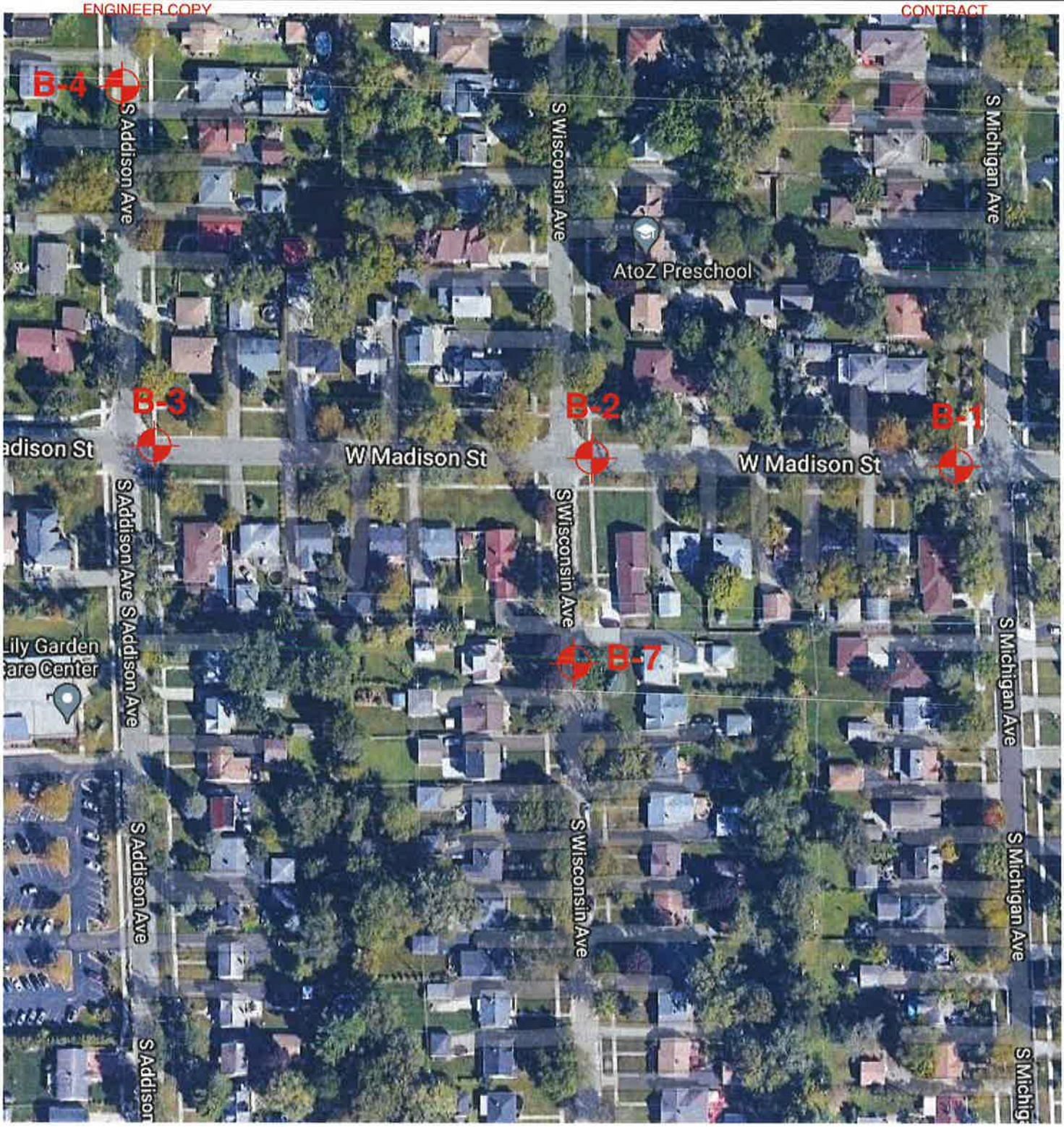


N

SMC	SOIL AND MATERIAL CONSULTANTS, INC.	LOCATION SKETCH
Client:	V3 COMPANIES	
Project:	DRAINAGE AND ROADWAY IMPROVEMENTS	
Location:	VILLA PARK, ILLINOIS	
File No. 26778	Date: 9-9-22	Scale: NONE

ENGINEER COPY

CONTRACT

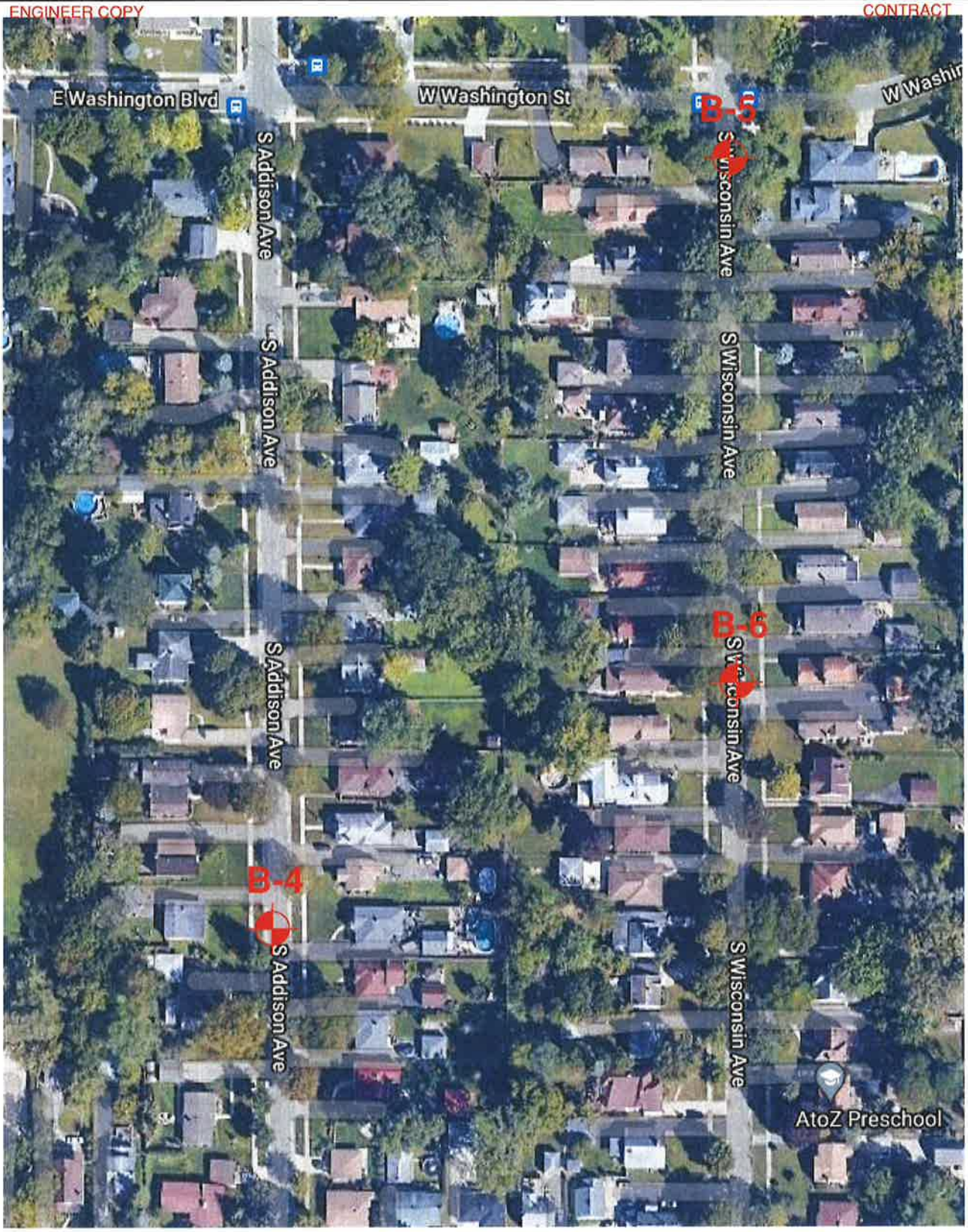


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SMC	SOIL AND MATERIAL CONSULTANTS, INC.	LOCATION SKETCH
Client:	V3 COMPANIES	
Project:	DRAINAGE AND ROADWAY IMPROVEMENTS	
Location:	VILLA PARK, ILLINOIS	
File No. 26778	Date: 9-9-22	Scale: NONE

ENGINEER COPY

CONTRACT



N

SMC	SOIL AND MATERIAL CONSULTANTS, INC.	LOCATION SKETCH
Clien	V3 COMPANIES, LTD	
Project:	DRAINAGE AND ROADWAY IMPROVEMENTS	
Location:	VILLA PARK, ILLINOIS	
File No. 26778	Date: 9-9-22	Scale: NONE

ENGINEER COPY

CONTRACT

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 9/2/22

File No.: 26778

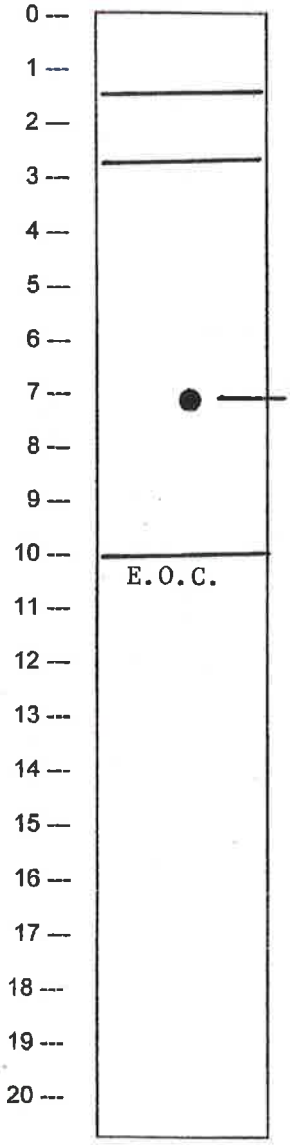
CORE LOG

Client: V3 Companies, Ltd. Reference: Drainage & Roadway Improvements Villa Park, IL

Core No: 101 Work Done By: AQ & CS

Location of Core: 914 S. Wisconsin Avenue - 10' W. of CL

Comments:



Type of Material		Recovery
1-1/2" Bituminous concrete - surface		Full
1-1/4" Bituminous concrete - surface	no bond	Full
7-1/4" Concrete (failed)		Partial
wire mesh at 7-1/4"		
Total 10-0"		

G-333

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CONTRACT

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 9/2/22

File No.: 26778

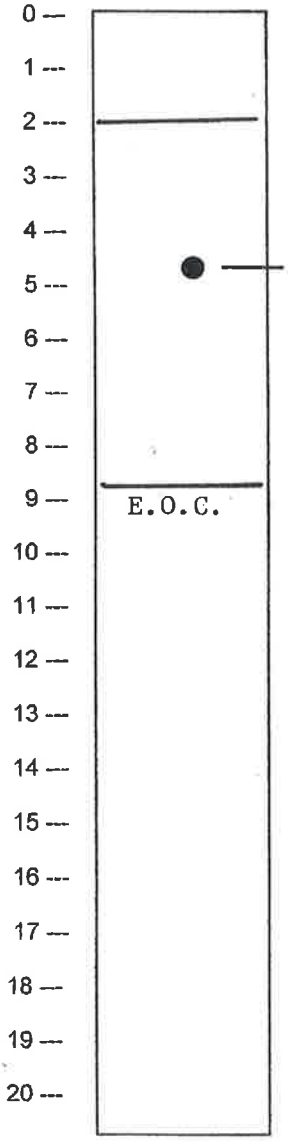
CORE LOG

Client: V3 Companies, Ltd. Reference Drainage & Roadway Improvements Villa Park, IL

Core No: 102 Work Done By: AQ & CS

Location of Core: 940 S. Wisconsin Avenue - 9' E. of CL

Comments:



Type of Material	Recovery
2-0" Bituminous concrete - surface	Full
6-3/4" Concrete	Full
wire mesh at 4-3/4"	
Total 8-3/4"	

G-333

ENGINEER COPY

CONTRACT

SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

Date: 9/2/22

File No.: 26778

CORE LOG

Client: V3 Companies

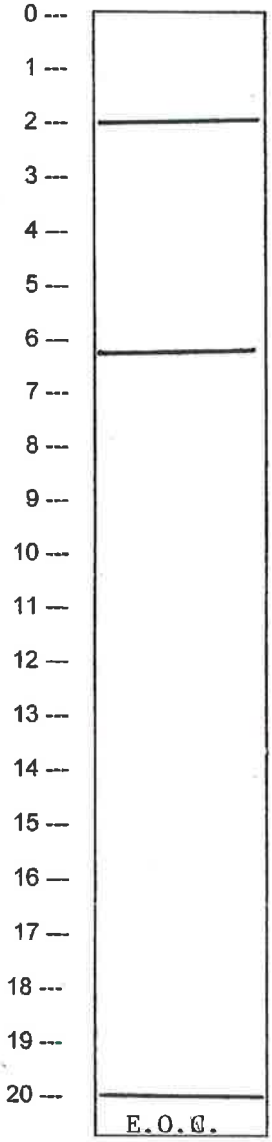
Reference: Drainage & Roadway Improvements Villa Park, IL

Core No: 103

Work Done By: AQ & CS

Location of Core: 216 E. Jackson Street - 7' S. of CL

Comments:



Type of Material	Recovery
2-0" Bituminous concrete - surface	Full
4-1/4" Bituminous concrete - binder	Full
13-3/4" Crushed limestone with fines	Partial
Total 13-3/4"	

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SOIL AND MATERIAL CONSULTANTS, INC.

8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

SOIL BORING LOG 1

Logged By: CS **Page:** 1 of 1

Client: V3 Companies, Ltd.

File No. 26778 **Date Drilled:** 9/2/22

Reference: Drainage & Roadway Improvements
Villa Park, IL

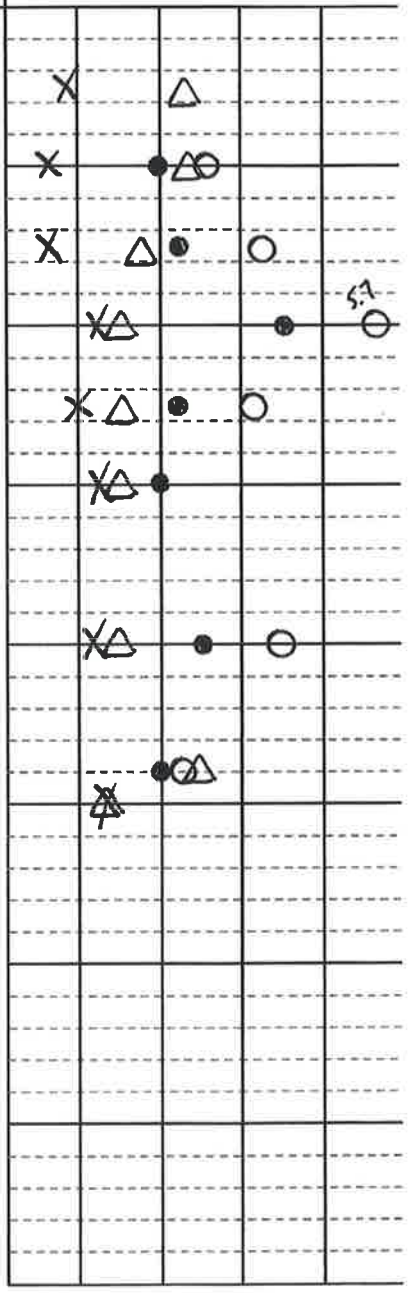
Comments: 236 W. Madison St., 9' N. of CL

Equipment: ☒D - 25 ☐ D - 50 ☐Hand Auger ☐Other

depth, ft.	CLASSIFICATION Elevation Existing Surface	standard penetration ×	moisture content Δ	dry unit weight lbs./cu.ft. ɣ	unconfined compressive strengh ○
	(a & b) see below				
	(c) see below	8	22.8		
5	Brown-gray to brown clay,some silt,trace sand & gravel,damp,very tough	6	24.8	100.3	2.6
		6	19.0	111.5	3.3
10	Gray clay,some silt,trace sand & gravel, damp,hard	13	14.9	123.4	5.7
	Gray clay,some silt,trace sand & gravel, damp,very tough	10	15.1	121.3	3.1
15		13	14.9		
20		12	15.2	122.9	3.5
			24.9	105.7	2.3
25	(d) see below	14	14.1		
	End of Boring				
30	(a) Bituminous concrete - 3.5" (b) Crushed limestone - 14.5" (c) Black silt,some clay,trace sand, damp,loose - Fill (fuel odor) (d) Gray fine sand,some medium-coarse sand,trace gravel,saturated,medium dense				
35					
40					

○ unconfined compressive strength, tons/sq. ft.
● penetrometer reading, tons/sq. ft.
1.0 2.0 3.0 4.0

× standard penetration "N", blows/ft.
Δ moisture content, %
10 20 30 40



Water encountered at 19.0 feet during drilling operations (W.D.)
Water recorded at 19.0 feet on completion of drilling operations (A.D.)
Water recorded at feet hours after completion of drilling operations (A.D.)

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8 W. COLLEGE DR. • SUITE C • ARLINGTON HEIGHTS, IL 60004

SOIL BORING LOG 2

Logged By: CS **Page:** 1 of 1

Client: V3 Companies, Ltd.

File No. 26778 **Date Drilled:** 9/2/22

Reference: Drainage & Roadway Improvements
Villa Park, IL

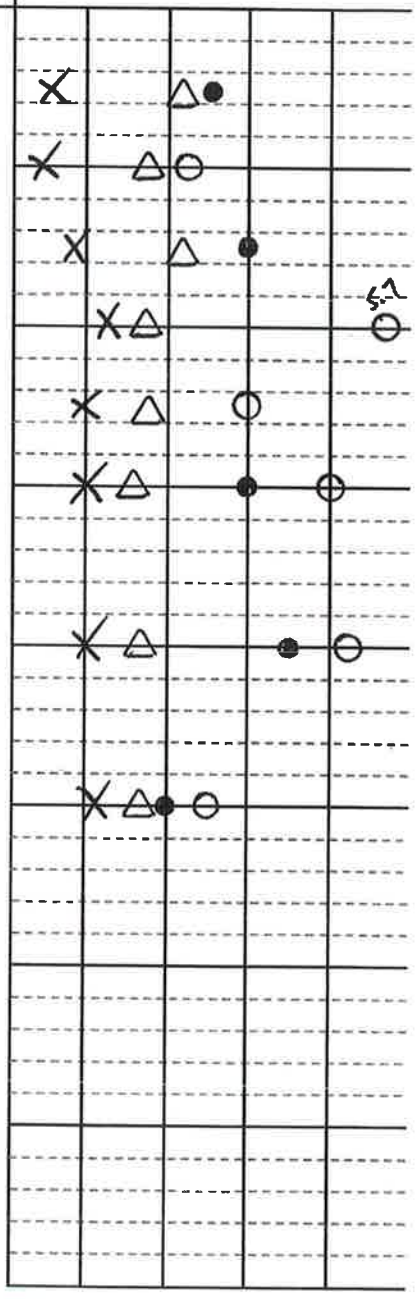
Comments: 741 S. Wisconsin Ave. (on W. Madison St.), 9' N. of CL

Equipment: ☒D - 25 ☐D - 50 ☐Hand Auger ☐Other

depth, ft.	CLASSIFICATION Elevation Existing Surface	standard penetration ×	moisture content Δ	dry unit weight lbs./cu.ft. ϑ	unconfined compressive strength ○
	(a & b) see below				
	Brown-gray to brown clay, some silt, trace sand & gravel, damp, very tough to hard	5	21.3		
5		4	17.8	111.7	2.3
		8	20.9		
10		13	18.1	117.2	5.7
	Brown-gray to brown clay, some silt, trace sand & gravel, damp, very tough	10	18.9	111.3	3.0
15	Gray clay, some silt, trace sand & gravel, damp, hard	10	15.8	120.0	4.0
20		10	17.1	118.2	4.3
	(c) see below				
25	End of Boring	11	17.0	122.6	2.5
30	(a) Bituminous concrete - 3.5" (b) Crushed limestone - 14.5" (c) Gray clay, some silt, trace sand & gravel, damp, very tough (small saturated sand seam at 23.5')				
35					
40					

○ unconfined compressive strength, tons/sq. ft.
● penetrometer reading, tons/sq. ft.
1.0 2.0 3.0 4.0

× standard penetration "N", blows/ft.
Δ moisture content, %
10 20 30 40



Water encountered at 23.5 feet during drilling operations (W.D.)
Water recorded at 24.5 feet on completion of drilling operations (A.D.)
Water recorded at feet hours after completion of drilling operations (A.D.)

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SOIL BORING LOG 3

Logged By: CS **Page:** 1 of 1

File No. 26778 **Date Drilled:** 9/8/22

Client: V3 Companies, Ltd.

Reference: Drainage & Roadway Improvements
Villa Park, IL

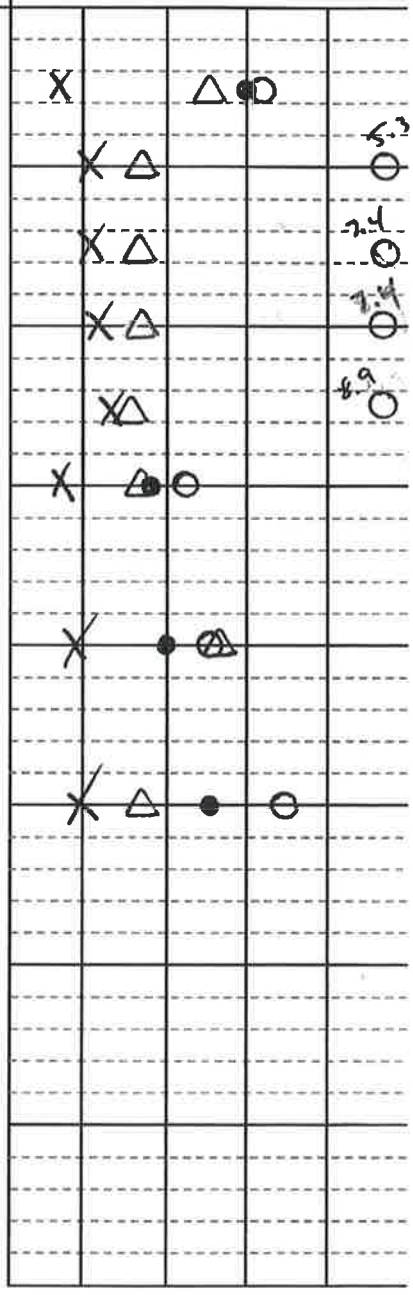
Comments: 342 W. Madison St., 8' N. of CL

Equipment: ☒D - 25 ☐ D - 50 ☐Hand Auger ☐Other

depth, ft.	CLASSIFICATION Elevation Existing Surface	standard penetration ×	moisture content Δ	dry unit weight lbs./cu.ft. ɣ	unconfined compressive strength ○
	(a & b) see below				
	Brown-gray to brown clay,some silt,trace sand & gravel,damp,very tough to very hard	7	24.7	98.9	3.2
5		11	16.6	114.7	5.3
		11	16.2	118.7	7.4
10		12	17.1	111.6	7.4
		14	16.3	117.3	8.9
15	Gray clay,some silt,trace sand & gravel, damp,very tough	7	16.7	120.9	2.3
20		9	27.3	101.2	2.5
25		10	17.2	118.2	3.5
	End of Boring				
30	(a) Bituminous concrete - 4.5" (b) Crushed limestone - 13.5"				
35					
40					

○ unconfined compressive strength, tons/sq. ft.
● penetrometer reading, tons/sq. ft.
1.0 2.0 3.0 4.0

× standard penetration "N", blows/ft.
Δ 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.)

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SOIL BORING LOG 4

Logged By: CS **Page:** 1 of 1

Client: V3 Companies, Ltd.

File No. 26778 **Date Drilled:** 9/8/22

Reference: Drainage & Roadway Improvements
Villa Park, IL

Comments: 721 S. Addison Ave., 9' E. of CL

Equipment: ☒D - 25 ☐ D - 50 ☐Hand Auger ☐Other

depth, ft.	CLASSIFICATION Elevation Existing Surface	standard penetration ×	moisture content Δ	dry unit weight lbs./cu.ft. ϰ	unconfined compressive strengh ○
	(a) see below				
	Crushed limestone,damp-saturated,medium dense - Fill	26	4.8		
5	Crushed limestone,damp-saturated,loose - Fill	7	13.8		
	Dark brown to brown organic silt,very damp,very loose	1	92.5		
	Gray organic silt,very damp,very loose		24.7		
10	Gray fine sand,trace medium-coarse sand & silt,saturated,loose	5	17.5		
	Gray clay,some silt,trace sand & gravel, damp,tough to very tough	3	19.7	113.3	1.4
15		7	19.5	119.1	1.2
20		15	15.8	123.9	3.2
25		11	16.2	124.5	2.5
	End of Boring				
	(a) Bituminous concrete - 5.0"				
30					
35					
40					

○ unconfined compressive strength, tons/sq. ft.
● penetrometer reading, tons/sq. ft.
1.0 2.0 3.0 4.0

× standard penetration "N", blows/ft.
Δ moisture content, %
10 20 30 40

92.5

Water encountered at 4.5 feet during drilling operations (W.D.)
Water recorded at 6.5 feet on completion of drilling operations (A.D.)
Water recorded at ____ feet ____ hours after completion of drilling operations (A.D.)

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SOIL BORING LOG 5

Logged By: CS **Page:** 1 of 1

Client: V3 Companies, Ltd.

File No. 26778 **Date Drilled:** 9/8/22

Reference: Drainage & Roadway Improvements
Villa Park, IL

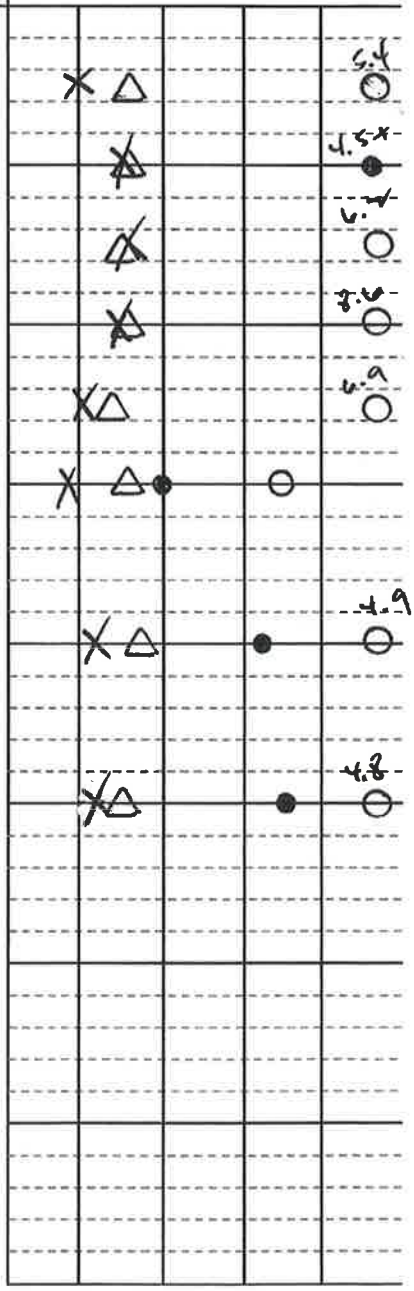
Comments: East of 323 W. Washington St. on S. Wisconsin Ave., 7' W. of CL

Equipment: ☒D - 25 ☐ D - 50 ☐Hand Auger ☐Other

depth, ft.	CLASSIFICATION Elevation Existing Surface	standard penetration ×	moisture content Δ	dry unit weight lbs./cu.ft. ɣ	unconfined compressive strengh ○
	(a & b) see below				
	Brown clay,some silt,trace sand & gravel, damp,hard to very hard	10	16.1	109.3	5.4
5		15	16.2		
		16	15.3	120.1	6.2
10		15	16.2	118.5	8.6
	Gray clay,some silt,trace sand & gravel, damp,hard	11	14.1	124.1	6.9
15	Gray clay,some silt,trace sand & gravel, damp,very tough to hard	8	15.7	117.6	3.5
20		12	18.2	115.6	4.9
25		13	15.5	119.9	4.8
	End of Boring				
	(a) Bituminous concrete - 1.5"				
	(b) Concrete - 6.5"				
30					
35					
40					

○ unconfined compressive strength, tons/sq. ft.
● penetrometer reading, tons/sq. ft.
1.0 2.0 3.0 4.0

× standard penetration "N", blows/ft.
Δ 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.)

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SOIL BORING LOG 6

Logged By: CS **Page:** 1 of 1

File No. 26778 **Date Drilled:** 9/9/22

Client: V3 Companies, Ltd.

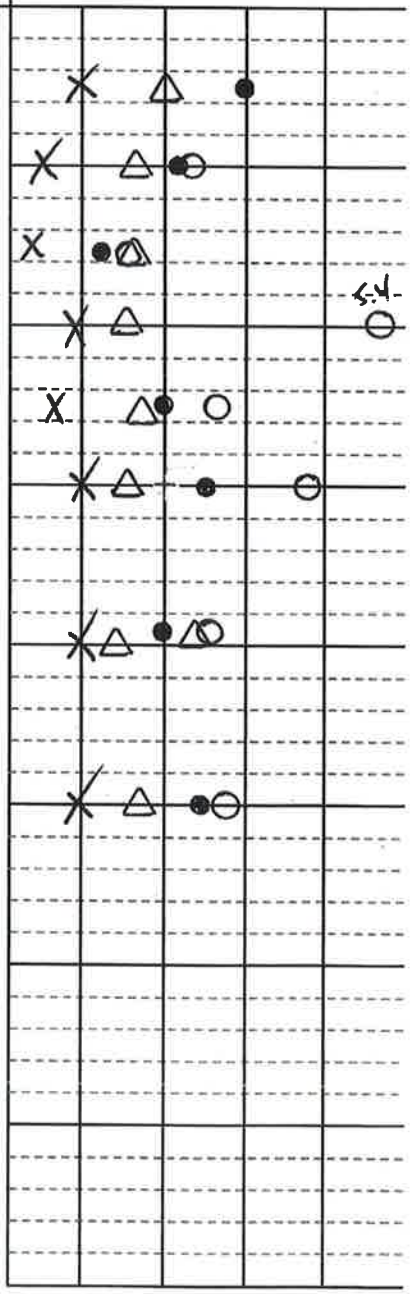
Reference: Drainage & Roadway Improvements
Villa Park, IL

Comments: 644 S. Wisconsin Ave., 6' E. of CL

Equipment: ☒ D - 25 ☐ D - 50 ☐ Hand Auger ☐ Other

depth, ft.	CLASSIFICATION Elevation Existing Surface	standard penetration X	moisture content Δ	dry unit weight lbs./cu.ft. ɣ	unconfined compressive strength O
	(a & b) see below				
	Brown-gray to brown clay, some silt, trace sand & gravel, damp, very tough	10	19.8		
5		5	17.1	113.6	2.4
	Brown-gray to brown clay, some silt, trace sand & gravel, damp, tough	4	15.5	127.0	1.5
10	Gray clay, some silt, trace sand & gravel, damp, hard	9	15.1	121.4	5.4
	Gray clay, some silt, trace sand & gravel, damp, very tough	7	18.8	114.8	2.6
15		10	16.3	119.1	3.9
20	Gray silt, some sand & clay, trace gravel, damp, medium dense	10	23.6 13.6	106.5	2.6
	Gray clay, some silt, trace sand & gravel, damp, very tough				
25		10	16.7	120.1	2.8
	End of Boring				
	(a) Bituminous concrete - 2.0"				
	(b) Concrete - 7.0"				
30					
35					
40					

O unconfined compressive strength, tons/sq. ft.
● penetrometer reading, tons/sq. ft.
1.0 2.0 3.0 4.0
× standard penetration "N", blows/ft.
Δ 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.)

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SOIL BORING LOG 7

Logged By: CS **Page:** 1 of 1

Client: V3 Companies, Ltd.

File No. 26778 **Date Drilled:** 9/9/22

Reference: Drainage & Roadway Improvements
Villa Park, IL

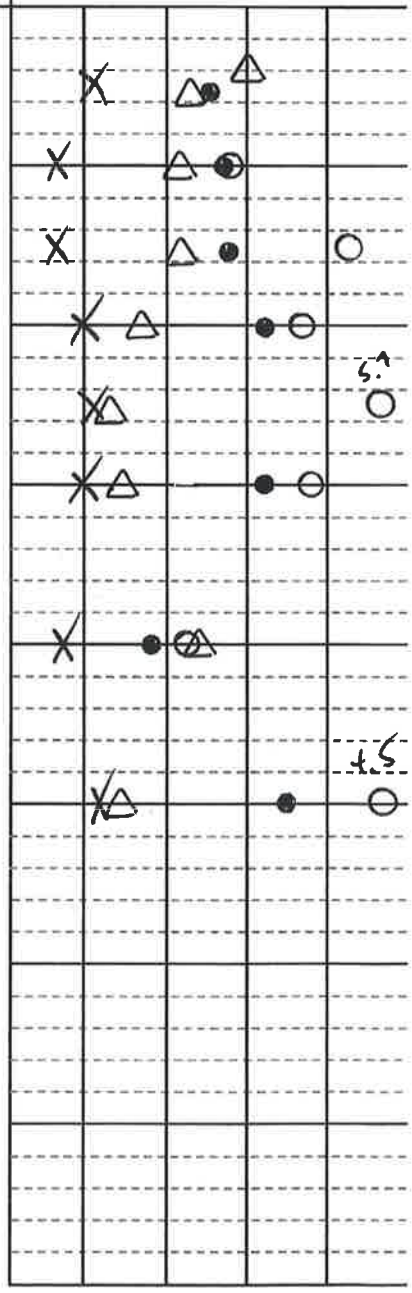
Comments: 816 S. Wisconsin Ave., 6' W. of CL

Equipment: ☒D - 25 ☐ D - 50 ☐Hand Auger ☐Other

depth, ft.	CLASSIFICATION Elevation Existing Surface	standard penetration ×	moisture content Δ	dry unit weight lbs./cu.ft. ɣ	unconfined compressive strength ○
	(a & b) see below (c) see below		30.3		
	Brown-gray to brown clay,some silt,trace sand & gravel,damp,very tough to hard	11	22.9		
5		6	21.2	107.7	2.9
		6	20.8	109.0	4.3
10	Brown-gray to brown clay,some silt,trace sand & gravel,damp,very tough	10	17.1	116.0	3.7
	Gray clay,some silt,traee sand & gravel, damp,hard	11	14.2	123.6	5.7
15	Gray clay,some silt,tnace sand & gravel, damp,very tough to hard	10	15.3	121.5	3.9
20		7	24.3	106.7	2.3
25	End of Boring	7	14.5	124.2	4.5
30	(a) Bituminous concrete - 2.0" (b) Concrete - 6.0" (c) Black silt,some clay,trace sand & roots,damp,loose (topsoil)				
35					
40					

○ unconfined compressive strength, tons/sq. ft.
● penetrometer reading, tons/sq. ft.
1.0 2.0 3.0 4.0

× standard penetration "N", blows/ft.
Δ 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.)

G-303

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8 W. COLLEGE DR. • ARLINGTON HEIGHTS, IL 60004 • 847-870-0544 • FAX 847-870-0561

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]


C-101


C-102


C-103

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April 19, 2023

Kevin L. Mantels, P.E.
Assistant Village Engineer
Village of Villa Park
11 West Home Avenue
Villa Park, Illinois 60181

RE: Addison Avenue, Madison Street, and Wisconsin Avenue
Drainage and Roadway Improvements Project | Soil Characterization

Dear Kevin,

The proposed construction for the Addison Avenue, Madison Street, and Wisconsin Avenue Drainage and Roadway Improvements Project will generate excess soil requiring offsite disposal. To characterize soils for offsite disposal V3 conducted soil borings throughout the project area and collected soil samples. This report details the sampling approach, analytical results, and provides recommendations for offsite soil disposal. A summary of the findings is provided in the bullet points below:

- Recognized Environmental Concerns (RECs) or Potentially Impacted Properties (PIPs) were not identified adjacent to the project area, and there is not a known or documented source of contamination.
- Various naturally occurring metals were detected in soil samples collected from the project area. Arsenic was detected at concentrations that were equal to, or exceed, the Maximum Allowable Concentrations (MACs) in 6 of the 7 samples collected. The detected concentration of Chromium exceeded the MAC in one sample collected in the project area. The exceedances of Arsenic and Chromium are interpreted as being elevated due to natural geologic processes and not a release of contamination.
- The MAC exceedances disqualify project soils from being certified for Clean Construction Demolition Debris (CCDD) disposal. Soils can be disposed of at a RCRA Subtitle D landfill as non-hazardous, non-special waste.

Further detail regarding the sampling approach, field observations, sample results, findings, and conclusions are provided in the sections below:

Historical Records Review and PIP Determination

Consistent with the requirements of Title 35: Subtitle J: Chapter I: Part 1100, historic records and environmental regulatory databases were reviewed to determine if any PIPs or RECs were present in the project area. As a standard practice, V3 orders EDR Radius Search Reports to screen projects for PIPs and RECs. The records review did not identify any RECs or PIPs in the project area or immediately adjacent to the project area. There were two historic auto maintenance listings within 300ft of the project area. Historic aerial photos dating back to 1939 depict these locations as agricultural properties that were developed into single-family homes. The historic auto maintenance database is built from historic city directories and additional site information is not always available for these listings. In this case, it is possible that auto maintenance activities were conducted at the homes, but it is also possible that the auto maintenance activities were conducted at other locations, and the home address was used for

mailing purposes only. In either case, the historic auto maintenance sites are at sufficient distances from the project area to be excluded as PIPs for this project.

Based on the historical and regulatory review, project area soils could possibly be certified with an LPC-662. However, at the direction of the Village of Villa Park, an LPC-663 soil sampling was conducted to evaluate soils for potential environmental contaminants.

Sampling Approach and Field Observations

Based on the project limits, maximum excavation depths, and volume of soil, seven soil borings were advanced within the project area (**S-01** through **S-07**). Borings were drilled to depths between 5 and 20 ft below ground surface (BGS). Boring locations are depicted in **Figure 1**. Soil borings were advanced by Earth Solutions, Inc. of St. Charles, Illinois, under the supervision of V3's site geologist, using Geoprobe direct push soil sampling methods. Prior to drilling, JULIE performed the location of utilities. Each soil boring was sampled continuously using a decontaminated 2-inch-diameter, 5-foot-long macro-core sampler, lined with disposable clear plastic liners. Each soil sample was collected for headspace screening to determine the presence of volatile organic vapors, physical description, and possible laboratory chemical analysis. Results of the headspace screening and visual descriptions were recorded on the field logs. Sample depth intervals were selected based on any field indicators of contamination (e.g. elevated PID Readings, chemical odors, presence of slag or ciders, etc...). If field indicators of contamination were not present then samples were collected from intervals that are representative of potentially excavated soils.

A V3 geologist logged the subsurface conditions encountered using the Unified Soil Classification System (USCS) (ASTM Method D2488). Additional information that was documented includes:

- Boring identification,
- Location in relation to an easily identifiable landmark,
- Name of drilling contractor,
- Drilling method,
- Depth at which saturated conditions are first encountered,
- Headspace screening results,
- Sample identification and depths,
- Soil weathering,
- Zones of caving or heaving, and/or
- Refusal.

Fill material was encountered in each of the borings beneath the pavement to depths between 2ft and 3ft BGS. The fill material was underlain by native glacial silts and clay. Elevated PID readings above background concentrations were not observed in any of the borings. There were no field indicators of contamination observed during this soil screening.

One soil sample was collected from each boring (**S-01** through **S-07**). Samples were collected from depth intervals that are representative of the potentially excavated soils. Laboratory services were performed on soil samples by STAT Analysis Corporation (STAT) of Chicago, Illinois. STAT is an accredited lab by the Illinois Environmental Laboratory Accreditation Program (IL ELAP). Standard chain-of-custody procedures were followed to ensure adequate documentation accompanied all samples submitted to the laboratory. Upon arrival at the laboratory, the sample cooler was accepted by the Laboratory

Sample Custodian who signed and dated the chain-of-custody record. Complete analytical data reports and copies of the chain-of-custody forms are attached to this report.

Sample Results

The analytical results were compared to the Maximum Allowable Concentrations (MACs) 35 Ill. Adm. Code 1100.Subpart F. For compounds that have location-based MACs, the MAC for a Metropolitan Statistical Area (MSA) was used to evaluate the results. Each of the samples collected for this soil characterization were analyzed for the following groups of compounds: Volatile Organic Compounds (VOCs), Semivolatile Organic Compounds (SVOCs), RCRA 8 Metals, and pH. Below is a summary of the analytical results.

- VOCs and SVOCs were not detected in any of the soil samples.
- Arsenic, Barium, Chromium, and Lead were detected in each of the samples.
- Mercury was detected in sample **S-07 (1-3)**.
- The detected concentrations of Arsenic exceeded the MAC for a MSA in 4 of the 7 samples (**S-01(2.5–4.5), S-02 (6-8), S-03 (4-6),** and **S-05(12-14)**).
- Two samples (**S-06(3-5)** and **S-07(1-3)**) detected Arsenic at 13 mg/kg which is equal to the MAC for a MSA.
- Sample **S-04 (10-12)** detected Chromium at a concentration above the MAC.

Summary tables for all analytical sample results are attached to this document in **Table 1** and **Table 2**.

Findings and Conclusions

An evaluation of the data and information collected for this soil characterization indicates the following:

- Historical records review did not identify any RECs or PIPs that would potentially be a source of contamination impacting project soils. Synthetic man-made compounds were not detected in any samples. The metals that were detected in the samples are naturally occurring compounds and do not appear to be the result of a release of contamination to the soil.
- The elevated levels of arsenic detected in project soils are consistent with multiple other samplings V3 has conducted in this general area for other phases relating to this project. Although the arsenic concentrations are not homogenously distributed, the elevated concentrations are assumed to be the result of natural geologic processes, and are representative of area soils.
- Detected concentrations of Arsenic for this sampling were between 4.7 and 23 mg/kg. This range is consistent with the MSA background concentrations detected by IEPA in the 1994 technical report titled, *A Summary of Selected Background Conditions for Inorganics in Soil*. The range of background Arsenic concentrations detected by IEPA in MSA counties were between 1.1 and 24 mg/kg. Although, the soils in the project area exhibit elevated concentrations of Arsenic that exceed the MACs in some cases, the observed range of concentrations are still consistent with background concentrations for MSA counties.
- Since a majority of the samples detected concentrations of Arsenic at, or exceeding, the MAC for an MSA, and even though the elevated concentrations of Arsenic are characteristic of the local geologic formation, and they are not a source of contamination, project soils cannot not be certified for CCDD disposal without additional sampling to vertically and horizontally delineated soils with arsenic concentrations below the applicable MACs.

- Soil samples with concentrations exceeding the MACs cannot be certified as CCDD. Project soils should be disposed of as non-hazardous non-special waste at a RCRA Subtitle D landfill.

This soil characterization was conducted in accordance with applicable Illinois clean fill regulations and general industry standards. It is the earthwork contractor's responsibility to coordinate acceptance with the selected disposal. Any additional sampling or soil evaluation required by a contractor selected facility is the responsibility of the contractor, and can be provided by V3 at additional cost.

Environmental, geological and geotechnical conditions can vary from those encountered at times and locations where data was obtained and may result in uncertainty with respect to the interpretation of these conditions, despite the use of standard professional care. V3 has used a level of care ordinarily exercised by professional consultants acting under similar circumstances in performing these services. Should conditions inconsistent with the findings contained within this report be encountered during the course of the project, project soils should be reevaluated.

If you should need any additional information or have any questions, please do not hesitate contact me at Jshuptar@v3co.com or 517.420.8481.

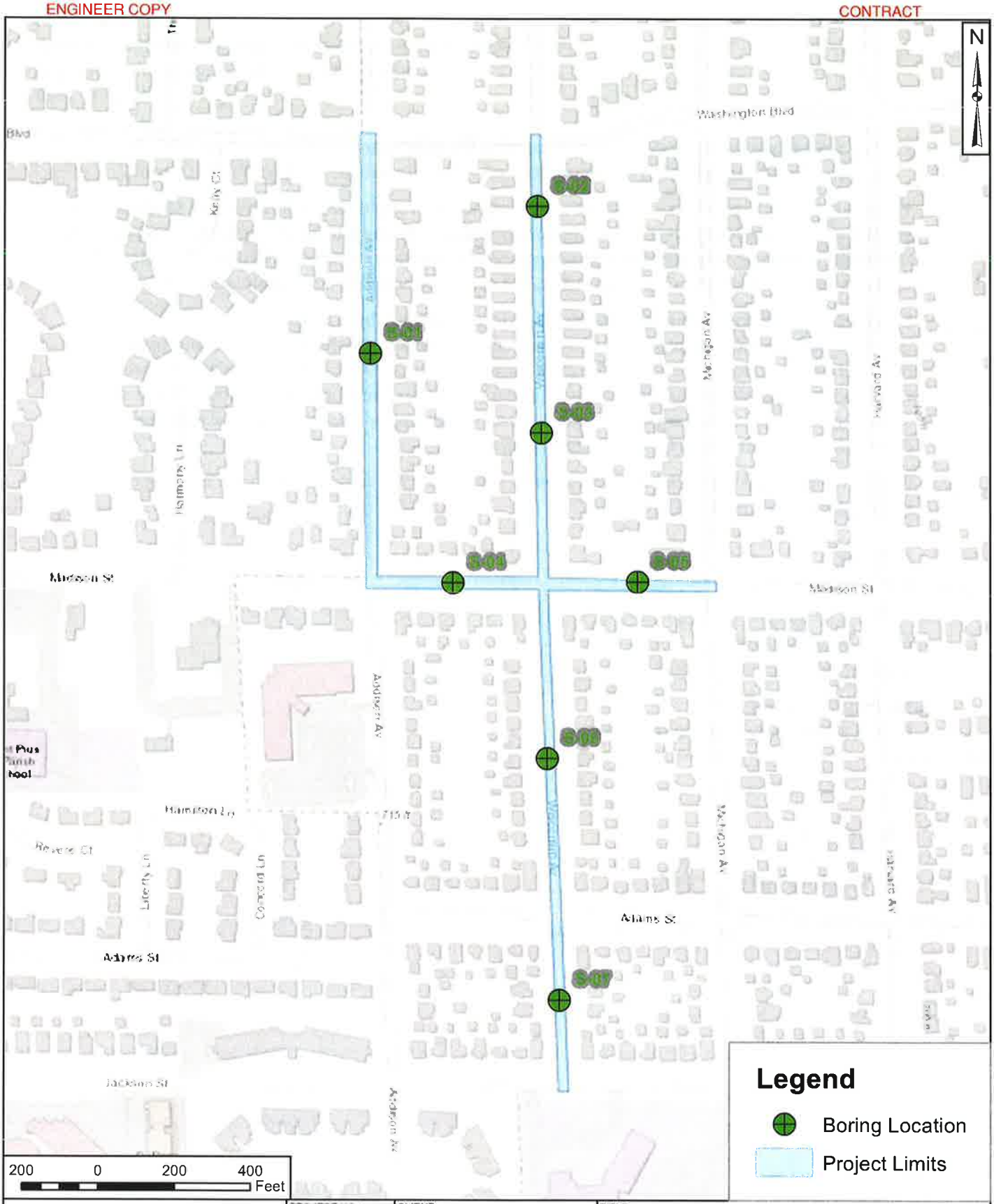
Sincerely,
V3 Companies

Jonathan Shuptar, P.G.
Project Manager, Environmental Division

Attachments
Figure 1 – Sample Locations
Data Summary Tables
Laboratory Data Reports
EDR Radius Map, Sanborn Maps, Historic Aerial Photos

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7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
www.v3co.com

Visio, Vertere, Virtute...
"The Vision To Transform with Excellence"

PROJECT NO.:	16295.JPI_FINAL
CREATED BY:	JDS
DATE:	04/19/2023
SCALE:	See Scale Bar
CLIENT:	Village of Villa Park 20 Ardmore Ave Villa Park, IL 60181
BASE LAYER:	ESRI Base Layer (2023)

TITLE:

SAMPLE LOCATIONS

SITE:

ADDISON AVENUE, MADISON STREET, AND WISCONSIN AVENUE DRAINAGE AND ROADWAY IMPROVEMENTS

FIGURE:

1

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TABLE 1 - SOIL ANALYTICAL RESULTS (VOCs, PNAs)
ADDISON AVE, MADISON ST, AND WISCONSIN AVE
DRAINAGE AND ROADWAY IMPROVEMENTS
VILLA PARK, ILLINOIS

	35 IAC 1100.Subpart F Maximum Allowable Concentration[a]	V3						
		03/29/2023	03/29/2023	03/29/2023	03/29/2023	03/29/2023	03/29/2023	03/29/2023
		S-01 (2.5-4.5)	S-02 (6-8)	S-03 (4-6)	S-04 (10-12)	S-05 (12-14)	S-06 (3-5)	S-07 (1-3)
Chemical Name	(mg/kg)	2.5-4.5 ft mg/kg	6-8 ft mg/kg	4-6 ft mg/kg	10-12 ft mg/kg	12-14 ft mg/kg	3-5 ft mg/kg	1-3 ft mg/kg
Volatile Organic Compounds (Method - 5035/8260B)								
Acetone	25 b	< 0.074	< 0.066	< 0.066	< 0.065	< 0.067	< 0.069	< 0.070
Benzene	0.03 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
Bromodichloromethane (Dichlorobromomethane)	0.6 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
Bromoform	0.8 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
Bromomethane (Methyl Bromide)	0.2 b	< 0.0099	< 0.0087	< 0.0088	< 0.0087	< 0.0090	< 0.0091	< 0.0093
2-Butanone (MEK)	NE	< 0.074	< 0.066	< 0.066	< 0.065	< 0.067	< 0.069	< 0.070
Carbon disulfide	9 g	< 0.049	< 0.044	< 0.044	< 0.043	< 0.045	< 0.046	< 0.047
Carbon tetrachloride	0.07 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
Chlorobenzene (Monochlorobenzene)	1 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
Chloroethane	NE	< 0.0099	< 0.0087	< 0.0088	< 0.0087	< 0.0090	< 0.0091	< 0.0093
Chloroform	0.3 g	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
Chloromethane	NE	< 0.0099	< 0.0087	< 0.0088	< 0.0087	< 0.0090	< 0.0091	< 0.0093
Dibromochloromethane (Chlorodibromomethane)	0.4 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
1,1-Dichloroethane	23 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
1,2-Dichloroethane (Ethylene dichloride)	0.02 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
1,1-Dichloroethene (1,1-Dichloroethylene)	0.06 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
cis-1,2-Dichloroethene (cis-1,2-Dichloroethylene)	0.4 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
trans-1,2-Dichloroethene (trans-1,2-Dichloroethylene)	0.7 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
1,2-Dichloropropane	0.03 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
cis-1,3-Dichloropropene (1)	0.005 c	< 0.0020	< 0.0017	< 0.0018	< 0.0017	< 0.0018	< 0.0018	< 0.0019
trans-1,3-Dichloropropene (1)	0.005 c	< 0.0020	< 0.0017	< 0.0018	< 0.0017	< 0.0018	< 0.0018	< 0.0019
Ethylbenzene	13 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
2-Hexanone	NE	< 0.020	< 0.017	< 0.018	< 0.017	< 0.018	< 0.018	< 0.019
4-Methyl-2-pentanone (MIBK)	NE	< 0.020	< 0.017	< 0.018	< 0.017	< 0.018	< 0.018	< 0.019
Methylene chloride (Dichloromethane)	0.02 b	< 0.0099	< 0.0087	< 0.0088	< 0.0087	< 0.0090	< 0.0091	< 0.0093
MTBE (methyl tertiary-butyl ether)	0.32 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
Styrene	4 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
1,1,2,2-Tetrachloroethane	NE	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
Tetrachloroethene (Perchloroethylene)	0.06 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
Toluene	12 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
1,1,1-Trichloroethane	2 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
1,1,2-Trichloroethane	0.02 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
Trichloroethene (Trichloroethylene)	0.06 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
Vinyl Chloride	0.01 b	< 0.0049	< 0.0044	< 0.0044	< 0.0043	< 0.0045	< 0.0046	< 0.0047
Xylenes (total)	5.6 g	< 0.015	< 0.013	< 0.013	< 0.013	< 0.013	< 0.014	< 0.014
Polynuclear Aromatics (PNAs) (Method - 8270C)								
Acenaphthene	570 b	< 0.040	< 0.038	< 0.038	< 0.040	< 0.037	< 0.039	< 0.041
Acenaphthylene	NE	< 0.040	< 0.038	< 0.038	< 0.040	< 0.037	< 0.039	< 0.041
Anthracene	12,000 b	< 0.040	< 0.038	< 0.038	< 0.040	< 0.037	< 0.039	< 0.041
Benzo(*a*)anthracene	1.8f	< 0.040	< 0.038	< 0.038	< 0.040	< 0.037	< 0.039	< 0.041
Benzo(*a*) pyrene	2.1f	< 0.040	< 0.038	< 0.038	< 0.040	< 0.037	< 0.039	< 0.041
Benzo(*b*)fluoranthene	2.1f	< 0.040	< 0.038	< 0.038	< 0.040	< 0.037	< 0.039	< 0.041
Benzo(*g,h,i*)perylene	NE	< 0.040	< 0.038	< 0.038	< 0.040	< 0.037	< 0.039	< 0.041
Benzo(*k*) fluoranthene	9 g	< 0.040	< 0.038	< 0.038	< 0.040	< 0.037	< 0.039	< 0.041
Chrysene	88 g	< 0.040	< 0.038	< 0.038	< 0.040	< 0.037	< 0.039	< 0.041
Dibenzo(*a,h*)anthracene	0.42f	< 0.040	< 0.038	< 0.038	< 0.040	< 0.037	< 0.039	< 0.041
Fluoranthene	3100 g	< 0.040	< 0.038	< 0.038	< 0.040	< 0.037	< 0.039	< 0.041
Fluorene	560 b	< 0.040	< 0.038	< 0.038	< 0.040	< 0.037	< 0.039	< 0.041
Indeno(1,2,3-*c,d*)pyrene	1.6f	< 0.040	< 0.038	< 0.038	< 0.040	< 0.037	< 0.039	< 0.041
Naphthalene	1.8 g	< 0.040	< 0.038	< 0.038	< 0.040	< 0.037	< 0.039	< 0.041
Phenanthrene	NE	< 0.040	< 0.038	< 0.038	< 0.040	0.061	< 0.039	< 0.041
Pyrene	2300 g	< 0.040	< 0.038	< 0.038	< 0.040	< 0.037	< 0.039	< 0.041

V3 Table Notes:

0.11	Indicates exceedance of applicable MAC
0.11	Indicates lab detection limit is greater than remediation objective
	Indicates that the MAC is dependent on the location
---	Indicates chemical not analyzed or not sampled
(1)	(1) indicates value is for (1,3-Dichloropropylene, cis+trans)
NE	NE indicates Not Established
a	Concentrations are the results after using methods described in 35 IAC 1100.Subpart F for determining Maximum Allowable Concentrations (MACs) of chemical constitutents in uncontaminated soils used as fill material at regulated fill operations.
	See attached for notations for specified MAC RO.

MAC assumes the location of fill site is within a populated area in a Metropolitan Statistical Area excluding Chicago.

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

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TABLE 2 - SOIL ANALYTICAL RESULTS (INORGANICS)
ADDISON AVE, MADISON ST, AND WISCONSIN AVE
DRAINAGE AND ROADWAY IMPROVEMENTS
VILLA PARK, ILLINOIS

Chemical Name	35 IAC 1100.Subpart F Maximum Allowable Concentration[a]	[A']Counties Within Metropolitan Statistical Areas[B'] (For Inorganic Chem in Background Soils)	V3						
			03/29/2023	03/29/2023	03/29/2023	03/29/2023	03/29/2023	03/29/2023	03/29/2023
			S-01 (2.5-4.5)	**S-02 (6-8)**	**S-03 (4-6)**	**S-04 (10-12)**	**S-05 (12-14)**	**S-06 (3-5)**	**S-07 (1-3)**
			2.5-4.5 ft	6-8 ft	4-6 ft	10-12 ft	12-14 ft	3-5 ft	1-3 ft
	(mg/kg)	(mg/kg)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
INORGANICS (Method - 6020A/7471B) Metals (Totals)									
Arsenic[l,n]	**13.0 e**	13	**23**	**16**	**16**	4.7	**20**	**13**	**13**
Barium	1500 d,m	110	49	40	55	53	27	47	120
Cadmium[l,n]	5.2 d,m	0.6	< 0.60	< 0.50	< 0.51	< 0.58	< 0.54	< 0.53	< 0.53
Chromium, total	**21 d,m**	16.2	21	20	20	**24**	18	19	20
Lead	107 d,m	36	28	17	24	12	31	23	23
Mercury[l,n,s]	0.89 d,m,n	0.06	< 0.022	< 0.022	< 0.021	< 0.022	< 0.018	< 0.022	0.032
Selenium[l,n]	1.3 d,m	0.48	< 1.2	< 1.0	< 1.0	< 1.2	< 1.1	< 1.1	< 1.1
Silver	4.4 d,m	0.55	< 1.2	< 1.0	< 1.0	< 1.2	< 1.1	< 1.1	< 1.1
Other Parameters									
pH@ 25°C (1:10)			7.78	8.06	7.97	8.35	7.71	8.46	7.65

V3 Table Notes:

0.11	Indicates exceedance of applicable MAC
0.11	Indicates lab detection limit is greater than remediation objective
0.11	Indicates pH is outside allowable range (6.25-9.0) for CCDD acceptance (35 IAC Part 1100)
	Indicates that the MAC is dependent on the location of the fill site
---	Indicates chemical not analyzed or not sampled
a	Concentrations are the results after using methods described in 35 IAC 1100.Subpart F for determining Maximum Allowable Concentrations of chemical constituents in uncontaminated soils used as fill material at regulated fill operations.

[A'] Section 742, Appendix A, Table G: Concentrations of Inorganic Chemicals in Background Soils

[B'] **Counties within Metropolitan Statistical Areas (MSA):** Boone, Champaign, Clinton, Cook, DuPage, Grundy, Henry, Jersey, Kane, Kankakee, Kendall, Lake, Macon, Madison, McHenry, McLean, Mendard, Monroe, Peoria, Rock Island, Sangamon, St. Clair, Tazewell, Will, Winnebago and Woodford.
See attached for notations for specified MAC RO.

MAC assumes the location of fill site is within a Metropolitan Statistical Area county.

Notations for 'Summary of Maximum Allowable Concentrations of Chemical Constituents In Uncontaminated Soil Used as Fill Material At Regulated Fill Operations (35 IAC 1100, Subpart F)

a	Concentrations are the results after using methods described in 35 IAC 1100, Subpart F for determining Maximum Allowable Concentrations of chemical constitutents in uncontaminated soils used as fill material at regulated fill operations.
b	Value is the TACO Class I Soil Component of the Groundwater Ingestion Exposure Route concentration (35 IAC 742, Appendix B, Tables A and B).
c	Value is the TACO-defined Acceptable Detection Limit (ADL) for the chemical in soil.
d	Value is the lowest TACO Class I concentration between column range 6.25 to 6.64 and column range 8.75 to 9.0 from the pH-Specific Soil Remediation Objectives table for Inorganic and Ionizing Organic Chemicals for the Soil Component of the Groundwater Ingestion Exposure Route concentration (35 IAC 742, Appendix B, Tables C). (See 35 IAC 1100.605(a)(2); 1100.605(a)(3)(A)).
e	Value is the location-specific allowable concentration based upon TACO-defined background values for inorganic chemicals (35 IAC 742, Appendix A, Table G). The location of the fill site determines the allowable concentration. Two background locations are defined; one for counties that are designated as Metropolitan Statistical Areas (MSA) (see Board Note, 35 IAC 742, Appendix A, Table G), the other for counties designated as a non-MSA.
f	Value is the location-specific allowable concentration based upon TACO-defined background values for polynuclear aromatic hydrocarbon chemicals (35 IAC 742, Appendix A, Table H). The location of the fill site determines the allowable concentration. Three background locations are defined; one for areas within the corporate limits of the City of Chicago, another for populated areas (defined at 35 IAC 742.200) in counties that are designated as Metropolitan Statistical Areas (MSA) (see Board Note, 35 IAC 742, Appendix A, Table G) excluding the City of Chicago, and the third for populated areas within non-MSA counties. No background concentrations have been defined for locations outside of populated areas; therefore, the maximum allowable concentrations in these locations are determined using 35 IAC 1100, Subpart F.
g	Value is the lowest TACO Soil Remediation Objective by the ingestion or inhalation routes of exposure for the Residential and Construction Worker receptors (35 IAC 742, Appendix B, Tables A and B). When applicable, definitions for "MSA" and "populated area" are presented in 35 IAC 742, Appendix A, Table H and 35 IAC 742.200, respectively.
h	Value is the TACO Class I Soil Component of the Groundwater Ingestion Exposure Route value multiplied by 20.
i	Soil saturation concentration (Csat).
j	This chemical is of no concern for soil ingestion and no data are available to assess other routes of exposure. There is no soil concentration limit established for this constituent.
k	Value for PCBs is the highest allowable concentration requiring no controls based on USEPA TSCA (40 CFR 761) policy.
l	SW-846 methods may not support analytical detection at the concentration specified. Modified or alternative methods may be required to achieve the lowest practical detection level possible.
m	As an alternative to the subject maximum allowable concentration value, compliance verification may be determined by comparing soil sample extraction results (TCLP/SPLP) for this constituent to the respective TACO Class I Soil Component of the Groundwater Ingestion Exposure Route objective (35 IAC 742, Appendix B, Table A). (See 35 IAC 1100.610(b)(1)(B); 1100.610(b)(3)(C)).
n	Elemental mercury is an inhalation hazard and is evaluated based upon the IRIS inhalation reference concentration for elemental mercury (CAS No. 7439-97-6). All other forms of mercury are evaluated using the IRIS oral reference dose for mercuric chloride (CAS No. 7487-94-7). The inhalation MAC only applies where elemental mercury is a contaminant of concern; the MAC for ionic mercury applies everywhere.

STAT Analysis Corporation
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2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

CONTRACT

April 07, 2023

V3 Companies of Illinois
7325 Janes Avenue
Woodridge, IL 60517
Telephone: (630) 724-9200
Fax: (630) 724-9202

Analytical Report for STAT Work Order: 23030998 Revision 0

RE: 16295.JPI_Final, Roadway CCDD, Villa Park, IL.

Dear V3 Companies:

STAT Analysis received 7 samples for the referenced project on 3/29/2023 2:45:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAP standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Justice Kwateng
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples as received and tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

STAT Analysis Corporation

Date: April 07, 2023

Client: V3 Companies of Illinois
Project: 16295.JPI_Final, Roadway CCDD, Villa Park, IL.
Work Order: 23030998 Revision 0

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
23030998-001A	S-01 (2.5-4.5)		3/29/2023 8:50:00 AM	3/29/2023
23030998-001B	S-01 (2.5-4.5)		3/29/2023 8:50:00 AM	3/29/2023
23030998-002A	S-02 (6-8)		3/29/2023 9:50:00 AM	3/29/2023
23030998-002B	S-02 (6-8)		3/29/2023 9:50:00 AM	3/29/2023
23030998-003A	S-03 (4-6)		3/29/2023 10:30:00 AM	3/29/2023
23030998-003B	S-03 (4-6)		3/29/2023 10:30:00 AM	3/29/2023
23030998-004A	S-04 (10-12)		3/29/2023 1:35:00 PM	3/29/2023
23030998-004B	S-04 (10-12)		3/29/2023 1:35:00 PM	3/29/2023
23030998-005A	S-05 (12-14)		3/29/2023 11:36:00 AM	3/29/2023
23030998-005B	S-05 (12-14)		3/29/2023 11:36:00 AM	3/29/2023
23030998-006A	S-06 (3-5)		3/29/2023 12:45:00 PM	3/29/2023
23030998-006B	S-06 (3-5)		3/29/2023 12:45:00 PM	3/29/2023
23030998-007A	S-07 (1-3)		3/29/2023 12:05:00 PM	3/29/2023
23030998-007B	S-07 (1-3)		3/29/2023 12:05:00 PM	3/29/2023

STAT Analysis Corporation **Date:** *April 07, 2023*

CLIENT: V3 Companies of Illinois
Project: 16295.JPI_Final, Roadway CCDD, Villa Park, IL.
Work Order: 23030998 Revision 0

CASE NARRATIVE

Sample S-05 (12-14) (23030998-005) had recovery of VOC surrogate 4-Bromofluorobenzene outside of control limits (55.6% recovery, QC Limits:58 -122%). Recoveries of all other surrogates were within control limits.

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: April 07, 2023
Date Printed: April 07, 2023

ANALYTICAL RESULTS

Client: V3 Companies of Illinois
Work Order: 23030998 Revision 0
Project: 16295.JPI_Final, Roadway CCDD, Villa Park, IL.
Lab ID: 23030998-001

Client Sample ID: S-01 (2.5-4.5)
Collection Date: 3/29/2023 8:50:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **3/30/2023**		Analyst: **CDM**
Acetone	ND	0.074		mg/Kg-dry	1	4/4/2023
Benzene	ND	0.0049		mg/Kg-dry	1	4/4/2023
Bromodichloromethane	ND	0.0049		mg/Kg-dry	1	4/4/2023
Bromoform	ND	0.0049		mg/Kg-dry	1	4/4/2023
Bromomethane	ND	0.0099		mg/Kg-dry	1	4/4/2023
2-Butanone	ND	0.074		mg/Kg-dry	1	4/4/2023
Carbon disulfide	ND	0.049		mg/Kg-dry	1	4/4/2023
Carbon tetrachloride	ND	0.0049		mg/Kg-dry	1	4/4/2023
Chlorobenzene	ND	0.0049		mg/Kg-dry	1	4/4/2023
Chloroethane	ND	0.0099		mg/Kg-dry	1	4/4/2023
Chloroform	ND	0.0049		mg/Kg-dry	1	4/4/2023
Chloromethane	ND	0.0099		mg/Kg-dry	1	4/4/2023
Dibromochloromethane	ND	0.0049		mg/Kg-dry	1	4/4/2023
1,1-Dichloroethane	ND	0.0049		mg/Kg-dry	1	4/4/2023
1,2-Dichloroethane	ND	0.0049		mg/Kg-dry	1	4/4/2023
1,1-Dichloroethene	ND	0.0049		mg/Kg-dry	1	4/4/2023
cis-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	4/4/2023
trans-1,2-Dichloroethene	ND	0.0049		mg/Kg-dry	1	4/4/2023
1,2-Dichloropropane	ND	0.0049		mg/Kg-dry	1	4/4/2023
cis-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	4/4/2023
trans-1,3-Dichloropropene	ND	0.0020		mg/Kg-dry	1	4/4/2023
Ethylbenzene	ND	0.0049		mg/Kg-dry	1	4/4/2023
2-Hexanone	ND	0.020		mg/Kg-dry	1	4/4/2023
4-Methyl-2-pentanone	ND	0.020		mg/Kg-dry	1	4/4/2023
Methylene chloride	ND	0.0099		mg/Kg-dry	1	4/4/2023
Methyl tert-butyl ether	ND	0.0049		mg/Kg-dry	1	4/4/2023
Styrene	ND	0.0049		mg/Kg-dry	1	4/4/2023
1,1,2,2-Tetrachloroethane	ND	0.0049		mg/Kg-dry	1	4/4/2023
Tetrachloroethene	ND	0.0049		mg/Kg-dry	1	4/4/2023
Toluene	ND	0.0049		mg/Kg-dry	1	4/4/2023
1,1,1-Trichloroethane	ND	0.0049		mg/Kg-dry	1	4/4/2023
1,1,2-Trichloroethane	ND	0.0049		mg/Kg-dry	1	4/4/2023
Trichloroethene	ND	0.0049		mg/Kg-dry	1	4/4/2023
Vinyl chloride	ND	0.0049		mg/Kg-dry	1	4/4/2023
Xylenes, Total	ND	0.015		mg/Kg-dry	1	4/4/2023
Polynuclear Aromatic Hydrocarbons by GC/MS	**SW8270C (SW3550B)**			Prep Date: **4/5/2023**		Analyst: **TEM**
Acenaphthene	ND	0.040		mg/Kg-dry	1	4/6/2023
Acenaphthylene	ND	0.040		mg/Kg-dry	1	4/6/2023

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Reported: April 07, 2023
Date Printed: April 07, 2023

ANALYTICAL RESULTS

Client: V3 Companies of Illinois
Work Order: 23030998 Revision 0
Project: 16295.JPI_Final, Roadway CCDD, Villa Park, IL.
Lab ID: 23030998-001

Client Sample ID: S-01 (2.5-4.5)
Collection Date: 3/29/2023 8:50:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons by GC/MS	**SW8270C (SW3550B)**			Prep Date: **4/5/2023**		Analyst: **TEM**
Anthracene	ND	0.040		mg/Kg-dry	1	4/6/2023
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	4/6/2023
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	4/6/2023
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	4/6/2023
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	4/6/2023
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	4/6/2023
Chrysene	ND	0.040		mg/Kg-dry	1	4/6/2023
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	4/6/2023
Fluoranthene	ND	0.040		mg/Kg-dry	1	4/6/2023
Fluorene	ND	0.040		mg/Kg-dry	1	4/6/2023
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	4/6/2023
Naphthalene	ND	0.040		mg/Kg-dry	1	4/6/2023
Phenanthrene	ND	0.040		mg/Kg-dry	1	4/6/2023
Pyrene	ND	0.040		mg/Kg-dry	1	4/6/2023
Metals by ICP/MS	**SW6020A (SW3050B)**			Prep Date: **4/5/2023**		Analyst: **MDS**
Arsenic	23	1.2		mg/Kg-dry	10	4/6/2023
Barium	49	1.2		mg/Kg-dry	10	4/6/2023
Cadmium	ND	0.60		mg/Kg-dry	10	4/6/2023
Chromium	21	1.2		mg/Kg-dry	10	4/6/2023
Lead	28	0.60		mg/Kg-dry	10	4/6/2023
Selenium	ND	1.2		mg/Kg-dry	10	4/6/2023
Silver	ND	1.2	*	mg/Kg-dry	10	4/6/2023
Mercury	**SW7471B**			Prep Date: **3/30/2023**		Analyst: **SH**
Mercury	ND	0.022		mg/Kg-dry	1	4/3/2023
pH (25 °C)	**SW9045C**			Prep Date: **4/4/2023**		Analyst: **BAS**
pH	7.78			pH Units	1	4/4/2023
Percent Moisture	**D2974**			Prep Date: **4/4/2023**		Analyst: **BAS**
Percent Moisture	18.4	0.2	*	wt%	1	4/5/2023

Qualifiers:

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R - RPD outside accepted recovery limits
E - Value above quantitation range
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Date Reported: April 07, 2023
Date Printed: April 07, 2023

ANALYTICAL RESULTS

Client: V3 Companies of Illinois
Work Order: 23030998 Revision 0
Project: 16295.JPI_Final, Roadway CCDD, Villa Park, IL.
Lab ID: 23030998-002

Client Sample ID: S-02 (6-8)
Collection Date: 3/29/2023 9:50:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **3/30/2023**		Analyst: **CDM**
Acetone	ND	0.066		mg/Kg-dry	1	4/4/2023
Benzene	ND	0.0044		mg/Kg-dry	1	4/4/2023
Bromodichloromethane	ND	0.0044		mg/Kg-dry	1	4/4/2023
Bromoform	ND	0.0044		mg/Kg-dry	1	4/4/2023
Bromomethane	ND	0.0087		mg/Kg-dry	1	4/4/2023
2-Butanone	ND	0.066		mg/Kg-dry	1	4/4/2023
Carbon disulfide	ND	0.044		mg/Kg-dry	1	4/4/2023
Carbon tetrachloride	ND	0.0044		mg/Kg-dry	1	4/4/2023
Chlorobenzene	ND	0.0044		mg/Kg-dry	1	4/4/2023
Chloroethane	ND	0.0087		mg/Kg-dry	1	4/4/2023
Chloroform	ND	0.0044		mg/Kg-dry	1	4/4/2023
Chloromethane	ND	0.0087		mg/Kg-dry	1	4/4/2023
Dibromochloromethane	ND	0.0044		mg/Kg-dry	1	4/4/2023
1,1-Dichloroethane	ND	0.0044		mg/Kg-dry	1	4/4/2023
1,2-Dichloroethane	ND	0.0044		mg/Kg-dry	1	4/4/2023
1,1-Dichloroethene	ND	0.0044		mg/Kg-dry	1	4/4/2023
cis-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	4/4/2023
trans-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	4/4/2023
1,2-Dichloropropane	ND	0.0044		mg/Kg-dry	1	4/4/2023
cis-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	4/4/2023
trans-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	4/4/2023
Ethylbenzene	ND	0.0044		mg/Kg-dry	1	4/4/2023
2-Hexanone	ND	0.017		mg/Kg-dry	1	4/4/2023
4-Methyl-2-pentanone	ND	0.017		mg/Kg-dry	1	4/4/2023
Methylene chloride	ND	0.0087		mg/Kg-dry	1	4/4/2023
Methyl tert-butyl ether	ND	0.0044		mg/Kg-dry	1	4/4/2023
Styrene	ND	0.0044		mg/Kg-dry	1	4/4/2023
1,1,2,2-Tetrachloroethane	ND	0.0044		mg/Kg-dry	1	4/4/2023
Tetrachloroethene	ND	0.0044		mg/Kg-dry	1	4/4/2023
Toluene	ND	0.0044		mg/Kg-dry	1	4/4/2023
1,1,1-Trichloroethane	ND	0.0044		mg/Kg-dry	1	4/4/2023
1,1,2-Trichloroethane	ND	0.0044		mg/Kg-dry	1	4/4/2023
Trichloroethene	ND	0.0044		mg/Kg-dry	1	4/4/2023
Vinyl chloride	ND	0.0044		mg/Kg-dry	1	4/4/2023
Xylenes, Total	ND	0.013		mg/Kg-dry	1	4/4/2023
Polynuclear Aromatic Hydrocarbons by GC/MS	**SW8270C (SW3550B)**			Prep Date: **4/5/2023**		Analyst: **TEM**
Acenaphthene	ND	0.038		mg/Kg-dry	1	4/6/2023
Acenaphthylene	ND	0.038		mg/Kg-dry	1	4/6/2023

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
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R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Reported: April 07, 2023
Date Printed: April 07, 2023

ANALYTICAL RESULTS

Client: V3 Companies of Illinois
Work Order: 23030998 Revision 0
Project: 16295.JPI_Final, Roadway CCDD, Villa Park, IL.
Lab ID: 23030998-002

Client Sample ID: S-02 (6-8)
Collection Date: 3/29/2023 9:50:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons by GC/MS	**SW8270C (SW3550B)**			Prep Date: **4/5/2023**		Analyst: **TEM**
Anthracene	ND	0.038		mg/Kg-dry	1	4/6/2023
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	4/6/2023
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	4/6/2023
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	4/6/2023
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	4/6/2023
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	4/6/2023
Chrysene	ND	0.038		mg/Kg-dry	1	4/6/2023
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	4/6/2023
Fluoranthene	ND	0.038		mg/Kg-dry	1	4/6/2023
Fluorene	ND	0.038		mg/Kg-dry	1	4/6/2023
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	4/6/2023
Naphthalene	ND	0.038		mg/Kg-dry	1	4/6/2023
Phenanthrene	ND	0.038		mg/Kg-dry	1	4/6/2023
Pyrene	ND	0.038		mg/Kg-dry	1	4/6/2023
Metals by ICP/MS	**SW6020A (SW3050B)**			Prep Date: **4/5/2023**		Analyst: **MDS**
Arsenic	16	1.0		mg/Kg-dry	10	4/6/2023
Barium	40	1.0		mg/Kg-dry	10	4/6/2023
Cadmium	ND	0.50		mg/Kg-dry	10	4/6/2023
Chromium	20	1.0		mg/Kg-dry	10	4/6/2023
Lead	17	0.50		mg/Kg-dry	10	4/6/2023
Selenium	ND	1.0		mg/Kg-dry	10	4/6/2023
Silver	ND	1.0	*	mg/Kg-dry	10	4/6/2023
Mercury	**SW7471B**			Prep Date: **3/30/2023**		Analyst: **SH**
Mercury	ND	0.022		mg/Kg-dry	1	4/3/2023
pH (25 °C)	**SW9045C**			Prep Date: **4/4/2023**		Analyst: **BAS**
pH	8.06			pH Units	1	4/4/2023
Percent Moisture	**D2974**			Prep Date: **4/4/2023**		Analyst: **BAS**
Percent Moisture	13.5	0.2	*	wt%	1	4/5/2023

Qualifiers:

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HT - Sample received past holding time
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Date Reported: April 07, 2023
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ANALYTICAL RESULTS

Client: V3 Companies of Illinois
Work Order: 23030998 Revision 0
Project: 16295.JPI_Final, Roadway CCDD, Villa Park, IL.
Lab ID: 23030998-003

Client Sample ID: S-03 (4-6)
Collection Date: 3/29/2023 10:30:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **3/30/2023**		Analyst: **CDM**
Acetone	ND	0.066		mg/Kg-dry	1	4/4/2023
Benzene	ND	0.0044		mg/Kg-dry	1	4/4/2023
Bromodichloromethane	ND	0.0044		mg/Kg-dry	1	4/4/2023
Bromoform	ND	0.0044		mg/Kg-dry	1	4/4/2023
Bromomethane	ND	0.0088		mg/Kg-dry	1	4/4/2023
2-Butanone	ND	0.066		mg/Kg-dry	1	4/4/2023
Carbon disulfide	ND	0.044		mg/Kg-dry	1	4/4/2023
Carbon tetrachloride	ND	0.0044		mg/Kg-dry	1	4/4/2023
Chlorobenzene	ND	0.0044		mg/Kg-dry	1	4/4/2023
Chloroethane	ND	0.0088		mg/Kg-dry	1	4/4/2023
Chloroform	ND	0.0044		mg/Kg-dry	1	4/4/2023
Chloromethane	ND	0.0088		mg/Kg-dry	1	4/4/2023
Dibromochloromethane	ND	0.0044		mg/Kg-dry	1	4/4/2023
1,1-Dichloroethane	ND	0.0044		mg/Kg-dry	1	4/4/2023
1,2-Dichloroethane	ND	0.0044		mg/Kg-dry	1	4/4/2023
1,1-Dichloroethene	ND	0.0044		mg/Kg-dry	1	4/4/2023
cis-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	4/4/2023
trans-1,2-Dichloroethene	ND	0.0044		mg/Kg-dry	1	4/4/2023
1,2-Dichloropropane	ND	0.0044		mg/Kg-dry	1	4/4/2023
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	4/4/2023
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	4/4/2023
Ethylbenzene	ND	0.0044		mg/Kg-dry	1	4/4/2023
2-Hexanone	ND	0.018		mg/Kg-dry	1	4/4/2023
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	4/4/2023
Methylene chloride	ND	0.0088		mg/Kg-dry	1	4/4/2023
Methyl tert-butyl ether	ND	0.0044		mg/Kg-dry	1	4/4/2023
Styrene	ND	0.0044		mg/Kg-dry	1	4/4/2023
1,1,2,2-Tetrachloroethane	ND	0.0044		mg/Kg-dry	1	4/4/2023
Tetrachloroethene	ND	0.0044		mg/Kg-dry	1	4/4/2023
Toluene	ND	0.0044		mg/Kg-dry	1	4/4/2023
1,1,1-Trichloroethane	ND	0.0044		mg/Kg-dry	1	4/4/2023
1,1,2-Trichloroethane	ND	0.0044		mg/Kg-dry	1	4/4/2023
Trichloroethene	ND	0.0044		mg/Kg-dry	1	4/4/2023
Vinyl chloride	ND	0.0044		mg/Kg-dry	1	4/4/2023
Xylenes, Total	ND	0.013		mg/Kg-dry	1	4/4/2023
Polynuclear Aromatic Hydrocarbons by GC/MS	**SW8270C (SW3550B)**			Prep Date: **4/5/2023**		Analyst: **TEM**
Acenaphthene	ND	0.038		mg/Kg-dry	1	4/6/2023
Acenaphthylene	ND	0.038		mg/Kg-dry	1	4/6/2023

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
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R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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ANALYTICAL RESULTS

Client: V3 Companies of Illinois
Work Order: 23030998 Revision 0
Project: 16295.JPI_Final, Roadway CCDD, Villa Park, IL.
Lab ID: 23030998-003

Client Sample ID: S-03 (4-6)
Collection Date: 3/29/2023 10:30:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons by GC/MS	**SW8270C (SW3550B)**			Prep Date: **4/5/2023**		Analyst: **TEM**
Anthracene	ND	0.038		mg/Kg-dry	1	4/6/2023
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	4/6/2023
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	4/6/2023
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	4/6/2023
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	4/6/2023
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	4/6/2023
Chrysene	ND	0.038		mg/Kg-dry	1	4/6/2023
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	4/6/2023
Fluoranthene	ND	0.038		mg/Kg-dry	1	4/6/2023
Fluorene	ND	0.038		mg/Kg-dry	1	4/6/2023
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	4/6/2023
Naphthalene	ND	0.038		mg/Kg-dry	1	4/6/2023
Phenanthrene	ND	0.038		mg/Kg-dry	1	4/6/2023
Pyrene	ND	0.038		mg/Kg-dry	1	4/6/2023
Metals by ICP/MS	**SW6020A (SW3050B)**			Prep Date: **4/5/2023**		Analyst: **MDS**
Arsenic	16	1.0		mg/Kg-dry	10	4/6/2023
Barium	55	1.0		mg/Kg-dry	10	4/6/2023
Cadmium	ND	0.51		mg/Kg-dry	10	4/6/2023
Chromium	20	1.0		mg/Kg-dry	10	4/6/2023
Lead	24	0.51		mg/Kg-dry	10	4/6/2023
Selenium	ND	1.0		mg/Kg-dry	10	4/6/2023
Silver	ND	1.0	*	mg/Kg-dry	10	4/6/2023
Mercury	**SW7471B**			Prep Date: **3/30/2023**		Analyst: **SH**
Mercury	ND	0.021		mg/Kg-dry	1	4/3/2023
pH (25 °C)	**SW9045C**			Prep Date: **4/4/2023**		Analyst: **BAS**
pH	7.97			pH Units	1	4/4/2023
Percent Moisture	**D2974**			Prep Date: **4/4/2023**		Analyst: **BAS**
Percent Moisture	15.2	0.2	*	wt%	1	4/5/2023

Qualifiers:

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J - Analyte detected below quantitation limits
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HT - Sample received past holding time
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RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
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ANALYTICAL RESULTS

Client: V3 Companies of Illinois
Work Order: 23030998 Revision 0
Project: 16295.JPI_Final, Roadway CCDD, Villa Park, IL.
Lab ID: 23030998-004

Client Sample ID: S-04 (10-12)
Collection Date: 3/29/2023 1:35:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **3/30/2023**		Analyst: **CDM**
Acetone	ND	0.065		mg/Kg-dry	1	4/4/2023
Benzene	ND	0.0043		mg/Kg-dry	1	4/4/2023
Bromodichloromethane	ND	0.0043		mg/Kg-dry	1	4/4/2023
Bromoform	ND	0.0043		mg/Kg-dry	1	4/4/2023
Bromomethane	ND	0.0087		mg/Kg-dry	1	4/4/2023
2-Butanone	ND	0.065		mg/Kg-dry	1	4/4/2023
Carbon disulfide	ND	0.043		mg/Kg-dry	1	4/4/2023
Carbon tetrachloride	ND	0.0043		mg/Kg-dry	1	4/4/2023
Chlorobenzene	ND	0.0043		mg/Kg-dry	1	4/4/2023
Chloroethane	ND	0.0087		mg/Kg-dry	1	4/4/2023
Chloroform	ND	0.0043		mg/Kg-dry	1	4/4/2023
Chloromethane	ND	0.0087		mg/Kg-dry	1	4/4/2023
Dibromochloromethane	ND	0.0043		mg/Kg-dry	1	4/4/2023
1,1-Dichloroethane	ND	0.0043		mg/Kg-dry	1	4/4/2023
1,2-Dichloroethane	ND	0.0043		mg/Kg-dry	1	4/4/2023
1,1-Dichloroethene	ND	0.0043		mg/Kg-dry	1	4/4/2023
cis-1,2-Dichloroethene	ND	0.0043		mg/Kg-dry	1	4/4/2023
trans-1,2-Dichloroethene	ND	0.0043		mg/Kg-dry	1	4/4/2023
1,2-Dichloropropane	ND	0.0043		mg/Kg-dry	1	4/4/2023
cis-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	4/4/2023
trans-1,3-Dichloropropene	ND	0.0017		mg/Kg-dry	1	4/4/2023
Ethylbenzene	ND	0.0043		mg/Kg-dry	1	4/4/2023
2-Hexanone	ND	0.017		mg/Kg-dry	1	4/4/2023
4-Methyl-2-pentanone	ND	0.017		mg/Kg-dry	1	4/4/2023
Methylene chloride	ND	0.0087		mg/Kg-dry	1	4/4/2023
Methyl tert-butyl ether	ND	0.0043		mg/Kg-dry	1	4/4/2023
Styrene	ND	0.0043		mg/Kg-dry	1	4/4/2023
1,1,2,2-Tetrachloroethane	ND	0.0043		mg/Kg-dry	1	4/4/2023
Tetrachloroethene	ND	0.0043		mg/Kg-dry	1	4/4/2023
Toluene	ND	0.0043		mg/Kg-dry	1	4/4/2023
1,1,1-Trichloroethane	ND	0.0043		mg/Kg-dry	1	4/4/2023
1,1,2-Trichloroethane	ND	0.0043		mg/Kg-dry	1	4/4/2023
Trichloroethene	ND	0.0043		mg/Kg-dry	1	4/4/2023
Vinyl chloride	ND	0.0043		mg/Kg-dry	1	4/4/2023
Xylenes, Total	ND	0.013		mg/Kg-dry	1	4/4/2023
Polynuclear Aromatic Hydrocarbons by GC/MS	**SW8270C (SW3550B)**			Prep Date: **4/5/2023**		Analyst: **TEM**
Acenaphthene	ND	0.040		mg/Kg-dry	1	4/6/2023
Acenaphthylene	ND	0.040		mg/Kg-dry	1	4/6/2023

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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CONTRACT

Date Reported: April 07, 2023
Date Printed: April 07, 2023

ANALYTICAL RESULTS

Client: V3 Companies of Illinois
Work Order: 23030998 Revision 0
Project: 16295.JPI_Final, Roadway CCDD, Villa Park, IL.
Lab ID: 23030998-004

Client Sample ID: S-04 (10-12)
Collection Date: 3/29/2023 1:35:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons by GC/MS	**SW8270C (SW3550B)**			Prep Date: **4/5/2023**		Analyst: **TEM**
Anthracene	ND	0.040		mg/Kg-dry	1	4/6/2023
Benz(a)anthracene	ND	0.040		mg/Kg-dry	1	4/6/2023
Benzo(a)pyrene	ND	0.040		mg/Kg-dry	1	4/6/2023
Benzo(b)fluoranthene	ND	0.040		mg/Kg-dry	1	4/6/2023
Benzo(g,h,i)perylene	ND	0.040		mg/Kg-dry	1	4/6/2023
Benzo(k)fluoranthene	ND	0.040		mg/Kg-dry	1	4/6/2023
Chrysene	ND	0.040		mg/Kg-dry	1	4/6/2023
Dibenz(a,h)anthracene	ND	0.040		mg/Kg-dry	1	4/6/2023
Fluoranthene	ND	0.040		mg/Kg-dry	1	4/6/2023
Fluorene	ND	0.040		mg/Kg-dry	1	4/6/2023
Indeno(1,2,3-cd)pyrene	ND	0.040		mg/Kg-dry	1	4/6/2023
Naphthalene	ND	0.040		mg/Kg-dry	1	4/6/2023
Phenanthrene	ND	0.040		mg/Kg-dry	1	4/6/2023
Pyrene	ND	0.040		mg/Kg-dry	1	4/6/2023
Metals by ICP/MS	**SW6020A (SW3050B)**			Prep Date: **4/5/2023**		Analyst: **MDS**
Arsenic	4.7	1.2		mg/Kg-dry	10	4/6/2023
Barium	53	1.2		mg/Kg-dry	10	4/6/2023
Cadmium	ND	0.58		mg/Kg-dry	10	4/6/2023
Chromium	24	1.2		mg/Kg-dry	10	4/6/2023
Lead	12	0.58		mg/Kg-dry	10	4/6/2023
Selenium	ND	1.2		mg/Kg-dry	10	4/6/2023
Silver	ND	1.2	*	mg/Kg-dry	10	4/6/2023
Mercury	**SW7471B**			Prep Date: **3/30/2023**		Analyst: **SH**
Mercury	ND	0.022		mg/Kg-dry	1	4/3/2023
pH (25 °C)	**SW9045C**			Prep Date: **4/4/2023**		Analyst: **BAS**
pH	8.35			pH Units	1	4/4/2023
Percent Moisture	**D2974**			Prep Date: **4/4/2023**		Analyst: **BAS**
Percent Moisture	17.0	0.2	*	wt%	1	4/5/2023

Qualifiers:

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Date Reported: April 07, 2023
Date Printed: April 07, 2023

ANALYTICAL RESULTS

Client: V3 Companies of Illinois
Work Order: 23030998 Revision 0
Project: 16295.JPI_Final, Roadway CCDD, Villa Park, IL.
Lab ID: 23030998-005

Client Sample ID: S-05 (12-14)
Collection Date: 3/29/2023 11:36:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **3/30/2023**		Analyst: **CBG**
Acetone	ND	0.067		mg/Kg-dry	1	4/5/2023
Benzene	ND	0.0045		mg/Kg-dry	1	4/5/2023
Bromodichloromethane	ND	0.0045		mg/Kg-dry	1	4/5/2023
Bromoform	ND	0.0045		mg/Kg-dry	1	4/5/2023
Bromomethane	ND	0.0090		mg/Kg-dry	1	4/5/2023
2-Butanone	ND	0.067		mg/Kg-dry	1	4/5/2023
Carbon disulfide	ND	0.045		mg/Kg-dry	1	4/5/2023
Carbon tetrachloride	ND	0.0045		mg/Kg-dry	1	4/5/2023
Chlorobenzene	ND	0.0045		mg/Kg-dry	1	4/5/2023
Chloroethane	ND	0.0090		mg/Kg-dry	1	4/5/2023
Chloroform	ND	0.0045		mg/Kg-dry	1	4/5/2023
Chloromethane	ND	0.0090		mg/Kg-dry	1	4/5/2023
Dibromochloromethane	ND	0.0045		mg/Kg-dry	1	4/5/2023
1,1-Dichloroethane	ND	0.0045		mg/Kg-dry	1	4/5/2023
1,2-Dichloroethane	ND	0.0045		mg/Kg-dry	1	4/5/2023
1,1-Dichloroethene	ND	0.0045		mg/Kg-dry	1	4/5/2023
cis-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	4/5/2023
trans-1,2-Dichloroethene	ND	0.0045		mg/Kg-dry	1	4/5/2023
1,2-Dichloropropane	ND	0.0045		mg/Kg-dry	1	4/5/2023
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	4/5/2023
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	4/5/2023
Ethylbenzene	ND	0.0045		mg/Kg-dry	1	4/5/2023
2-Hexanone	ND	0.018		mg/Kg-dry	1	4/5/2023
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	4/5/2023
Methylene chloride	ND	0.0090		mg/Kg-dry	1	4/5/2023
Methyl tert-butyl ether	ND	0.0045		mg/Kg-dry	1	4/5/2023
Styrene	ND	0.0045		mg/Kg-dry	1	4/5/2023
1,1,2,2-Tetrachloroethane	ND	0.0045		mg/Kg-dry	1	4/5/2023
Tetrachloroethene	ND	0.0045		mg/Kg-dry	1	4/5/2023
Toluene	ND	0.0045		mg/Kg-dry	1	4/5/2023
1,1,1-Trichloroethane	ND	0.0045		mg/Kg-dry	1	4/5/2023
1,1,2-Trichloroethane	ND	0.0045		mg/Kg-dry	1	4/5/2023
Trichloroethene	ND	0.0045		mg/Kg-dry	1	4/5/2023
Vinyl chloride	ND	0.0045		mg/Kg-dry	1	4/5/2023
Xylenes, Total	ND	0.013		mg/Kg-dry	1	4/5/2023
Polynuclear Aromatic Hydrocarbons by GC/MS	**SW8270C (SW3550B)**			Prep Date: **4/5/2023**		Analyst: **TEM**
Acenaphthene	ND	0.037		mg/Kg-dry	1	4/6/2023
Acenaphthylene	ND	0.037		mg/Kg-dry	1	4/6/2023

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Reported: April 07, 2023
Date Printed: April 07, 2023

ANALYTICAL RESULTS

Client: V3 Companies of Illinois
Work Order: 23030998 Revision 0
Project: 16295.JPI_Final, Roadway CCDD, Villa Park, IL.
Lab ID: 23030998-005

Client Sample ID: S-05 (12-14)
Collection Date: 3/29/2023 11:36:00 AM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons by GC/MS	**SW8270C (SW3550B)**			Prep Date: **4/5/2023**		Analyst: **TEM**
Anthracene	ND	0.037		mg/Kg-dry	1	4/6/2023
Benz(a)anthracene	ND	0.037		mg/Kg-dry	1	4/6/2023
Benzo(a)pyrene	ND	0.037		mg/Kg-dry	1	4/6/2023
Benzo(b)fluoranthene	ND	0.037		mg/Kg-dry	1	4/6/2023
Benzo(g,h,i)perylene	ND	0.037		mg/Kg-dry	1	4/6/2023
Benzo(k)fluoranthene	ND	0.037		mg/Kg-dry	1	4/6/2023
Chrysene	ND	0.037		mg/Kg-dry	1	4/6/2023
Dibenz(a,h)anthracene	ND	0.037		mg/Kg-dry	1	4/6/2023
Fluoranthene	ND	0.037		mg/Kg-dry	1	4/6/2023
Fluorene	ND	0.037		mg/Kg-dry	1	4/6/2023
Indeno(1,2,3-cd)pyrene	ND	0.037		mg/Kg-dry	1	4/6/2023
Naphthalene	ND	0.037		mg/Kg-dry	1	4/6/2023
Phenanthrene	0.061	0.037		mg/Kg-dry	1	4/6/2023
Pyrene	ND	0.037		mg/Kg-dry	1	4/6/2023
Metals by ICP/MS	**SW6020A (SW3050B)**			Prep Date: **4/5/2023**		Analyst: **MDS**
Arsenic	20	1.1		mg/Kg-dry	10	4/6/2023
Barium	27	1.1		mg/Kg-dry	10	4/6/2023
Cadmium	ND	0.54		mg/Kg-dry	10	4/6/2023
Chromium	18	1.1		mg/Kg-dry	10	4/6/2023
Lead	31	0.54		mg/Kg-dry	10	4/6/2023
Selenium	ND	1.1		mg/Kg-dry	10	4/6/2023
Silver	ND	1.1	*	mg/Kg-dry	10	4/6/2023
Mercury	**SW7471B**			Prep Date: **3/30/2023**		Analyst: **SH**
Mercury	ND	0.018		mg/Kg-dry	1	4/3/2023
pH (25 °C)	**SW9045C**			Prep Date: **4/4/2023**		Analyst: **BAS**
pH	7.71			pH Units	1	4/4/2023
Percent Moisture	**D2974**			Prep Date: **4/4/2023**		Analyst: **BAS**
Percent Moisture	12.6	0.2	*	wt%	1	4/5/2023

Qualifiers:

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HT - Sample received past holding time
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RL - Reporting / Quantitation Limit for the analysis
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E - Value above quantitation range
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Date Reported: April 07, 2023
Date Printed: April 07, 2023

ANALYTICAL RESULTS

Client: V3 Companies of Illinois
Work Order: 23030998 Revision 0
Project: 16295.JPI_Final, Roadway CCDD, Villa Park, IL.
Lab ID: 23030998-006

Client Sample ID: S-06 (3-5)
Collection Date: 3/29/2023 12:45:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **3/30/2023**		Analyst: **CDM**
Acetone	ND	0.069		mg/Kg-dry	1	4/5/2023
Benzene	ND	0.0046		mg/Kg-dry	1	4/5/2023
Bromodichloromethane	ND	0.0046		mg/Kg-dry	1	4/5/2023
Bromoform	ND	0.0046		mg/Kg-dry	1	4/5/2023
Bromomethane	ND	0.0091		mg/Kg-dry	1	4/5/2023
2-Butanone	ND	0.069		mg/Kg-dry	1	4/5/2023
Carbon disulfide	ND	0.046		mg/Kg-dry	1	4/5/2023
Carbon tetrachloride	ND	0.0046		mg/Kg-dry	1	4/5/2023
Chlorobenzene	ND	0.0046		mg/Kg-dry	1	4/5/2023
Chloroethane	ND	0.0091		mg/Kg-dry	1	4/5/2023
Chloroform	ND	0.0046		mg/Kg-dry	1	4/5/2023
Chloromethane	ND	0.0091		mg/Kg-dry	1	4/5/2023
Dibromochloromethane	ND	0.0046		mg/Kg-dry	1	4/5/2023
1,1-Dichloroethane	ND	0.0046		mg/Kg-dry	1	4/5/2023
1,2-Dichloroethane	ND	0.0046		mg/Kg-dry	1	4/5/2023
1,1-Dichloroethene	ND	0.0046		mg/Kg-dry	1	4/5/2023
cis-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	4/5/2023
trans-1,2-Dichloroethene	ND	0.0046		mg/Kg-dry	1	4/5/2023
1,2-Dichloropropane	ND	0.0046		mg/Kg-dry	1	4/5/2023
cis-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	4/5/2023
trans-1,3-Dichloropropene	ND	0.0018		mg/Kg-dry	1	4/5/2023
Ethylbenzene	ND	0.0046		mg/Kg-dry	1	4/5/2023
2-Hexanone	ND	0.018		mg/Kg-dry	1	4/5/2023
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	4/5/2023
Methylene chloride	ND	0.0091		mg/Kg-dry	1	4/5/2023
Methyl tert-butyl ether	ND	0.0046		mg/Kg-dry	1	4/5/2023
Styrene	ND	0.0046		mg/Kg-dry	1	4/5/2023
1,1,2,2-Tetrachloroethane	ND	0.0046		mg/Kg-dry	1	4/5/2023
Tetrachloroethene	ND	0.0046		mg/Kg-dry	1	4/5/2023
Toluene	ND	0.0046		mg/Kg-dry	1	4/5/2023
1,1,1-Trichloroethane	ND	0.0046		mg/Kg-dry	1	4/5/2023
1,1,2-Trichloroethane	ND	0.0046		mg/Kg-dry	1	4/5/2023
Trichloroethene	ND	0.0046		mg/Kg-dry	1	4/5/2023
Vinyl chloride	ND	0.0046		mg/Kg-dry	1	4/5/2023
Xylenes, Total	ND	0.014		mg/Kg-dry	1	4/5/2023
Polynuclear Aromatic Hydrocarbons by GC/MS	**SW8270C (SW3550B)**			Prep Date: **4/5/2023**		Analyst: **TEM**
Acenaphthene	ND	0.039		mg/Kg-dry	1	4/6/2023
Acenaphthylene	ND	0.039		mg/Kg-dry	1	4/6/2023

Qualifiers:
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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
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Date Reported: April 07, 2023
Date Printed: April 07, 2023

ANALYTICAL RESULTS

Client: V3 Companies of Illinois
Work Order: 23030998 Revision 0
Project: 16295.JPI_Final, Roadway CCDD, Villa Park, IL.
Lab ID: 23030998-006

Client Sample ID: S-06 (3-5)
Collection Date: 3/29/2023 12:45:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons by GC/MS	**SW8270C (SW3550B)**			Prep Date: **4/5/2023**		Analyst: **TEM**
Anthracene	ND	0.039		mg/Kg-dry	1	4/6/2023
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	4/6/2023
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	4/6/2023
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	4/6/2023
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	4/6/2023
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	4/6/2023
Chrysene	ND	0.039		mg/Kg-dry	1	4/6/2023
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	4/6/2023
Fluoranthene	ND	0.039		mg/Kg-dry	1	4/6/2023
Fluorene	ND	0.039		mg/Kg-dry	1	4/6/2023
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	4/6/2023
Naphthalene	ND	0.039		mg/Kg-dry	1	4/6/2023
Phenanthrene	ND	0.039		mg/Kg-dry	1	4/6/2023
Pyrene	ND	0.039		mg/Kg-dry	1	4/6/2023
Metals by ICP/MS	**SW6020A (SW3050B)**			Prep Date: **4/5/2023**		Analyst: **MDS**
Arsenic	13	1.1		mg/Kg-dry	10	4/6/2023
Barium	47	1.1		mg/Kg-dry	10	4/6/2023
Cadmium	ND	0.53		mg/Kg-dry	10	4/6/2023
Chromium	19	1.1		mg/Kg-dry	10	4/6/2023
Lead	23	0.53		mg/Kg-dry	10	4/6/2023
Selenium	ND	1.1		mg/Kg-dry	10	4/6/2023
Silver	ND	1.1	*	mg/Kg-dry	10	4/6/2023
Mercury	**SW7471B**			Prep Date: **3/30/2023**		Analyst: **SH**
Mercury	ND	0.022		mg/Kg-dry	1	4/3/2023
pH (25 °C)	**SW9045C**			Prep Date: **4/4/2023**		Analyst: **BAS**
pH	8.46			pH Units	1	4/4/2023
Percent Moisture	**D2974**			Prep Date: **4/4/2023**		Analyst: **BAS**
Percent Moisture	16.4	0.2	*	wt%	1	4/5/2023

Qualifiers:
ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Date Reported: April 07, 2023
Date Printed: April 07, 2023

ANALYTICAL RESULTS

Client: V3 Companies of Illinois
Work Order: 23030998 Revision 0
Project: 16295.JPI_Final, Roadway CCDD, Villa Park, IL.
Lab ID: 23030998-007

Client Sample ID: S-07 (1-3)
Collection Date: 3/29/2023 12:05:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **3/30/2023**		Analyst: **CDM**
Acetone	ND	0.070		mg/Kg-dry	1	4/5/2023
Benzene	ND	0.0047		mg/Kg-dry	1	4/5/2023
Bromodichloromethane	ND	0.0047		mg/Kg-dry	1	4/5/2023
Bromoform	ND	0.0047		mg/Kg-dry	1	4/5/2023
Bromomethane	ND	0.0093		mg/Kg-dry	1	4/5/2023
2-Butanone	ND	0.070		mg/Kg-dry	1	4/5/2023
Carbon disulfide	ND	0.047		mg/Kg-dry	1	4/5/2023
Carbon tetrachloride	ND	0.0047		mg/Kg-dry	1	4/5/2023
Chlorobenzene	ND	0.0047		mg/Kg-dry	1	4/5/2023
Chloroethane	ND	0.0093		mg/Kg-dry	1	4/5/2023
Chloroform	ND	0.0047		mg/Kg-dry	1	4/5/2023
Chloromethane	ND	0.0093		mg/Kg-dry	1	4/5/2023
Dibromochloromethane	ND	0.0047		mg/Kg-dry	1	4/5/2023
1,1-Dichloroethane	ND	0.0047		mg/Kg-dry	1	4/5/2023
1,2-Dichloroethane	ND	0.0047		mg/Kg-dry	1	4/5/2023
1,1-Dichloroethene	ND	0.0047		mg/Kg-dry	1	4/5/2023
cis-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	4/5/2023
trans-1,2-Dichloroethene	ND	0.0047		mg/Kg-dry	1	4/5/2023
1,2-Dichloropropane	ND	0.0047		mg/Kg-dry	1	4/5/2023
cis-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	4/5/2023
trans-1,3-Dichloropropene	ND	0.0019		mg/Kg-dry	1	4/5/2023
Ethylbenzene	ND	0.0047		mg/Kg-dry	1	4/5/2023
2-Hexanone	ND	0.019		mg/Kg-dry	1	4/5/2023
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	4/5/2023
Methylene chloride	ND	0.0093		mg/Kg-dry	1	4/5/2023
Methyl tert-butyl ether	ND	0.0047		mg/Kg-dry	1	4/5/2023
Styrene	ND	0.0047		mg/Kg-dry	1	4/5/2023
1,1,2,2-Tetrachloroethane	ND	0.0047		mg/Kg-dry	1	4/5/2023
Tetrachloroethene	ND	0.0047		mg/Kg-dry	1	4/5/2023
Toluene	ND	0.0047		mg/Kg-dry	1	4/5/2023
1,1,1-Trichloroethane	ND	0.0047		mg/Kg-dry	1	4/5/2023
1,1,2-Trichloroethane	ND	0.0047		mg/Kg-dry	1	4/5/2023
Trichloroethene	ND	0.0047		mg/Kg-dry	1	4/5/2023
Vinyl chloride	ND	0.0047		mg/Kg-dry	1	4/5/2023
Xylenes, Total	ND	0.014		mg/Kg-dry	1	4/5/2023
Polynuclear Aromatic Hydrocarbons by GC/MS	**SW8270C (SW3550B)**			Prep Date: **4/5/2023**		Analyst: **TEM**
Acenaphthene	ND	0.041		mg/Kg-dry	1	4/6/2023
Acenaphthylene	ND	0.041		mg/Kg-dry	1	4/6/2023

Qualifiers:
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Date Reported: April 07, 2023
Date Printed: April 07, 2023

ANALYTICAL RESULTS

Client: V3 Companies of Illinois
Work Order: 23030998 Revision 0
Project: 16295.JPI_Final, Roadway CCDD, Villa Park, IL.
Lab ID: 23030998-007

Client Sample ID: S-07 (1-3)
Collection Date: 3/29/2023 12:05:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons by GC/MS	**SW8270C (SW3550B)**			Prep Date: **4/5/2023**		Analyst: **TEM**
Anthracene	ND	0.041		mg/Kg-dry	1	4/6/2023
Benz(a)anthracene	ND	0.041		mg/Kg-dry	1	4/6/2023
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	1	4/6/2023
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	1	4/6/2023
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	1	4/6/2023
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	1	4/6/2023
Chrysene	ND	0.041		mg/Kg-dry	1	4/6/2023
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	1	4/6/2023
Fluoranthene	ND	0.041		mg/Kg-dry	1	4/6/2023
Fluorene	ND	0.041		mg/Kg-dry	1	4/6/2023
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	1	4/6/2023
Naphthalene	ND	0.041		mg/Kg-dry	1	4/6/2023
Phenanthrene	ND	0.041		mg/Kg-dry	1	4/6/2023
Pyrene	ND	0.041		mg/Kg-dry	1	4/6/2023
Metals by ICP/MS	**SW6020A (SW3050B)**			Prep Date: **4/5/2023**		Analyst: **MDS**
Arsenic	13	1.1		mg/Kg-dry	10	4/6/2023
Barium	120	1.1		mg/Kg-dry	10	4/6/2023
Cadmium	ND	0.53		mg/Kg-dry	10	4/6/2023
Chromium	20	1.1		mg/Kg-dry	10	4/6/2023
Lead	23	0.53		mg/Kg-dry	10	4/6/2023
Selenium	ND	1.1		mg/Kg-dry	10	4/6/2023
Silver	ND	1.1	*	mg/Kg-dry	10	4/6/2023
Mercury	**SW7471B**			Prep Date: **3/30/2023**		Analyst: **SH**
Mercury	0.032	0.021		mg/Kg-dry	1	4/3/2023
pH (25 °C)	**SW9045C**			Prep Date: **4/4/2023**		Analyst: **BAS**
pH	7.65			pH Units	1	4/4/2023
Percent Moisture	**D2974**			Prep Date: **4/4/2023**		Analyst: **BAS**
Percent Moisture	19.1	0.2	*	wt%	1	4/5/2023

Qualifiers:

ND - Not Detected at the Reporting Limit
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HT - Sample received past holding time
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e-mail address: STATinfo@STATAnalysis.com

CHAIN OF CUSTODY RECORD

№: 934244 **Page :** ____ **of** ____

Company: V3
Project Number: 16295.JPI_Final Client Tracking No.:
Project Name: ROADWAY CCDD
Project Location: VILLA PARK, IL
Sampler(s): NS
Report To: NS, JS Phone:
Fax:
QC Level: 1 2 3 4 e-mail:

Quote No.:
P.O. No.:
Turn Around Time (Days): 1 2 3 4 5-7 10
Results Needed: / / am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	VOCs	PNAs	RCRA Metals	pH	Additional Information:	Lab No.:
S-01 (2.5-4.5)	03-29-23	08:50	S				4	X	X	X	X		001
S-02 (6-8)	03-29-23	09:50	S				4	X	X	X	X		002
S-03 (4-6)	03-29-23	10:30	S				4	X	X	X	X		003
S-04 (10-12)	03-29-23	13:35	S				4	X	X	X	X		004
S-05 (12-14)	03-29-23	11:30	S				4	X	X	X	X		005
S-06 (3-5)	03-29-23	12:45	S				4	X	X	X	X		006
S-07 (1-3)	03-29-23	12:05	S				4	X	X	X	X		007

Relinquished by: (Signature) Date/Time: 03/29/23 14:45
Received by: (Signature) Date/Time: 03/29/2023 1445
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:

Comments:

Preservation Code: A = None B = HNO_3 C = NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

Laboratory Work Order No.: 23030998

Received on Ice: Yes ☑ No ☐
Temperature: On Ice °C

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Sample Receipt Checklist

Client Name **V3**

Date and Time Received: **3/29/2023 2:45:00 PM**

Work Order Number **23030998**

Received by: MM

Checklist completed by: MM Signature 3/29/2023 Date

Reviewed by: M Initials 3/30/2023 Date

Matrix:

Carrier name Client Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels/containers?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container or Temp Blank temperature in compliance?	Yes ☑	No ☐	Temperature On Ice °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☒	Yes ☒	No ☒
Water - Samples pH checked?	Yes ☒	No ☒	Checked by:
Water - Samples properly preserved?	Yes ☒	No ☒	pH Adjusted?

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted: Date contacted: Contacted by:

Response:

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Addison/Wisconsin/Madison Improvements
741 S Wisconsin Ave
Villa Park, IL 60181

Inquiry Number: 7289426.2s
March 24, 2023

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

741 S WISCONSIN AVE
VILLA PARK, IL 60181

COORDINATES

Latitude (North):	41.8750490 - 41ˆ 52' 30.17"
Longitude (West):	87.9869310 - 87ˆ 59' 12.95"
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	418102.3
UTM Y (Meters):	4636160.5
Elevation:	707 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	10735938 HINSDALE, IL
Version Date:	2018
Northeast Map:	10735930 ELMHURST, IL
Version Date:	2018
Southwest Map:	10706026 WHEATON, IL
Version Date:	2018
Northwest Map:	10736040 LOMBARD, IL
Version Date:	2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150822
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
741 S WISCONSIN AVE
VILLA PARK, IL 60181

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
	SUN CO	332 W ADAMS	EDR Hist Auto	Higher	191, 0.036, SSW
	RUDNYS INC	1134 E MADISON ST	EDR Hist Auto	Higher	254, 0.048, Wes
3	OVER THE RAINBOW ASS	1005 EAST DIVISION S	LUST	Higher	1528, 0.289, NW
4	GENTILE, FRANK	321 SOUTH WESTMORE	LUST	Higher	1756, 0.333, NW
	EASTGATE CLEANERS	837 SOUTH WESTMORE A	ENG CONTROLS, INST CONTROL, SRP	Higher	1887, 0.357, SW
	WESTMORE ELEMENTARY	340 SCHOOL ST	LUST, FINDS, ECHO, AIRS, BOL	Higher	1915, 0.363, NW
7	WESTMORE SUPPLY CO.	250 SOUTH WESTMORE A	LUST	Higher	2350, 0.445, NN
8	WESTMORE SUPPLY COMP	250 SOUTH WESTMORE A	LUST, SPILLS, TIER 2	Higher	2350, 0.445, NN
	BARG, DON	200 SOUTH WESTMORE A	LUST	Higher	2627, 0.498, NN

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ..... Federal Facility Site Information listing
SEMS ..... Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ..... Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ..... Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG ..... RCRA - Large Quantity Generators
RCRA-SQG ..... RCRA - Small Quantity Generators
RCRA-VSQG ..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ..... Land Use Control Information System

EXECUTIVE SUMMARY

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal hazardous waste facilities

SSU..... State Sites Unit Listing

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF..... Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to State Surcharge
CCDD..... Clean Construction or Demolition Debris
LF SPECIAL WASTE..... Special Waste Site List
IL NIPC..... Solid Waste Landfill Inventory

Lists of state and tribal leaking storage tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
LUST TRUST..... Underground Storage Tank Fund Payment Priority List

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
UST..... Underground Storage Tank Facility List
AST..... Above Ground Storage Tanks
INDIAN UST..... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS..... Municipal Brownfields Redevelopment Grant Program Project Descriptions

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

EXECUTIVE SUMMARY

CDL	Meth Drug Lab Site Listing
US CDL	National Clandestine Laboratory Register

Local Land Records

LIENS 2	CERCLA Lien Information

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
SPILLS	State spills
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System
UXO	Unexploded Ordnance Sites
ECHO	Enforcement & Compliance History Information
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
PFAS NPL	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES	Federal Sites PFAS Information

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EXECUTIVE SUMMARY

PFAS TSCA	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR	PFAS Contamination Site Location Listing
PFAS WQP	Ambient Environmental Sampling for PFAS
PFAS NPDES	Clean Water Act Discharge Monitoring Information
PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING	Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing
PFAS	PFAS Sampling Listing
AIRS	Air Inventory Listing
ASBESTOS	ASBESTOS
BOL	Bureau of Land Inventory Database
COAL ASH	Coal Ash Site Listing
DRYCLEANERS	Illinois Licensed Drycleaners
Financial Assurance	Financial Assurance Information Listing
HWAR	Hazard Waste Annual Report
IMPDMENT	Surface Impoundment Inventory
NPDES	A Listing of Active Permits
PIMW	Potentially Infectious Medical Waste
TIER 2	Tier 2 Information Listing
UIC	Underground Injection Wells
MINES MRDS	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF	Recovered Government Archive Solid Waste Facilities List
RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

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STANDARD ENVIRONMENTAL RECORDS

Lists of state and tribal leaking storage tanks

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Illinois Environmental Protection Agency's LUST Incident Report.

A review of the LUST list, as provided by EDR, and dated 10/17/2022 has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OVER THE RAINBOW ASS NFA/NFR Letter: 2019-02-06 Incident Num: 20180859 IL EPA Id: 430605328	1005 EAST DIVISION S	NW 1/4 - 1/2 (0.289 mi.)	A3	8
GENTILE, FRANK Incident Num: 880127 Incident Num: 960382 IL EPA Id: 430605038	321 SOUTH WESTMORE	NW 1/4 - 1/2 (0.333 mi.)	A4	9
WESTMORE ELEMENTARY NFA/NFR Letter: 2010-10-26 Incident Num: 921560 IL EPA Id: 430605116	***340 SCHOOL ST***	***NW 1/4 - 1/2 (0.363 mi.)***	***6***	***11***
WESTMORE SUPPLY CO. NFA/NFR Letter: 2001-09-25 Incident Num: 20000312 IL EPA Id: 430605212	250 SOUTH WESTMORE A	NNW 1/4 - 1/2 (0.445 mi.)	B7	14
WESTMORE SUPPLY COMP NFA/NFR Letter: 2018-05-08 Incident Num: 20180074 IL EPA Id: 430605212	***250 SOUTH WESTMORE A***	***NNW 1/4 - 1/2 (0.445 mi.)***	***B8***	***14***
BARG, DON Incident Num: 20012082 IL EPA Id: 430605226	200 SOUTH WESTMORE A	NNW 1/4 - 1/2 (0.498 mi.)	9	35

State and tribal institutional control / engineering control registries

ENG CONTROLS: Sites with Engineering Controls.

A review of the ENG CONTROLS list, as provided by EDR, and dated 12/21/2022 has revealed that there is 1 ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EASTGATE CLEANERS Illinois Epa Id: 430605026	***837 SOUTH WESTMORE A***	***SW 1/4 - 1/2 (0.357 mi.)***	***5***	***10***

EXECUTIVE SUMMARY

INST CONTROL: Legal or administrative restrictions on land use and/or other activities (e.g., groundwater use restrictions) which effectively limit exposure to contamination may be employed as alternatives to removal or treatment of contamination.

A review of the INST CONTROL list, as provided by EDR, and dated 12/21/2022 has revealed that there is 1 INST CONTROL site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EASTGATE CLEANERS Illinois EPA Id: 430605026	***837 SOUTH WESTMORE A***	***SW 1/4 - 1/2 (0.357 mi.)***	***5***	***10***

Lists of state and tribal voluntary cleanup sites

SRP: Illinois Environmental Protection Agency, Site Remediation Program Database

A review of the SRP list, as provided by EDR, and dated 12/21/2022 has revealed that there is 1 SRP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EASTGATE CLEANERS IL EPA Id: 430605026	***837 SOUTH WESTMORE A***	***SW 1/4 - 1/2 (0.357 mi.)***	***5***	***10***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SUN CO	332 W ADAMS	SSW 0 - 1/8 (0.036 mi.)	1	8
RUDNYS INC	1134 E MADISON ST	W 0 - 1/8 (0.048 mi.)	2	8

EXECUTIVE SUMMARY

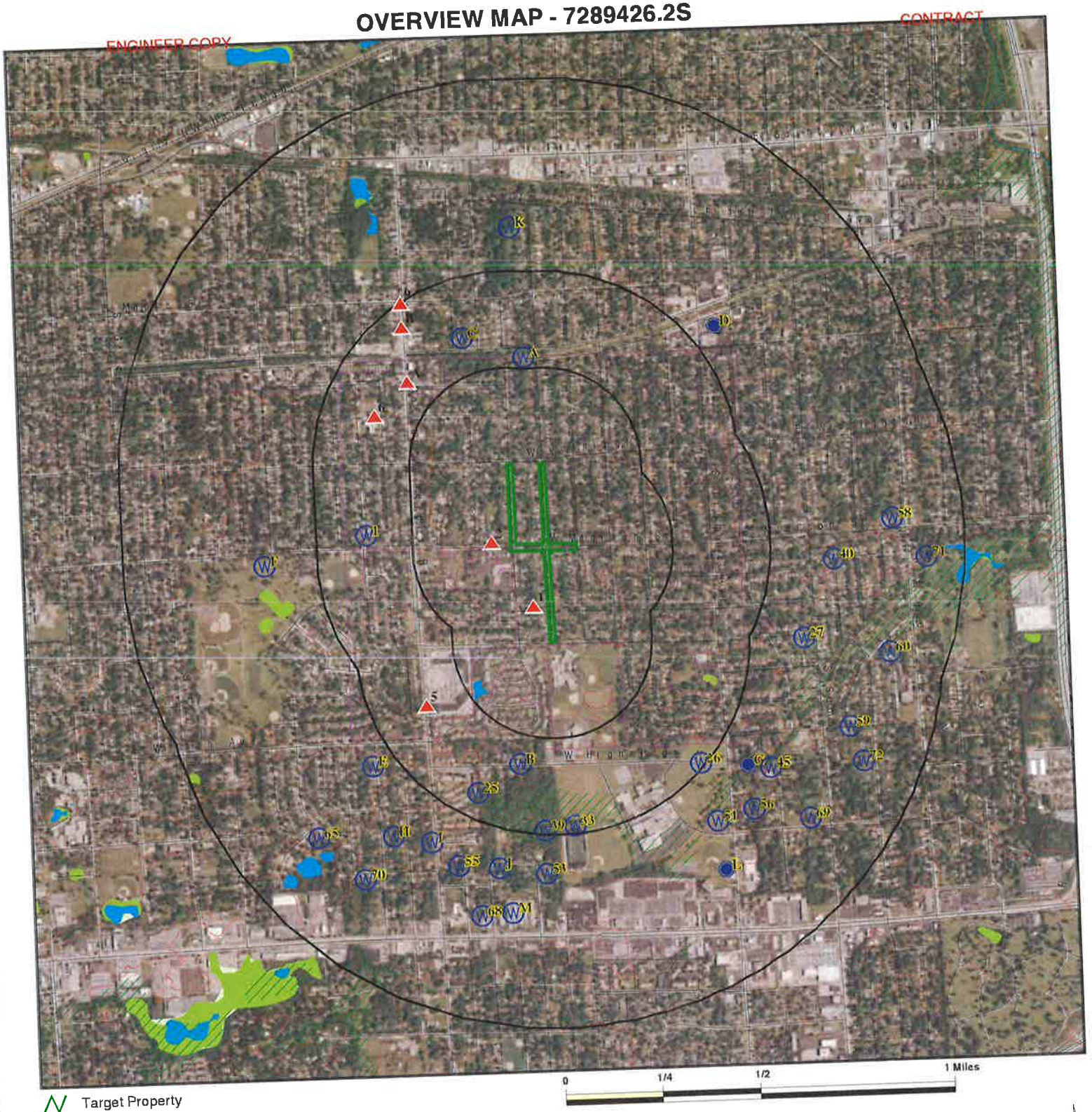
Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name	Database(s)
MAZUR, GARY & JAMES	LUST
SPARAGNA, PHIL	LUST

OVERVIEW MAP - 7289426.2S

ENGINEER COPY

CONTRACT



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

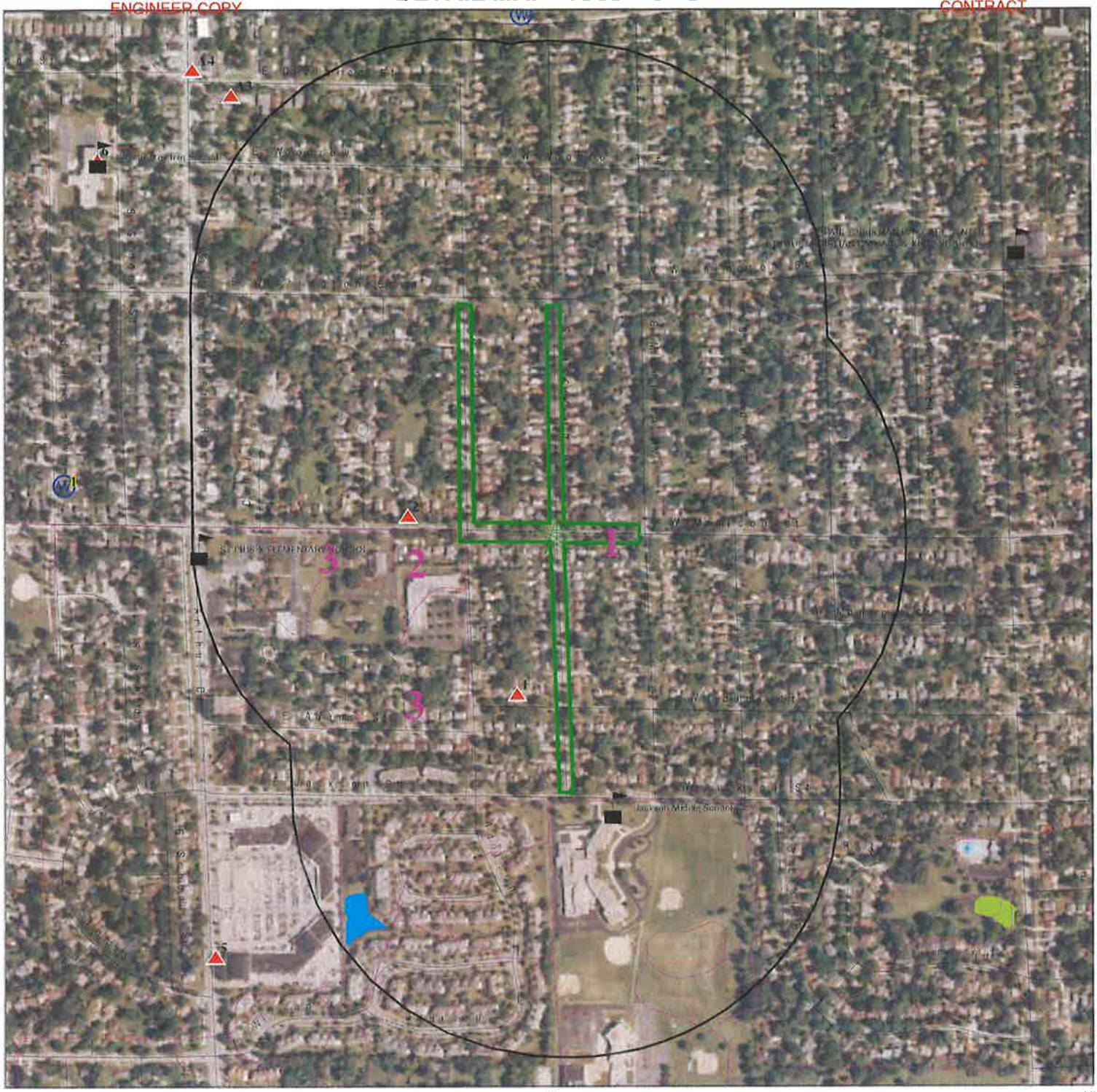
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Addison/Wisconsin/Madison Improvements ADDRESS: 741 S Wisconsin Ave Villa Park IL 60181 LAT/LONG: 41.875049 / 87.986931	CLIENT: V3 Companies of IL, LTD CONTACT: Jonathan D Shuptar INQUIRY #: 7289426.2s DATE: March 24, 2023 12:40 pm

DETAIL MAP - 7289426.2S

ENGINEER COPY

CONTRACT



0 1/8 1/4 1/2 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Addison/Wisconsin/Madison Improvements	CLIENT:	V3 Companies of IL, LTD
ADDRESS:	741 S Wisconsin Ave Villa Park IL 60181	CONTACT:	Jonathan D Shuptar
LAT/LONG:	41.875049 / 87.986931	INQUIRY #:	7289426.2s
		DATE:	March 24, 2023 12:41 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
SSU	1.000		0	0	0	0	NR	0
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0
CCDD	0.500		0	0	0	NR	NR	0
LF SPECIAL WASTE	0.500		0	0	0	NR	NR	0
IL NIPC	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500		0	0	6	NR	NR	6
INDIAN LUST	0.500		0	0	0	NR	NR	0
LUST TRUST	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	1	NR	NR	1
INST CONTROL	0.500		0	0	1	NR	NR	1
Lists of state and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
SRP	0.500		0	0	1	NR	NR	1
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
BOL	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HWAR	0.001		0	NR	NR	NR	NR	0
IMPDMENT	0.500		0	0	0	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PIMW	0.250		0	0	NR	NR	NR	0
TIER 2	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA HWS	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	2	0	9	0	0	11

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number

1
SSW
< 1/8
0.036 mi.
191 ft.

SUN CO
332 W ADAMS
VILLA PARK, IL 60181

EDR Hist Auto **1020559996**
N/A

Relative:
Higher

Actual:
713 ft.

EDR Hist Auto

Year:	Name:	Type:
1971	SUN CO	Gasoline Service Stations

2
West
< 1/8
0.048 mi.
254 ft.

RUDNYS INC
1134 E MADISON ST
LOMBARD, IL 60148

EDR Hist Auto **1020392573**
N/A

Relative:
Higher

Actual:
710 ft.

EDR Hist Auto

Year:	Name:	Type:
2009	RUDNYS INC	General Automotive Repair Shops

A3
NW
1/4-1/2
0.289 mi.
1528 ft.

OVER THE RAINBOW ASSOCIATION
1005 EAST DIVISION STREET
LOMBARD, IL 60148

LUST **S123084803**
N/A

Site 1 of 2 in cluster A

Relative:
Higher

Actual:
715 ft.

LUST:

Name:	OVER THE RAINBOW ASSOCIATION
Address:	1005 EAST DIVISION STREET
City,State,Zip:	LOMBARD, IL 60148
Incident Num:	20180859
IL EPA Id:	430605328
Product:	Fuel Oil
IEMA Date:	2018-09-14
Project Manager:	Burg
Project Manager Phone:	Not reported
Email:	Not reported
PRP Name:	Over the Rainbow Association
PRP Contact:	Eric Huffman
PRP Address:	2040 Brown Avenue
PRP City,St,Zip:	Evanston, IL 60201
PRP Phone:	(847) 328-6633
Site Classification:	Not reported
Section 57.5(g) Letter:	734
Date Section 57.5(g) Letter:	Not reported
Non LUST Determination Letter:	Not reported
20 Report Received:	Not reported
45 Report Received:	2018-11-26
No Further Remediation Letter:	**2019-02-06**
No Further Remediation Date Recorded:	2019-03-22
Heating Oil Date:	Not reported
Non-Lust LR Date:	Not reported

A4
NW
1/4-1/2
0.333 mi.
1756 ft.

GENTILE, FRANK
321 SOUTH WESTMORE
LOMBARD, IL 60148

Site 2 of 2 in cluster A

LUST **S104522166**
N/A

Relative:
Higher

Actual:
715 ft.

LUST:

Name:	WESTMORE AUTOMOTIVE COMPANY
Address:	321 SOUTH WESTMORE
City,State,Zip:	LOMBARD, IL 60148
Incident Num:	880127
IL EPA Id:	430605038
Product:	Unleaded Gas
IEMA Date:	1988-02-05
Project Manager:	Putrich
Project Manager Phone:	(217) 524-4827
Email:	Steve.Putrich@illinois.gov
PRP Name:	Westmore Auto Service Center
PRP Contact:	Thomas Ross
PRP Address:	321 South Westmore
PRP City,St,Zip:	Lombard, IL 60148
PRP Phone:	Not reported
Site Classification:	Not reported
Section 57.5(g) Letter:	731
Date Section 57.5(g) Letter:	Not reported
Non LUST Determination Letter:	Not reported
20 Report Received:	Not reported
45 Report Received:	1988-02-29
No Further Remediation Letter:	**Not reported**
No Further Remediation Date Recorded:	Not reported
Heating Oil Date:	Not reported
Non-Lust LR Date:	Not reported

Name:	GENTILE, FRANK
Address:	321 SOUTH WESTMORE
City,State,Zip:	LOMBARD, IL 60148
Incident Num:	960382
IL EPA Id:	430605038
Product:	Gasoline
IEMA Date:	1996-03-08
Project Manager:	Putrich
Project Manager Phone:	(217) 524-4827
Email:	Steve.Putrich@illinois.gov
PRP Name:	Frank Gentile
PRP Contact:	Not reported
PRP Address:	165 East North Ave.
PRP City,St,Zip:	Villa Park, IL 60181
PRP Phone:	Not reported
Site Classification:	HIGH
Section 57.5(g) Letter:	732
Date Section 57.5(g) Letter:	Not reported
Non LUST Determination Letter:	Not reported
20 Report Received:	Not reported
45 Report Received:	1997-08-08
No Further Remediation Letter:	**Not reported**
No Further Remediation Date Recorded:	Not reported
Heating Oil Date:	Not reported
Non-Lust LR Date:	Not reported

5
SW
1/4-1/2
0.357 mi.
1887 ft.

EASTGATE CLEANERS
837 SOUTH WESTMORE AVENUE
LOMBARD, IL 60148

ENG CONTROLS **S104491799**
INST CONTROL **N/A**
SRP

Relative:
Higher

Actual:
712 ft.

ENGINEERING CONTROLS:

Illinois Epa Id:	430605026
NFR Letter:	10/25/1999
Date NFR Recorded:	11/29/1999
Comprehensive / Focused:	Comprehensive
Remediation Applicant Name:	Patricia Challenger
RA Company:	inland Real Estate Corporation
RA Address:	2901 Butterfield Road
RA City,St,Zip:	Oak Brook 60523
Worker Caution:	Yes
Acres:	13.4
Land Use:	Industrial/Commercial
Ground Water Use Restriction:	Yes
Highway Authority Agreement:	No
Ordinance:	No
Industrial - Commercial:	Yes
Slab on Grade:	No
BCT:	No
Building Slab:	Yes
Asphalt Used:	Yes
Concrete Used:	No
Clean Soil 3ft:	No
Clean Soil 10ft:	No
Alternate Barrier:	No

IL INSTUTIONAL CONTROL:

Illinois EPA Id:	430605026
NFR Letter:	10/25/1999
Date NFR Recorded:	11/29/1999
Comprehensive / Focused:	Comprehensive
Remediation Applicant Name:	Patricia Challenger
RA Company:	inland Real Estate Corporation
RA Address:	2901 Butterfield Road
RA City,St,Zip:	Oak Brook 60523
Worker Caution:	Yes
Acres:	13.4
Land Use:	Industrial/Commercial
Ground Water Use Restriction:	Yes
Highway Authority Agreement:	No
Ordinance:	No
Industrial - Commercial:	Yes
Slab on Grade:	No
BCT:	No
Building Slab:	Yes
Asphalt Used:	Yes
Concrete Used:	No
Clean Soil 3ft:	No
Clean Soil 10ft:	No
Alternate Barrier:	No

SRP:

Name:	EASTGATE CLEANERS

EASTGATE CLEANERS (Continued) **S104491799**

Address:	837 SOUTH WESTMORE AVENUE
City,State,Zip:	LOMBARD, IL 60148
IL EPA Id:	430605026
US EPA Id:	ILD087532651
Longitude:	-87.992082
Latitude:	41.870125
Contact Name:	Patricia Challenger
Contact Address:	2901 Butterfield Road
Contact City,St,Zip:	Oak Brook, IL 60523
Date Enrolled:	05/25/1999
Point Of Contact:	Dale N. Ellingson, P.E.
Consultant Company:	United Analytical Services, Inc.
Consultant Address:	1515 Brook Drive
Consultant City,St,Zip:	Downers Grove, IL 60615
Proj Mgr Assigned:	Andrew Catlin
Sec. 4 Letter Date:	Not reported
Active:	No
Remediation Applicant Co:	Inland Real Estate Corporation

NFRDL:

Effective:	True
Land Use:	Industrial/Commercial
Ground Water Use Restriction:	Yes
Highway Authority A greement:	No
Ordinance:	No
Industrial - Commercial:	Yes
Slab on Grade:	No
BCT:	No
Building Slab:	Yes
Asphalt Used:	Yes
Concrete Used:	No
Clean Soil 3ft:	No
Clean Soil 10ft:	No
Alternate Barrier:	No
Remediation Applicant Name:	Patricia Challenger
Remediation Applicant Company:	inland Real Estate Corporation
Remediation Applicant Address:	2901 Butterfield Road
Remediation Applicant City,St,Zip:	Oak Brook 60523
Illinois EPA:	430605026
Site Name:	Eastgate Cleaners
NFR Letter:	1999-10-25
NFR Letter Date Recorded:	1999-11-29
Comprehensive/Focused:	Comprehensive
Worker Caution:	Y
Acres:	13.4

---

6 **WESTMORE ELEMENTARY SCHOOL** **LUST** **1008118156**
NW **340 SCHOOL ST** **FINDS** **N/A**
1/4-1/2 **LOMBARD, IL 60148** **ECHO**
0.363 mi. **AIRS**
1915 ft. **BOL**

Relative: **Higher**

Actual: **721 ft.**

LUST:

Name:	VILLA PARK SCHOOL DIST. #45
Address:	340 SOUTH SCHOOL ST.
City,State,Zip:	LOMBARD, IL 60148
Incident Num:	921560

WESTMORE ELEMENTARY SCHOOL (Continued) **1008118156**

IL EPA Id:	430605116
Product:	Fuel Oil
IEMA Date:	1992-06-09
Project Manager:	Dilbaitis
Project Manager Phone:	(217) 785-8378
Email:	Bradley.Dilbaitis@illinois.gov
PRP Name:	Villa Park School Dist. #45
PRP Contact:	Milton Klail
PRP Address:	255 West Vermont
PRP City,St,Zip:	Villa Park, IL 60181
PRP Phone:	Not reported
Site Classification:	Not reported
Section 57.5(g) Letter:	731
Date Section 57.5(g) Letter:	Not reported
Non LUST Determination Letter:	Not reported
20 Report Received:	Not reported
45 Report Received:	1992-07-28
No Further Remediation Letter:	**2010-10-26**
No Further Remediation Date Recorded:	Not reported
Heating Oil Date:	Not reported
Non-Lust LR Date:	Not reported

FINDS:
Registry ID: 110018147726

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
AIR EMISSIONS CLASSIFICATION UNKNOWN
ACES (Illinois - Agency Compliance And Enforcement System) is the Illinois EPA Project to facilitate the permitting operations
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
AIR MINOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1008118156
Registry ID:	110018147726
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110018147726

WESTMORE ELEMENTARY SCHOOL (Continued) **1008118156**

Name: WESTMORE ELEMENTARY SCHOOL
Address: 340 SCHOOL ST
City,State,Zip: LOMBARD, IL 60148

AIRS:
Name: WESTMORE ELEMENTARY SCHOOL
Address: 340 SCHOOL ST
City,State,Zip: LOMBARD, IL
2nd Address: Not reported
Facility ID: 4669
Year: Not reported
Contact Name: John Wilson
Contact Title: Property Service Dir.
Contact Telephone: 630-530-6200
Contact Fax: 630-993-6347
Contact Ext: 6290
Contact Email: jwilson@d45.org
ID Number: 043060ABV
Cease Operation Date: 3/31/2005
SIC Code: 8211
NAICS: Not reported
Type Code: LOC
Permit: Not reported
Type: Not reported
Status: Not reported
Status Date: Not reported
Expiration Date: Not reported
Latitude: Not reported
Longitude: Not reported

BOL:
Name: WESTMORE ELEMENTARY SCHOOL
Address: 340 SCHOOL ST
City,State,Zip: LOMBARD, IL 60148
Site Id: 170000073284
Inv Num: 0430605116
Interest Name: Villa Park School District 45
Interest Type: BOL
Media Code: LAND
Latitude: 41.881200
Longitude: -87.994820

Name: WESTMORE ELEMENTARY SCHOOL
Address: 340 SCHOOL ST
City,State,Zip: LOMBARD, IL 60148
Site Id: 170000073284
Inv Num: 0430605116
Interest Name: Villa Park School District 45
Interest Type: LUST
Media Code: LAND
Latitude: 41.881200
Longitude: -87.994820

Name: WESTMORE ELEMENTARY SCHOOL
Address: 340 SCHOOL ST
City,State,Zip: LOMBARD, IL 60148

WESTMORE ELEMENTARY SCHOOL (Continued) **1008118156**

Site Id: 170000073284
Inv Num: 0430605116
Interest Name: Villa Park School District 45
Interest Type: SOLID WASTE
Media Code: LAND
Latitude: 41.881200
Longitude: -87.994820

B7
NNW
1/4-1/2
0.445 mi.
2350 ft.

WESTMORE SUPPLY CO.
250 SOUTH WESTMORE AVE.
LOMBARD, IL 60148

LUST **1001652339**
N/A

Site 1 of 2 in cluster B

Relative:
Higher

Actual:
710 ft.

LUST:

Name:	WESTMORE SUPPLY CO.
Address:	250 SOUTH WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Incident Num:	20000312
IL EPA Id:	430605212
Product:	Diesel
IEMA Date:	2000-02-24
Project Manager:	Rossi
Project Manager Phone:	(217) 782-9285
Email:	Jenny.Rossi@illinois.gov
PRP Name:	Westmore Supply Co.
PRP Contact:	John Bielenda Sr.
PRP Address:	250 South Westmore Ave.
PRP City,St,Zip:	Lombard, IL 60148
PRP Phone:	6306270278
Site Classification:	HIGH
Section 57.5(g) Letter:	732
Date Section 57.5(g) Letter:	Not reported
Non LUST Determination Letter:	Not reported
20 Report Received:	2000-03-16
45 Report Received:	2000-04-27
No Further Remediation Letter:	**2001-09-25**
No Further Remediation Date Recorded:	2001-11-05
Heating Oil Date:	Not reported
Non-Lust LR Date:	Not reported

B8
NNW
1/4-1/2
0.445 mi.
2350 ft.

WESTMORE SUPPLY COMPANY
250 SOUTH WESTMORE AVENUE
LOMBARD, IL 60148

LUST **S110157295**
SPILLS **N/A**
TIER 2

Site 2 of 2 in cluster B

Relative:
Higher

Actual:
710 ft.

LUST:

Name:	WESTMORE SUPPLY COMPANY
Address:	250 SOUTH WESTMORE AVENUE
City,State,Zip:	LOMBARD, IL 60148
Incident Num:	20180074
IL EPA Id:	430605212
Product:	Used Oil, Other Petroleum
IEMA Date:	2018-01-19
Project Manager:	Rossi

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

Project Manager Phone:	(217) 782-9285
Email:	Jenny.Rossi@illinois.gov
PRP Name:	Westmore Supply Company
PRP Contact:	John Bielinda
PRP Address:	250 South Westmore Avenue
PRP City,St,Zip:	Lombard, IL 60148
PRP Phone:	(630) 627-0278
Site Classification:	Not reported
Section 57.5(g) Letter:	734
Date Section 57.5(g) Letter:	Not reported
Non LUST Determination Letter:	Not reported
20 Report Received:	2018-01-26
45 Report Received:	2018-03-05
No Further Remediation Letter:	**2018-05-08**
No Further Remediation Date Recorded:	2018-06-20
Heating Oil Date:	Not reported
Non-Lust LR Date:	Not reported

SPILLS:

Name:	Not reported
City,State,Zip:	LOMBARD, IL
Incident ID:	20180074
Incident Date:	01/19/2018
Date Received:	Not reported
Lust Ind:	Yes
Facility Address:	250 S. WESTMORE AVE
Facility City:	LOMBARD
PRP Name:	Westmore Supply Company
AC:	Not reported
Source Table:	dbo_tbl_CONSTRUCTION101

IEMA SPILLS:

Name:	Not reported
Address:	250 S. WESTMORE AVE
City,State,Zip:	LOMBARD, IL
Incident Number:	H-2018-0074
Incident Report Date:	01/19/2018
Street Address Of Incident Location:	250 S. Westmore Ave
Incident Location City:	Lombard
Incident Location County:	DuPage
Entered By:	Kattner, Paul (IEMA)
Date Entered:	Not reported
Data Input Status:	Closed
Leaking Underground Storage Tank (Lust)?:	Yes
Caller:	Tom Jamrok
Caller Represents:	RPS
Hazmat Incident Type:	Leak or spill
Date/Time Occurred:	Not reported
Mile Post:	N/A
Section:	N/A
Township:	N/A
Range:	N/A
Area Involved:	Fixed Facility
Media/Medium Into Which Release Occurred:	Ground
Temp:	29-30 Degrees
Wind:	SSW < 5 MPH

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

Material Name:	Used Motor Oil and Heating Oil
Type:	Liquid
Chris Code:	Unknown
CAS#:	Unknown
UN/NA #:	Unknown
302(A) Extremely Hazardous Substance?:	No
Is This A RCRA Hazardous Waste?:	No
Is This A RCRA Regulated Facility?:	No
Container Type:	Under ground storage tank
Container Size:	1 X 275 Gallons (Used motor oil) & 1 X 1,000 Gallons (Heating Oil)
Amount Released:	Unknown
Rate Of Release/Min:	Unknown
Duration Of Release:	Unknown
Cause Of Release:	Suspected spills and overfills
Estimated Spill Extent:	20
Spill Extent Units:	Cubic yards
Date/Time Incident Occurred:	Not reported
Check If Unknown (Occurrence):	v
Date/Time Discovered:	2018-01-19 10:30
Check If Unknown (Discovered):	Not reported
Where Taken:	N/A
On Scene Contact:	Tom Jamrok
Public Health Risks/Precautions Taken:	None
Number Of People Evacuated:	0
Assistance Needed From State Agencies:	None
Containment/Cleanup Actions And Plans:	Tanks have been removed and soil will be remediated.....RW Collins (Contractor) will coordinate cleanup and remediation.
Responsible Name:	Westmore Supply Company
Facility Manager:	John Bielinda
Facility Manager Phone #:	630/627-0278
Street1:	250 S. Westmore Ave
Contacted ESDA?:	Not reported
ESDA On Scene?:	Not reported
Specific ESDA Agency Contacted:	E-mailed
Contacted Fire Department?:	Not reported
Fire Department On Scene?:	Not reported
Name Of Fire Department Contacted:	E-mailed
Contacted Police Department?:	Not reported
Police Department On Scene?:	Not reported
Name Of Police Department Contacted:	E-mailed
Sheriff Police Department?:	Not reported
Sheriff Department On Scene?:	Not reported
Name Of Sheriff Department Contacted:	E-mailed
Was An Agency Other Than ESDA:	Not reported
Fire Police Or Sheriff Contacted?:	E-mailed
Was This Other Agency On Scene?:	Not reported
Name Of Other Agency Contacted:	E-mailed
Agency Notified Name:	IEPA, OSFM, NRTP, & IEMA Region #4
Date/Time Agency Notified:	2018-01-19 12:05
Narrative:	Not reported
Follow Up:	Not reported

TIER 2:

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2021

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

Corporate Name:	Westmore Supply Co.
Latitude:	41.8813
Longitude:	-87.9935
Facility Fax:	6306750778
Fire Dept:	Lombard Fire Department
LEPC:	DuPage
Owner:	John Bielenda
Owner Phone:	6306270278
Owner Street:	250 S. Westmore Ave.
Owner City/State/ZipCode:	Lombard, IL 60148
Mailing Name:	Westmore Supply Co.
Mailing Street:	250 S. Westmore Ave.
Mailing City/State/ZipCode:	Lombard, IL 60148
Chemical Name:	DIESEL FUEL
CAS Number:	68476302
Chemical EHS:	No
Chemical Contents:	Pure, Liquid,
Chemical Health Hazards:	Fire, Delayed,
Chemical Max Daily Amount(pounds):	75,000-99,999
Chemical Avg Daily Amount(pounds):	50,000-74,999
Max Daily Range:	Not reported

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2021
Corporate Name:	Westmore Supply Co.
Latitude:	41.8813
Longitude:	-87.9935
Facility Fax:	6306750778
Fire Dept:	Lombard Fire Department
LEPC:	DuPage
Owner:	John Bielenda
Owner Phone:	6306270278
Owner Street:	250 S. Westmore Ave.
Owner City/State/ZipCode:	Lombard, IL 60148
Mailing Name:	Westmore Supply Co.
Mailing Street:	250 S. Westmore Ave.
Mailing City/State/ZipCode:	Lombard, IL 60148
Chemical Name:	DIESEL FUEL
CAS Number:	68476302
Chemical EHS:	No
Chemical Contents:	Pure, Liquid,
Chemical Health Hazards:	Fire, Delayed,
Chemical Max Daily Amount(pounds):	75,000-99,999
Chemical Avg Daily Amount(pounds):	50,000-74,999
Max Daily Range:	Not reported

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2021
Corporate Name:	Westmore Supply Co.
Latitude:	41.8813
Longitude:	-87.9935
Facility Fax:	6306750778
Fire Dept:	Lombard Fire Department

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

LEPC:	DuPage
Owner:	John Bielenda
Owner Phone:	6306270278
Owner Street:	250 S. Westmore Ave.
Owner City/State/ZipCode:	Lombard, IL 60148
Mailing Name:	Westmore Supply Co.
Mailing Street:	250 S. Westmore Ave.
Mailing City/State/ZipCode:	Lombard, IL 60148
Chemical Name:	AG2DF
CAS Number:	N/A
Chemical EHS:	No
Chemical Contents:	Pure, Liquid,
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	75,000-99,999
Chemical Avg Daily Amount(pounds):	25,000-49,999
Max Daily Range:	Not reported

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2021
Corporate Name:	Westmore Supply Co.
Latitude:	41.8813
Longitude:	-87.9935
Facility Fax:	6306750778
Fire Dept:	Lombard Fire Department
LEPC:	DuPage
Owner:	John Bielenda
Owner Phone:	6306270278
Owner Street:	250 S. Westmore Ave.
Owner City/State/ZipCode:	Lombard, IL 60148
Mailing Name:	Westmore Supply Co.
Mailing Street:	250 S. Westmore Ave.
Mailing City/State/ZipCode:	Lombard, IL 60148
Chemical Name:	AG2DF
CAS Number:	N/A
Chemical EHS:	No
Chemical Contents:	Pure, Liquid,
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	75,000-99,999
Chemical Avg Daily Amount(pounds):	25,000-49,999
Max Daily Range:	Not reported

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2020
Corporate Name:	Westmore Supply Co.
Latitude:	41.8813
Longitude:	-87.9935
Facility Fax:	6306750778
Fire Dept:	Lombard Fire Department
LEPC:	DuPage
Owner:	John Bielenda
Owner Phone:	6306270278
Owner Street:	250 S. Westmore Ave.
Owner City/State/ZipCode:	Lombard, IL 60148

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

Mailing Name:	Westmore Supply Co.
Mailing Street:	250 S. Westmore Ave.
Mailing City/State/ZipCode:	Lombard, IL 60148
Chemical Name:	AG2DF
CAS Number:	N/A
Chemical EHS:	No
Chemical Contents:	Pure, Liquid,
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	75,000-99,999
Chemical Avg Daily Amount(pounds):	25,000-49,999
Max Daily Range:	Not reported
Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2020
Corporate Name:	Westmore Supply Co.
Latitude:	41.8813
Longitude:	-87.9935
Facility Fax:	6306750778
Fire Dept:	Lombard Fire Department
LEPC:	DuPage
Owner:	John Bielenda
Owner Phone:	6306270278
Owner Street:	250 S. Westmore Ave.
Owner City/State/ZipCode:	Lombard, IL 60148
Mailing Name:	Westmore Supply Co.
Mailing Street:	250 S. Westmore Ave.
Mailing City/State/ZipCode:	Lombard, IL 60148
Chemical Name:	DIESEL FUEL
CAS Number:	68476302
Chemical EHS:	No
Chemical Contents:	Pure, Liquid,
Chemical Health Hazards:	Fire, Delayed,
Chemical Max Daily Amount(pounds):	75,000-99,999
Chemical Avg Daily Amount(pounds):	50,000-74,999
Max Daily Range:	Not reported
Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2019
Corporate Name:	Westmore Supply Co.
Latitude:	41.8813
Longitude:	-87.9935
Facility Fax:	6306750778
Fire Dept:	Lombard Fire Department
LEPC:	DuPage
Owner:	John Bielenda
Owner Phone:	6306270278
Owner Street:	250 S. Westmore Ave.
Owner City/State/ZipCode:	Lombard, IL 60148
Mailing Name:	Westmore Supply Co.
Mailing Street:	250 S. Westmore Ave.
Mailing City/State/ZipCode:	Lombard, IL 60148
Chemical Name:	AG2DF
CAS Number:	N/A

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

Chemical EHS:	No
Chemical Contents:	Pure, Liquid,
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	75,000 99,999
Chemical Avg Daily Amount(pounds):	25,000-49,999
Max Daily Range:	Not reported
Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2019
Corporate Name:	Westmore Supply Co.
Latitude:	41.8813
Longitude:	-87.9935
Facility Fax:	6306750778
Fire Dept:	Lombard Fire Department
LEPC:	DuPage
Owner:	John Bielenda
Owner Phone:	6306270278
Owner Street:	250 S. Westmore Ave.
Owner City/State/ZipCode:	Lombard, IL 60148
Mailing Name:	Westmore Supply Co.
Mailing Street:	250 S. Westmore Ave.
Mailing City/State/ZipCode:	Lombard, IL 60148
Chemical Name:	DIESEL FUEL
CAS Number:	68476302
Chemical EHS:	No
Chemical Contents:	Pure, Liquid,
Chemical Health Hazards:	Fire, Delayed,
Chemical Max Daily Amount(pounds):	75,000-99,999
Chemical Avg Daily Amount(pounds):	50,000-74,999
Max Daily Range:	Not reported
Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2018
Corporate Name:	Westmore Supply Co.
Latitude:	41.8813
Longitude:	-87.9935
Facility Fax:	6306750778
Fire Dept:	Lombard Fire Department
LEPC:	DuPage
Owner:	John Bielenda
Owner Phone:	6306270278
Owner Street:	250 S. Westmore Ave.
Owner City/State/ZipCode:	Lombard, IL 60148
Mailing Name:	Westmore Supply Co.
Mailing Street:	250 S. Westmore Ave.
Mailing City/State/ZipCode:	Lombard, IL 60148
Chemical Name:	AG2DF
CAS Number:	N/A
Chemical EHS:	No
Chemical Contents:	Pure, Liquid,
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	75,000-99,999
Chemical Avg Daily Amount(pounds):	25,000-49,999

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

Max Daily Range:	Not reported
Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2018
Corporate Name:	Westmore Supply Co.
Latitude:	41.8813
Longitude:	-87.9935
Facility Fax:	6306750778
Fire Dept:	Lombard Fire Department
LEPC:	DuPage
Owner:	John Bielenda
Owner Phone:	6306270278
Owner Street:	250 S. Westmore Ave.
Owner City/State/ZipCode:	Lombard, IL 60148
Mailing Name:	Westmore Supply Co.
Mailing Street:	250 S. Westmore Ave.
Mailing City/State/ZipCode:	Lombard, IL 60148
Chemical Name:	DIESEL FUEL
CAS Number:	68476302
Chemical EHS:	No
Chemical Contents:	Pure, Liquid,
Chemical Health Hazards:	Fire, Delayed,
Chemical Max Daily Amount(pounds):	75,000-99,999
Chemical Avg Daily Amount(pounds):	50,000-74,999
Max Daily Range:	Not reported
Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2017
Corporate Name:	Westmore Supply Co.
Latitude:	41.8813
Longitude:	-87.9935
Facility Fax:	6306750778
Fire Dept:	Lombard Fire Department
LEPC:	DuPage
Owner:	John Bielenda
Owner Phone:	6306270278
Owner Street:	250 S. Westmore Ave.
Owner City/State/ZipCode:	Lombard, IL 60148
Mailing Name:	Westmore Supply Co.
Mailing Street:	250 S. Westmore Ave.
Mailing City/State/ZipCode:	Lombard, IL 60148
Chemical Name:	DIESEL FUEL
CAS Number:	68476302
Chemical EHS:	No
Chemical Contents:	Pure, Liquid,
Chemical Health Hazards:	Fire, Delayed,
Chemical Max Daily Amount(pounds):	75,000-99,999
Chemical Avg Daily Amount(pounds):	50,000-74,999
Max Daily Range:	Not reported
Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

Year:	2017
Corporate Name:	Westmore Supply Co.
Latitude:	41.8813
Longitude:	-87.9935
Facility Fax:	6306750778
Fire Dept:	Lombard Fire Department
LEPC:	DuPage
Owner:	John Bielenda
Owner Phone:	6306270278
Owner Street:	250 S. Westmore Ave.
Owner City/State/ZipCode:	Lombard, IL 60148
Mailing Name:	Westmore Supply Co.
Mailing Street:	250 S. Westmore Ave.
Mailing City/State/ZipCode:	Lombard, IL 60148
Chemical Name:	AG2DF
CAS Number:	N/A
Chemical EHS:	No
Chemical Contents:	Pure, Liquid,
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	75,000-99,999
Chemical Avg Daily Amount(pounds):	25,000-49,999
Max Daily Range:	Not reported

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2016
Corporate Name:	Westmore Supply Co.
Latitude:	41.8813
Longitude:	-87.9935
Facility Fax:	6306750778
Fire Dept:	Lombard Fire Department
LEPC:	DuPage
Owner:	John Bielenda
Owner Phone:	6306270278
Owner Street:	250 S. Westmore Ave.
Owner City/State/ZipCode:	Lombard, IL 60148
Mailing Name:	Westmore Supply Co.
Mailing Street:	250 S. Westmore Ave.
Mailing City/State/ZipCode:	Lombard, IL 60148
Chemical Name:	DIESEL FUEL
CAS Number:	68476302
Chemical EHS:	No
Chemical Contents:	Pure, Liquid,
Chemical Health Hazards:	Fire, Delayed,
Chemical Max Daily Amount(pounds):	75,000-99,999
Chemical Avg Daily Amount(pounds):	50,000-74,999
Max Daily Range:	Not reported

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2015
Corporate Name:	Westmore Supply Co.
Latitude:	41.8813
Longitude:	-87.9935
Facility Fax:	6306750778

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

Fire Dept:	Lombard Fire Department
LEPC:	DuPage
Owner:	John Bielenda
Owner Phone:	6306270278
Owner Street:	250 S. Westmore Ave.
Owner City/State/ZipCode:	Lombard, IL 60148
Mailing Name:	Westmore Supply Co.
Mailing Street:	250 S. Westmore Ave.
Mailing City/State/ZipCode:	Lombard, IL 60148
Chemical Name:	DIESEL FUEL
CAS Number:	68476302
Chemical EHS:	No
Chemical Contents:	Pure, Liquid,
Chemical Health Hazards:	Fire, Delayed,
Chemical Max Daily Amount(pounds):	75,000-99,999
Chemical Avg Daily Amount(pounds):	50,000-74,999
Max Daily Range:	Not reported

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2014
Corporate Name:	Westmore Supply Co.
Latitude:	41.8813
Longitude:	-87.9935
Fire Dept:	Not reported
LEPC:	DuPage
Owner:	John Bielenda
Owner Phone:	6306270278
Owner Street:	250 S. Westmore Ave.
Owner City/State/ZipCode:	Lombard, IL 60148
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	DIESEL FUEL
CAS Number:	68476302
Chemical EHS:	No
Chemical Contents:	Pure
Chemical Health Hazards:	Liquid
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Fire
Max Daily Range:	Not reported

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2013
Corporate Name:	Westmore Supply Co.
Latitude:	Not reported
Longitude:	Not reported
Fire Dept:	Lombard Fire Department
LEPC:	DuPage
Owner:	John Bielenda
Owner Phone:	6306270278
Owner Street:	250 S. Westmore Ave.
Owner City/State/ZipCode:	Lombard, IL 60148
Mailing Name:	Not reported

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	Mineral Spirits - Stoddard Solvent
CAS Number:	8052-41-3
Chemical EHS:	No
Chemical Contents:	Pure, Liquid,
Chemical Health Hazards:	Fire, Delayed,
Chemical Max Daily Amount(pounds):	100,000-999,999
Chemical Avg Daily Amount(pounds):	10,000-99,999
Max Daily Range:	Not reported

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2013
Corporate Name:	Westmore Supply Co.
Latitude:	Not reported
Longitude:	Not reported
Fire Dept:	Lombard Fire Department
LEPC:	DuPage
Owner:	John Bielenda
Owner Phone:	6306270278
Owner Street:	250 S. Westmore Ave.
Owner City/State/ZipCode:	Lombard, IL 60148
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	Motor Oil
CAS Number:	64742-65-0
Chemical EHS:	No
Chemical Contents:	Pure, Liquid,
Chemical Health Hazards:	Fire, Delayed,
Chemical Max Daily Amount(pounds):	10,000,000-49,999,999
Chemical Avg Daily Amount(pounds):	1,000,000-9,999,999
Max Daily Range:	Not reported

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2013
Corporate Name:	Westmore Supply Co.
Latitude:	Not reported
Longitude:	Not reported
Fire Dept:	Lombard Fire Department
LEPC:	DuPage
Owner:	John Bielenda
Owner Phone:	6306270278
Owner Street:	250 S. Westmore Ave.
Owner City/State/ZipCode:	Lombard, IL 60148
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	DIESEL FUEL
CAS Number:	68476-30-2
Chemical EHS:	No
Chemical Contents:	Pure, Liquid,
Chemical Health Hazards:	Fire, Delayed,

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

Chemical Max Daily Amount(pounds):	500,000,000-999,999,999
Chemical Avg Daily Amount(pounds):	100,000,000-499,999,999
Max Daily Range:	Not reported
Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2012
Corporate Name:	Westmore Supply Co.
Latitude:	Not reported
Longitude:	Not reported
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	KEROSENE
CAS Number:	8008-20-6
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	Not reported
Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2012
Corporate Name:	Westmore Supply Co.
Latitude:	Not reported
Longitude:	Not reported
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	Mineral Spirits - Stoddard Solvent
CAS Number:	8052-41-3
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	Not reported
Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

Year:	2012
Corporate Name:	Westmore Supply Co.
Latitude:	Not reported
Longitude:	Not reported
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	DIESEL FUEL
CAS Number:	68476-30-2
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	Not reported

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2012
Corporate Name:	Westmore Supply Co.
Latitude:	Not reported
Longitude:	Not reported
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	Motor Oil
CAS Number:	64742-65-0
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	Not reported

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2012
Corporate Name:	Westmore Supply Co.
Latitude:	Not reported
Longitude:	Not reported
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	MOTOR OIL
CAS Number:	64742-65-0
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	Not reported

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2012
Corporate Name:	Westmore Supply Co.
Latitude:	Not reported
Longitude:	Not reported
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	KEROSENE
CAS Number:	8008-20-6
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	Not reported

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2012
Corporate Name:	Westmore Supply Co.
Latitude:	Not reported
Longitude:	Not reported
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	DIESEL (HIGH & LOW SULFUR)

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

CAS Number:	68476-30-2
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	Not reported
Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2011
Corporate Name:	Westmore Supply Co.
Latitude:	Not reported
Longitude:	Not reported
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	DIESEL FUEL
CAS Number:	68476-30-2
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	Not reported
Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2011
Corporate Name:	Westmore Supply Co.
Latitude:	Not reported
Longitude:	Not reported
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	KEROSENE
CAS Number:	8008-20-6
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	Not reported

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2011
Corporate Name:	Westmore Supply Co.
Latitude:	Not reported
Longitude:	Not reported
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	KEROSENE
CAS Number:	8008-20-6
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	Not reported

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2011
Corporate Name:	Westmore Supply Co.
Latitude:	Not reported
Longitude:	Not reported
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	DIESEL (HIGH & LOW SULFUR)
CAS Number:	68476-30-2
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	Not reported

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2011
Corporate Name:	Westmore Supply Co.
Latitude:	Not reported
Longitude:	Not reported

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	Mineral Spirits - Stoddard Solvent
CAS Number:	8052-41-3
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	Not reported

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2011
Corporate Name:	Westmore Supply Co.
Latitude:	Not reported
Longitude:	Not reported
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	MOTOR OIL
CAS Number:	64742-65-0
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	Not reported

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2011
Corporate Name:	Westmore Supply Co.
Latitude:	Not reported
Longitude:	Not reported
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	Motor Oil
CAS Number:	64742-65-0
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	Not reported
Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2010
Corporate Name:	Westmore Supply Co.
Latitude:	41.881349999999898
Longitude:	-87.9935499999999
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	Motor Oil
CAS Number:	Not reported
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	10,000-99,9999
Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2010
Corporate Name:	Westmore Supply Co.
Latitude:	41.881349999999898
Longitude:	-87.9935499999999
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	DIESEL FUEL
CAS Number:	Not reported
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	100,000-999,999
Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2010
Corporate Name:	Westmore Supply Co.
Latitude:	41.881349999999898
Longitude:	-87.9935499999999
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	Mineral Spirits - Stoddard Solvent
CAS Number:	Not reported
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	1,000-9,9999
Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2009
Corporate Name:	Westmore Supply Co.
Latitude:	41.881349999999898
Longitude:	-87.9935499999999
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	Motor Oil
CAS Number:	Not reported
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	10,000 - 99,999
Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

Year:	2009
Corporate Name:	Westmore Supply Co.
Latitude:	41.881349999999898
Longitude:	-87.9935499999999
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	DIESEL FUEL
CAS Number:	Not reported
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	100,000 - 999,999

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2009
Corporate Name:	Westmore Supply Co.
Latitude:	41.881349999999898
Longitude:	-87.9935499999999
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	Mineral Spirits - Stoddard Solvent
CAS Number:	Not reported
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	1,000 - 9,999

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2008
Corporate Name:	Westmore Supply Co.
Latitude:	41.881349999999898
Longitude:	-87.9935499999999
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	KEROSENE
CAS Number:	Not reported
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	10,000 - 99,999

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2008
Corporate Name:	Westmore Supply Co.
Latitude:	41.881349999999898
Longitude:	-87.9935499999999
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	Mineral Spirits - Stoddard Solvent
CAS Number:	Not reported
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	1,000 - 9,999

Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2008
Corporate Name:	Westmore Supply Co.
Latitude:	41.881349999999898
Longitude:	-87.9935499999999
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	Motor Oil

WESTMORE SUPPLY COMPANY (Continued) **S110157295**

CAS Number:	Not reported
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	10,000 - 99,999
Name:	WESTMORE SUPPLY CO.
Address:	250 S. WESTMORE AVE.
City,State,Zip:	LOMBARD, IL 60148
Year:	2008
Corporate Name:	Westmore Supply Co.
Latitude:	41.881349999999898
Longitude:	-87.9935499999999
Fire Dept:	Not reported
LEPC:	Not reported
Owner:	Not reported
Owner Phone:	Not reported
Owner Street:	Not reported
Owner City/State/ZipCode:	Not reported
Mailing Name:	Not reported
Mailing Street:	Not reported
Mailing City/State/ZipCode:	Not reported
Chemical Name:	DIESEL FUEL
CAS Number:	Not reported
Chemical EHS:	Not reported
Chemical Contents:	Not reported
Chemical Health Hazards:	Not reported
Chemical Max Daily Amount(pounds):	Not reported
Chemical Avg Daily Amount(pounds):	Not reported
Max Daily Range:	100,000 - 999,999

9
NNW
1/4-1/2
0.498 mi.
2627 ft.

BARG, DON **LUST** **S105428688**
200 SOUTH WESTMORE AVENUE **N/A**
LOMBARD, IL 60148

Relative:
Higher

Actual:
710 ft.

LUST:

Name:	BARG, DON
Address:	200 SOUTH WESTMORE AVENUE
City,State,Zip:	LOMBARD, IL 60148
Incident Num:	20012082
IL EPA Id:	430605226
Product:	Fuel Oil
IEMA Date:	2001-12-26
Project Manager:	Jones
Project Manager Phone:	Not reported
Email:	Not reported
PRP Name:	Don Barg
PRP Contact:	Not reported
PRP Address:	21 North Broadview
PRP City,St,Zip:	Lombard, IL 60148
PRP Phone:	6306204615
Site Classification:	Not reported
Section 57.5(g) Letter:	732
Date Section 57.5(g) Letter:	2002-03-04

BARG, DON (Continued) **S105428688**

Non LUST Determination Letter: Not reported
20 Report Received: Not reported
45 Report Received: Not reported
No Further Remediation Letter: Not reported
No Further Remediation Date Recorded: Not reported
Heating Oil Date: 3/4/2002
Non-Lust LR Date: Not reported

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOMBARD	S105428834	MAZUR, GARY & JAMES	10-14 LILAC LANE	60148	LUST
VILLA PARK	S118562359	SPARAGNA, PHIL	17 - 19 EAST PARK BOULEVARD	60181	LUST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 25

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2023
Next Scheduled EDR Contact: 04/10/2023
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2023
Next Scheduled EDR Contact: 04/10/2023
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2023
Next Scheduled EDR Contact: 04/10/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/20/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/21/2022
Next Scheduled EDR Contact: 04/10/2023
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/01/2023
Next Scheduled EDR Contact: 04/24/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates 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 the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The 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 potential NPL site.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/01/2023
Next Scheduled EDR Contact: 04/24/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/02/2022
Date Data Arrived at EDR: 11/08/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 63

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/03/2023
Next Scheduled EDR Contact: 05/22/2023
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 11/16/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/21/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 11/16/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/21/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/12/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 12/19/2022
Number of Days to Update: 5

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SSU: State Sites Unit Listing
The State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit.

Date of Government Version: 03/23/2022
Date Data Arrived at EDR: 03/23/2022
Date Made Active in Reports: 06/17/2022
Number of Days to Update: 86

Source: Illinois Environmental Protection Agency
Telephone: 217-524-4826
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to State Surcharge
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 10/19/2022
Date Made Active in Reports: 01/05/2023
Number of Days to Update: 78

Source: Illinois Environmental Protection Agency
Telephone: 217-785-8604
Last EDR Contact: 01/20/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Annually

CCDD: Clean Construction or Demolition Debris
Construction and demolition (C and D) debris is nonhazardous, uncontaminated material resulting from construction, remodeling, repair, or demolition of utilities, structures, and roads.

Date of Government Version: 09/11/2020
Date Data Arrived at EDR: 10/28/2020
Date Made Active in Reports: 12/09/2020
Number of Days to Update: 42

Source: Illinois EPA
Telephone: 217-524-3300
Last EDR Contact: 01/06/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Varies

LF WMRC: Waste Management & Research Center Landfill Database
The Waste Management & Research Center Landfill Database includes records from the Department of Public Health, Department of Mines & Minerals, Illinois Environmental Protection Agency, State Geological Survey, Northeastern Illinois Planning Commission and Pollution Control Board.

Date of Government Version: 12/31/2001
Date Data Arrived at EDR: 10/06/2006
Date Made Active in Reports: 11/06/2006
Number of Days to Update: 31

Source: Department of Natural Resources
Telephone: 217-333-8940
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: No Update Planned

LF SPECIAL WASTE: Special Waste Site List

These landfills, as of January 1, 1990, accept non-hazardous special waste pursuant to the Illinois EPA Non-Hazardous Special Waste Definition. List A includes landfills that may receive any non-hazardous waste, Non-Regional Pollution Control Facilities are so noted. List B includes landfills designed to receive specific non-hazardous wastes. List B landfills are designated as a Regional Pollution Control Facility by RPCF, or Non-Regional Pollution Control Facility by Non-RPCF.

Date of Government Version: 01/01/1990
Date Data Arrived at EDR: 06/17/2009
Date Made Active in Reports: 07/15/2009
Number of Days to Update: 28

Source: Illinois EPA
Telephone: 217-782-9288
Last EDR Contact: 06/10/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IL NIPC: Solid Waste Landfill Inventory

Solid Waste Landfill Inventory. NIPC is an inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data. Included are numerous sites which previously had never been identified largely because there was no obligation to register such sites prior to 1971.

Date of Government Version: 08/01/1988
Date Data Arrived at EDR: 04/07/2022
Date Made Active in Reports: 07/01/2022
Number of Days to Update: 85

Source: Northeastern Illinois Planning Commission
Telephone: 312-454-0400
Last EDR Contact: 04/07/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: No Update Planned

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 10/17/2022
Date Data Arrived at EDR: 10/18/2022
Date Made Active in Reports: 01/06/2023
Number of Days to Update: 80

Source: Illinois Environmental Protection Agency
Telephone: 217-524-3300
Last EDR Contact: 01/18/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/19/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/26/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

LUST TRUST: Underground Storage Tank Fund Payment Priority List
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.

Date of Government Version: 06/06/2016
Date Data Arrived at EDR: 07/27/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 83

Source: Illinois EPA
Telephone: 217-782-6762
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 12/28/2022
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Varies

UST: Underground Storage Tank Facility List
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 10/17/2022
Date Data Arrived at EDR: 10/18/2022
Date Made Active in Reports: 01/05/2023
Number of Days to Update: 79

Source: Illinois State Fire Marshal
Telephone: 217-785-0969
Last EDR Contact: 01/18/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Quarterly

AST: Above Ground Storage Tanks
Listing of all aboveground tanks inspected by Office of State Fire Marshal.

Date of Government Version: 10/04/2022
Date Data Arrived at EDR: 11/14/2022
Date Made Active in Reports: 01/31/2023
Number of Days to Update: 78

Source: State Fire Marshal
Telephone: 217-785-1011
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/19/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Sites with Engineering Controls
Sites using of engineered barriers (e.g., asphalt or concrete paving).

Date of Government Version: 12/21/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85

Source: Illinois Environmental Protection Agency
Telephone: 217-782-6761
Last EDR Contact: 12/21/2022
Next Scheduled EDR Contact: 04/10/2023
Data Release Frequency: Quarterly

Inst Control: Institutional Controls
Legal or administrative restrictions on land use and/or other activities (e.g., groundwater use restrictions) which effectively limit exposure to contamination may be employed as alternatives to removal or treatment of contamination.

Date of Government Version: 12/21/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85

Source: Illinois Environmental Protection Agency
Telephone: 217-782-6761
Last EDR Contact: 12/21/2022
Next Scheduled EDR Contact: 04/10/2023
Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

SRP: Site Remediation Program Database
The 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).

Date of Government Version: 12/21/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85

Source: Illinois Environmental Protection Agency
Telephone: 217-785-9407
Last EDR Contact: 12/21/2022
Next Scheduled EDR Contact: 04/10/2023
Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/17/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Municipal Brownfields Redevelopment Grant Program Project Descriptions
The Illinois Municipal Brownfields Redevelopment Grant Program (MBRGP) offers grants worth a maximum of $240,000 each to municipalities to assist in site investigation activities, development of cleanup objectives, and performance of cleanup activities. Brownfields are abandoned or underused industrial and/or commercial properties that are contaminated (or thought to be contaminated) and have an active potential for redevelopment.

Date of Government Version: 02/11/2010
Date Data Arrived at EDR: 07/31/2014
Date Made Active in Reports: 09/08/2014
Number of Days to Update: 39

Source: Illinois Environmental Protection Agency
Telephone: 217-785-3486
Last EDR Contact: 01/20/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

BROWNFIELDS: Redevelopment Assessment Database
The Office of Site Evaluations Redevelopment Assessment database identifies the status of all properties within the State in which the Illinois EPA's Office of Site Evaluation has conducted a municipal Brownfield Redevelopment Assessment.

Date of Government Version: 10/17/2022
Date Data Arrived at EDR: 10/18/2022
Date Made Active in Reports: 01/05/2023
Number of Days to Update: 79

Source: Illinois Environmental Protection Agency
Telephone: 217-524-1658
Last EDR Contact: 01/18/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
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 takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 0

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/14/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/20/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/13/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/27/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 01/06/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 8

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/02/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: No Update Planned

CDL: Meth Drug Lab Site Listing
A listing of clandestine/meth drug lab locations.

Date of Government Version: 09/28/2022
Date Data Arrived at EDR: 09/28/2022
Date Made Active in Reports: 12/14/2022
Number of Days to Update: 77

Source: Department of Public Health
Telephone: 217-782-5750
Last EDR Contact: 12/28/2022
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site 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. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 01/06/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 8

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/02/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 03/01/2023
Next Scheduled EDR Contact: 04/10/2023
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/13/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 86

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

IEMA SPILLS: Illinois Emergency Management Agency Spills
A listing of hazardous materials incidents reported to the Illinois Emergency Management Agency.

Date of Government Version: 10/24/2022
Date Data Arrived at EDR: 10/24/2022
Date Made Active in Reports: 01/06/2023
Number of Days to Update: 74

Source: Illinois Emergency Management Agency
Telephone: 217-524-0770
Last EDR Contact: 01/24/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Quarterly

SPILLS: State spills
A listing of incidents reported to the Office of Emergency Response.

Date of Government Version: 01/05/2023
Date Data Arrived at EDR: 01/10/2023
Date Made Active in Reports: 03/23/2023
Number of Days to Update: 72

Source: Illinois EPA
Telephone: 217-782-3637
Last EDR Contact: 12/28/2022
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Semi-Annually

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 07/18/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/15/2013
Number of Days to Update: 71

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo 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. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 11/01/2022
Date Data Arrived at EDR: 11/10/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 91

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/14/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/13/2023
Next Scheduled EDR Contact: 04/24/2023
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/03/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/02/2023
Next Scheduled EDR Contact: 05/22/2023
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/13/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 01/30/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/03/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/13/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 100

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/16/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/17/2022
Date Data Arrived at EDR: 10/18/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 84

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/18/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/01/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/04/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 14

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 03/01/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 64

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/04/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/28/2022
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/26/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 12/05/2022
Number of Days to Update: 13

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 03/03/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 02/27/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/03/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 03/23/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/24/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2022
Date Data Arrived at EDR: 10/21/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 81

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/06/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program
DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/30/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites
Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/13/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 03/01/2023
Next Scheduled EDR Contact: 04/10/2023
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 11/17/2022
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 85

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/22/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 11/29/2022
Date Data Arrived at EDR: 11/30/2022
Date Made Active in Reports: 12/22/2022
Number of Days to Update: 22

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 02/23/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing
Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines
An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/20/2022
Date Data Arrived at EDR: 12/20/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 80

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/16/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/03/2022
Date Data Arrived at EDR: 08/25/2022
Date Made Active in Reports: 10/24/2022
Number of Days to Update: 60

Source: EPA
Telephone: (312) 353-2000
Last EDR Contact: 02/28/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/25/2022
Date Data Arrived at EDR: 09/30/2022
Date Made Active in Reports: 12/22/2022
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/04/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 10/20/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/09/2023
Next Scheduled EDR Contact: 04/24/2023
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/10/2022
Date Data Arrived at EDR: 11/10/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 91

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/14/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 07/08/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 123

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 01/10/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/05/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/05/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/05/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 01/23/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/05/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits.

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/05/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/05/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 08/22/2018
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/05/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 08/22/2018
Date Data Arrived at EDR: 10/26/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/05/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/05/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Varies

PFAS: PFAS Sampling Listing

The Illinois Environmental Protection Agency (Illinois EPA) has conducted statewide investigations into the prevalence and occurrence of Per- and Polyfluoroalkyl Substances (PFAS) contamination.

Date of Government Version: 03/23/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 06/29/2022
Number of Days to Update: 90

Source: Illinois Environmental Protection Agency
Telephone: 217-524-3038
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Varies

AIRS: Air Inventory Listing

A listing of air permits and emissions information.

Date of Government Version: 01/04/2023
Date Data Arrived at EDR: 01/05/2023
Date Made Active in Reports: 02/14/2023
Number of Days to Update: 40

Source: Illinois EPA
Telephone: 217-557-0314
Last EDR Contact: 03/23/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

ASBESTOS: ASBESTOS

A listing of asbestos abatement & demolition project site locations in the state.

Date of Government Version: 01/04/2023
Date Data Arrived at EDR: 01/05/2023
Date Made Active in Reports: 02/14/2023
Number of Days to Update: 40

Source: Illinois EPA
Telephone: 217-558-5101
Last EDR Contact: 03/23/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

BOL: Bureau of Land Inventory Database

Bureau of Land inventory for facility information. Data results are cross-linked with all on-line database system applications from IEPA - Bureau of Land as well as USEPA FRS database.

Date of Government Version: 12/02/2021
Date Data Arrived at EDR: 12/14/2021
Date Made Active in Reports: 03/01/2022
Number of Days to Update: 77

Source: Illinois Environmental Protection Agency
Telephone: 217-785-9407
Last EDR Contact: 02/15/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

COAL ASH: Coal Ash Site Listing

A listing of coal ash site lcoations.

Date of Government Version: 10/01/2011
Date Data Arrived at EDR: 03/09/2012
Date Made Active in Reports: 04/10/2012
Number of Days to Update: 32

Source: Illinois EPA
Telephone: 217-782-1654
Last EDR Contact: 02/22/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Annually

DRYCLEANERS: Illinois Licensed Drycleaners

Any retail drycleaning facility in Illinois must apply for a license through the Illinois Drycleaner Environmental Response Trust Fund. Drycleaner Environmental Response Trust Fund of Illinois.

Date of Government Version: 10/21/2022
Date Data Arrived at EDR: 11/10/2022
Date Made Active in Reports: 01/31/2023
Number of Days to Update: 82

Source: Drycleaner Environmental Response Trust Fund of Illinois
Telephone: 800-765-4041
Last EDR Contact: 02/14/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

Financial Assurance: Financial Assurance Information Listing

Information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 03/04/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 06/06/2022
Number of Days to Update: 88

Source: Illinois Environmental Protection Agency
Telephone: 217-782-9887
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: No Update Planned

HWAR: Hazard Waste Annual Report

Each year, Illinois hazardous-waste generators tell the Illinois EPA the amounts and kinds of hazardous waste they produced during the previous year. Generators indicate by code the types of wastes produced and the steps they took to manage these wastes. If some or all of these wastes were sent to commercial treatment, storage, and disposal facilities (TSDFs), that information and the identity of each receiving facility also are submitted. Illinois TSDFs likewise report the types and quantities of wastes received from in-state and out-of-state generators; they also report the procedures they used to manage these wastes.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 08/02/2021
Number of Days to Update: 83

Source: Illinois EPA
Telephone: 217-524-3300
Last EDR Contact: 12/28/2022
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Annually

IMPDMENT: Surface Impoundment Inventory

Statewide inventory of industrial, municipal, mining, oil & gas , and large agricultural impoundment. This study was conducted by the Illinois EPA to assess potentail for contamination of shallow aquifers. This was a one-time study. Although many of the impoundments may no longer be present, the sites may be contaminated.

Date of Government Version: 12/31/1980
Date Data Arrived at EDR: 03/08/2002
Date Made Active in Reports: 06/03/2002
Number of Days to Update: 87

Source: Illinois Waste Management & Research Center
Telephone: 217-333-8940
Last EDR Contact: 05/12/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: No Update Planned

NPDES: A Listing of Active Permits

A listing of facilities currently active in the state. The types of permits are public, private, federal and state.

Date of Government Version: 04/16/2014
Date Data Arrived at EDR: 04/18/2014
Date Made Active in Reports: 05/20/2014
Number of Days to Update: 32

Source: Illinois EPA
Telephone: 217-782-0610
Last EDR Contact: 03/23/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

PIMW: Potentially Infectious Medical Waste

Potentially Infectious Medical Waste (PIMW) is waste generated in connection with the diagnosis, treatment (i.e., provision of medical services), or immunization of human beings or animals; research pertaining to the provision of medical services; or the provision or testing of biologicals.

Date of Government Version: 12/09/2022
Date Data Arrived at EDR: 12/15/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 78

Source: Illinois EPA
Telephone: 217-524-3289
Last EDR Contact: 03/13/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Varies

TIER 2: Tier 2 Information Listing
A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 08/08/2022
Date Made Active in Reports: 10/24/2022
Number of Days to Update: 77

Source: Illinois Emergency Management Agency
Telephone: 217-785-9860
Last EDR Contact: 02/03/2023
Next Scheduled EDR Contact: 05/22/2023
Data Release Frequency: Annually

UIC: Underground Injection Wells
Injection wells are used for disposal of fluids by "injection" into the subsurface. The construction of injection wells range from very technical designs with twenty-four hour monitoring to simply a hole dug in the ground to control runoff. As a result of this diversity, the UIC Program divides injection wells into five different classes.

Date of Government Version: 08/30/2021
Date Data Arrived at EDR: 12/15/2021
Date Made Active in Reports: 03/01/2022
Number of Days to Update: 76

Source: Illinois EPA
Telephone: 217-782-9878
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Semi-Annually

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/28/2022
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/28/2022
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/28/2022
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Illinois.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Illinois Environmental Protection Agency in Illinois.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Illinois Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Illinois Environmental Protection Agency in Illinois.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Illinois Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

COOK COUNTY:

CHICAGO ASBESTOS: CDPH Asbestos and Demolition Notification Listing

Notices of Intent (NOI) for demolition and asbestos abatement per Chapter 11-4 Article XVIII of the Municipal Code (see American Legal Publishing Corporation) submitted to the Department of Environment (DOE) for work started January, 1993 to December 31, 2011 or submitted to the Department of Public Health (CDPH) for work beginning on or after January 1, 2012. On January 1, 2012, the DOE was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH.

Date of Government Version: 12/07/2022
Date Data Arrived at EDR: 12/12/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 81

Source: Chicago Department of Public Health
Telephone: 312-747-9884
Last EDR Contact: 03/14/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Varies

CHICAGO COMPLAINTS: CDPH Environmental Complaints Listing

Environmental complaints received by the Department of Environment (DOE) from January 1993 to December 31, 2011 and by the 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.

Date of Government Version: 12/07/2022
Date Data Arrived at EDR: 12/12/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 81

Source: Chicago Department of Public Health
Telephone: 312-747-9884
Last EDR Contact: 03/14/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Varies

CHICAGO ENF: CDPH Environmental Enforcement Listing

Municipal and State code violation notices issued by the Department of Environment (DOE) from January, 1993 to December 31, 2012 and by the Department of Public Health (CDPH) Permitting and Inspections unit 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..

Date of Government Version: 12/07/2022
Date Data Arrived at EDR: 12/12/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 81

Source: Chicago Department of Public Health
Telephone: 312-747-9884
Last EDR Contact: 03/14/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Varies

CHICAGO INSPECT: CDPH Environmental Inspections Listing

Inspections conducted by the Department of Environment (DOE) from April, 1997 to December 31, 2011 and by the Department of Public Health (CDPH) since January 1, 2012. On January 1, 2012, the Department of Environment was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH.

Date of Government Version: 12/07/2022
Date Data Arrived at EDR: 12/12/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 81

Source: Chicago Department of Public Health
Telephone: 312-747-9884
Last EDR Contact: 03/14/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Varies

CHICAGO PERMITS: CDPH Environmental Permits Listing

Permits issued by the Department of Environment (DOE) from January 1993 to December 31, 2011 and by the Department of Public Health (CDPH) since January 1, 2012. This dataset also includes tank permits issued by CDPH on behalf of the Office of the Illinois State Fire Marshall (OSFM). On January 1, 2012, the DOE was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH.

Date of Government Version: 12/07/2022
Date Data Arrived at EDR: 12/12/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 81

Source: Chicago Department of Public Health
Telephone: 312-747-9884
Last EDR Contact: 03/14/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Varies

CHICAGO TANKS: CDPH Storage Tanks Listing

This dataset contains Aboveground Storage Tank (AST) and Underground Storage Tank (UST) information from the Department of Public Healtha??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 Department of Environment (DOE) database. This dataset also includes AST records from the historic DOE and pre-1992 UST records from the Building Department.

Date of Government Version: 12/07/2022
Date Data Arrived at EDR: 12/12/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 81

Source: Department of Public Health
Telephone: 312-747-2374
Last EDR Contact: 03/14/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Quarterly

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/16/2022
Date Data Arrived at EDR: 11/16/2022
Date Made Active in Reports: 02/06/2023
Number of Days to Update: 82

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/10/2023
Next Scheduled EDR Contact: 05/22/2023
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/28/2022
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/27/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/06/2023
Next Scheduled EDR Contact: 04/24/2023
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/13/2022
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/06/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Homes & Centers Listing
Source: Department of Children & Family Services
Telephone: 312-814-4150

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Illinois State Geological Survey
Telephone: 217-333-4747

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

ADDISON/WISCONSIN/MADISON IMPROVEMENTS
741 S WISCONSIN AVE
VILLA PARK, IL 60181

TARGET PROPERTY COORDINATES

Latitude (North):	41.875049 - 41^ 52' 30.18"
Longitude (West):	87.986931 - 87^ 59' 12.95"
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	418102.3
UTM Y (Meters):	4636160.5
Elevation:	707 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	10735938 HINSDALE, IL
Version Date:	2018
Northeast Map:	10735930 ELMHURST, IL
Version Date:	2018
Southwest Map:	10706026 WHEATON, IL
Version Date:	2018
Northwest Map:	10736040 LOMBARD, IL
Version Date:	2018

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

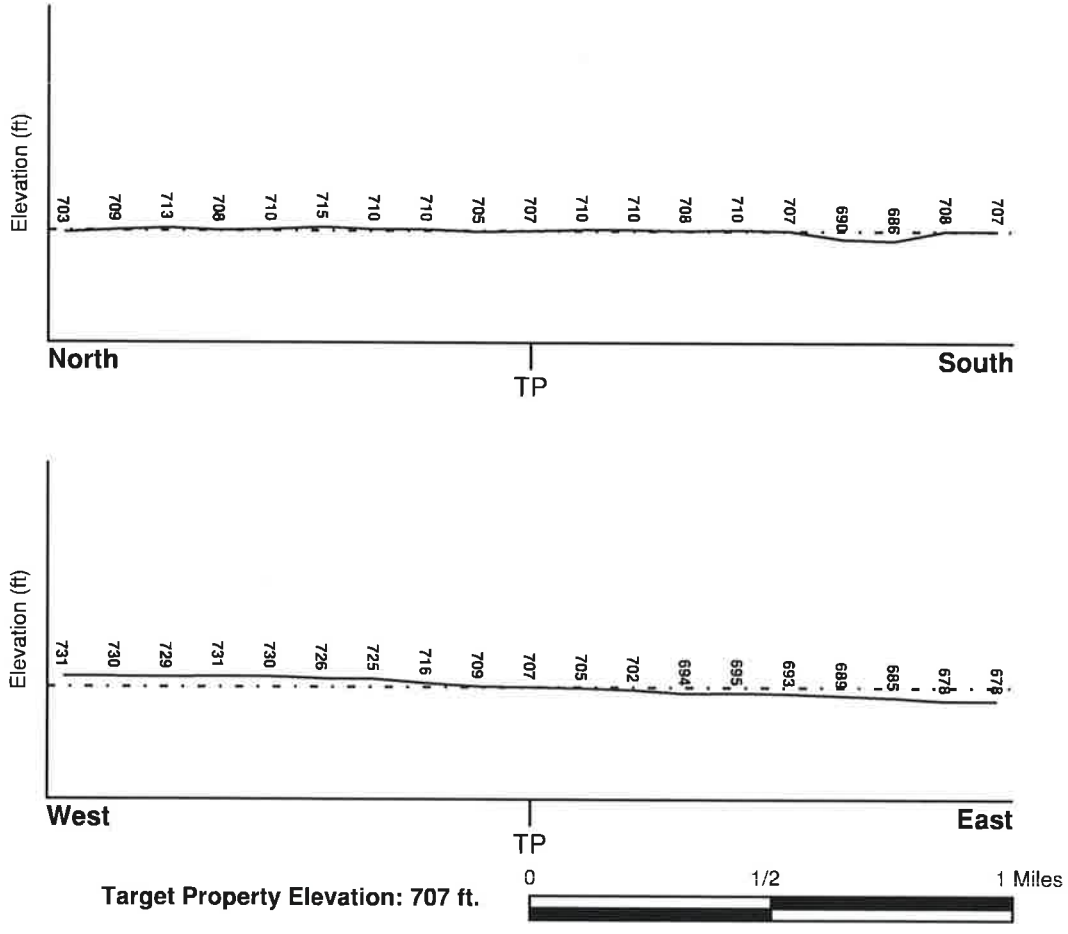
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
1702170002B	FEMA Q3 Flood data

Additional Panels in search area:	FEMA Source Type
1702120005B	FEMA Q3 Flood data
1701970030D	FEMA Q3 Flood data
1701970045B	FEMA Q3 Flood data
1702170003B	FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
ELMHURST	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Silurian
Series:	Middle Silurian (Niagoaran)
Code:	S2 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

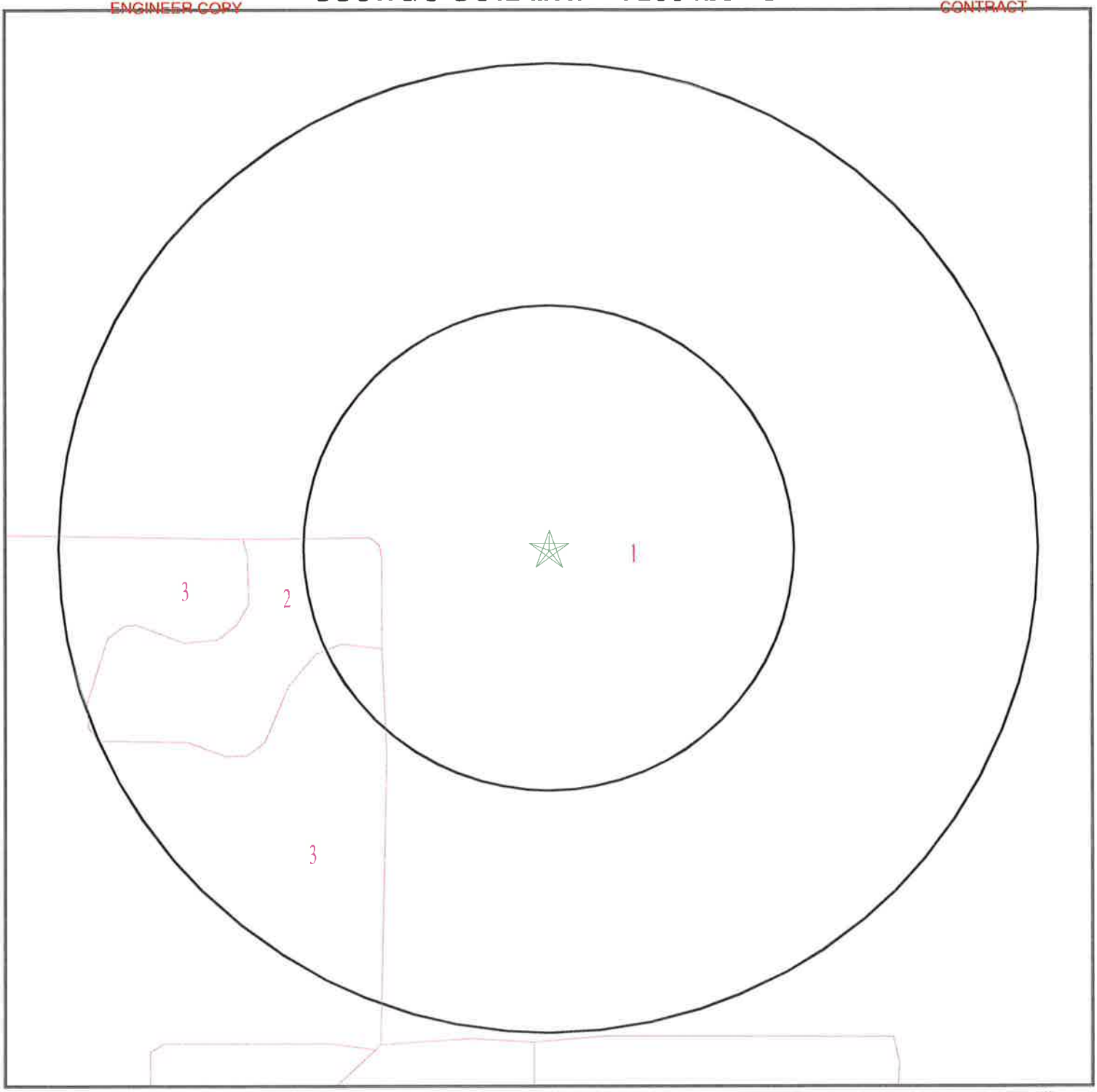
Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 7289426.2s

ENGINEER COPY

CONTRACT



★ Target Property

SSURGO Soil

Water

0 1/8 1/4 1/2 Miles

N

SITE NAME:	Addison/Wisconsin/Madison Improvements	CLIENT:	V3 Companies of IL, LTD
ADDRESS:	741 S Wisconsin Ave Villa Park IL 60181	CONTACT:	Jonathan D Shuptar
LAT/LONG:	41.875049 / 87.986931	INQUIRY #:	7289426.2s
		DATE:	March 24, 2023 12:41 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Markham

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Not reported	Not reported	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4
2	7 inches	31 inches		Not reported	Not reported	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4
3	31 inches	59 inches		Not reported	Not reported	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.4

Soil Map ID: 2

Soil Component Name: Markham

Soil Surface Texture: silty clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 76 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	20 inches	31 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.9
2	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.9
3	7 inches	20 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.9
4	31 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.9

Soil Map ID: 3

Soil Component Name: Orthents, clayey

Soil Surface Texture: silty clay

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.14	Max: 8.4 Min: 6.1
2	5 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.14	Max: 8.4 Min: 6.1

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
D31	USGS40000299439	1/2 - 1 Mile NE
D36	USGS40000299438	1/2 - 1 Mile NE
G42	USGS40000299408	1/2 - 1 Mile SE
L66	USGS40000299392	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
G41	IL0430800	1/2 - 1 Mile SE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	ILSG30000060468	1/4 - 1/2 Mile West
A2	ILPW19075	1/4 - 1/2 Mile North
A3	ILPW19076	1/4 - 1/2 Mile North
A4	ILPW19077	1/4 - 1/2 Mile North
A5	ILPW19073	1/4 - 1/2 Mile North
A6	ILPW19071	1/4 - 1/2 Mile North
A7	ILPW19072	1/4 - 1/2 Mile North
A8	ILPW19074	1/4 - 1/2 Mile North
A9	ILSG30000061433	1/2 - 1 Mile North
B10	ILPW19183	1/2 - 1 Mile South
B11	ILPW19184	1/2 - 1 Mile South
B12	ILPW19182	1/2 - 1 Mile South
B13	ILPW19181	1/2 - 1 Mile South
B14	ILPW19186	1/2 - 1 Mile South
B15	ILPW19193	1/2 - 1 Mile South
B16	ILPW19185	1/2 - 1 Mile South
B17	ILPW19187	1/2 - 1 Mile South
B18	ILPW19191	1/2 - 1 Mile South
B19	ILPW19192	1/2 - 1 Mile South
B20	ILPW19188	1/2 - 1 Mile South
B21	ILPW19189	1/2 - 1 Mile South
B22	ILPW19190	1/2 - 1 Mile South
C23	ILSG30000065743	1/2 - 1 Mile NNW
C24	ILPW19078	1/2 - 1 Mile NNW
25	ILSG30000064811	1/2 - 1 Mile SSW
26	ILSG30000069219	1/2 - 1 Mile SSE
27	ILPW19177	1/2 - 1 Mile ESE
D28	ILEPC6000001659	1/2 - 1 Mile NE
D29	ILSG30000061136	1/2 - 1 Mile NE
E30	ILSG30000060664	1/2 - 1 Mile SW
D32	ILSG30000069510	1/2 - 1 Mile NE
33	ILSG30000067270	1/2 - 1 Mile South
D34	ILEPC6000001658	1/2 - 1 Mile NE
E35	ILEPC6000000487	1/2 - 1 Mile SW
F37	ILSG30000060070	1/2 - 1 Mile West
F38	ILSG30000060071	1/2 - 1 Mile West
39	ILPW19196	1/2 - 1 Mile South

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

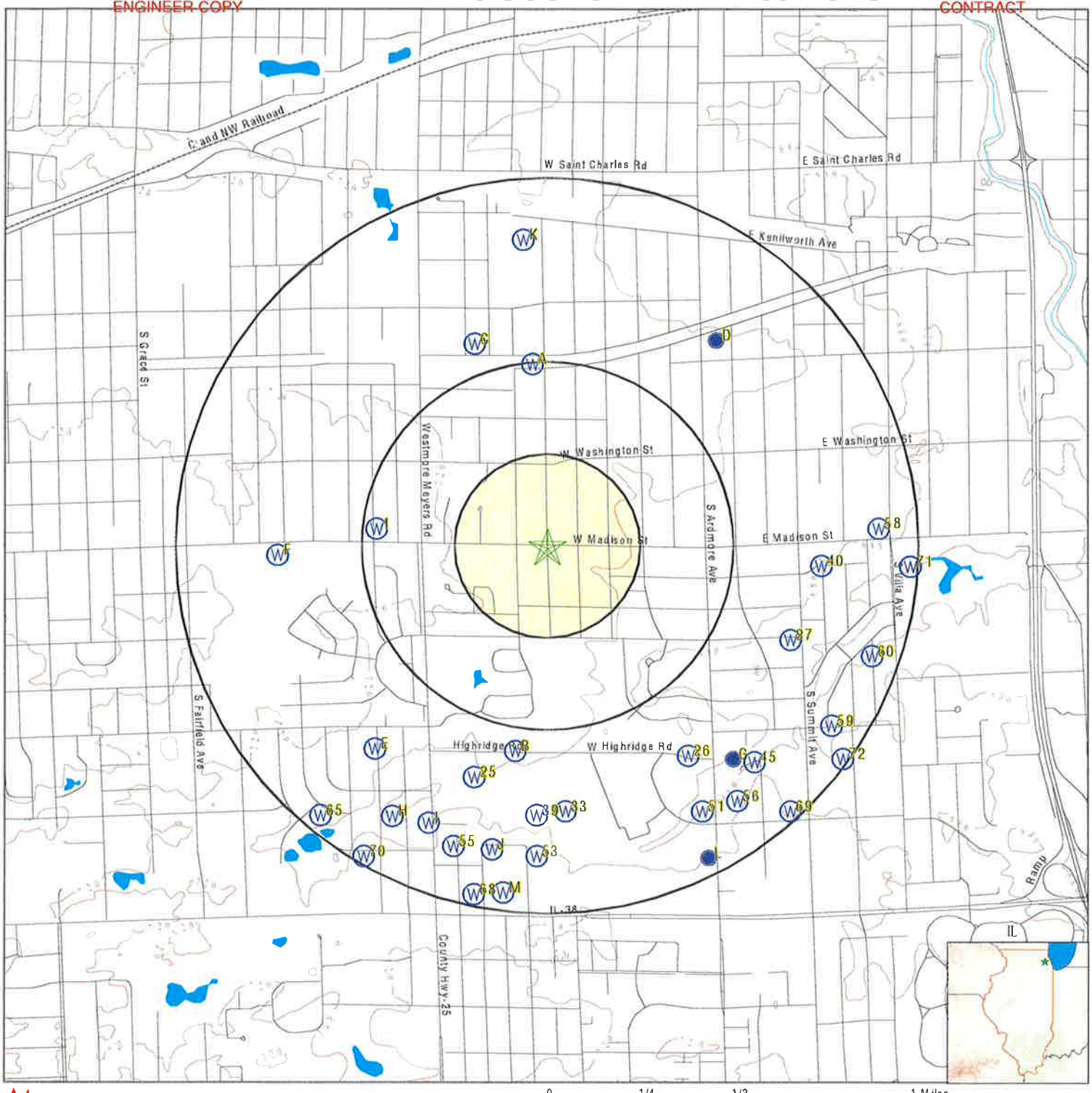
STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
40	ILSG30000064807	1/2 - 1 Mile East
G43	ILSG30000065744	1/2 - 1 Mile SE
G44	ILEPC6000000470	1/2 - 1 Mile SE
45	ILSG30000065749	1/2 - 1 Mile SE
H46	ILSG30000067269	1/2 - 1 Mile SSW
I47	ILSG30000061942	1/2 - 1 Mile SSW
I48	ILSG30000065748	1/2 - 1 Mile SSW
J49	ILSG30000063300	1/2 - 1 Mile South
K50	ILSG30000069218	1/2 - 1 Mile North
51	ILPW19180	1/2 - 1 Mile SSE
K52	ILSG30000069217	1/2 - 1 Mile North
53	ILPW19195	1/2 - 1 Mile South
J54	ILSG30000066368	1/2 - 1 Mile SSW
55	ILSG30000064339	1/2 - 1 Mile SSW
56	ILSG30000064810	1/2 - 1 Mile SE
H57	ILSG30000060933	1/2 - 1 Mile SSW
58	ILSG30000061434	1/2 - 1 Mile East
59	ILPW19175	1/2 - 1 Mile ESE
60	ILSG30000068851	1/2 - 1 Mile ESE
L61	ILPW19179	1/2 - 1 Mile SSE
M62	ILSG30000068531	1/2 - 1 Mile South
M63	ILSG30000069601	1/2 - 1 Mile South
L64	ILSG30000059978	1/2 - 1 Mile SSE
65	ILPW19202	1/2 - 1 Mile SW
L67	ILSG30000060419	1/2 - 1 Mile SSE
68	ILSG30000070598	1/2 - 1 Mile SSW
69	ILPW19176	1/2 - 1 Mile SE
70	ILPW19200	1/2 - 1 Mile SSW
71	ILSG30000068440	1/2 - 1 Mile East
72	ILSG30000065747	1/2 - 1 Mile SE

PHYSICAL SETTING SOURCE MAP - 7289426.2s

ENGINEER COPY

CONTRACT



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Addison/Wisconsin/Madison Improvements	CLIENT:	V3 Companies of IL, LTD
ADDRESS:	741 S Wisconsin Ave Villa Park IL 60181	CONTACT:	Jonathan D Shuptar
		INQUIRY #:	7289426.2s
LAT/LONG:	41.875049 / 87.986931	DATE:	March 24, 2023 12:41 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
1 **West** **1/4 - 1/2 Mile** **Higher**	**IL WELLS**	**ILSG30000060468**

Database:	Water Well Records	API #:	120430085400
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Villa Park City	Well:	2
Driller:	Geiger, S. B. Co.	Date Drilled:	1931 1 1
Elevation:	700	Elevation Reference:	Ground level
Total Depth:	2110	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

	Database	EDR ID Number
A2 **North** **1/4 - 1/2 Mile** **Higher**	**IL WELLS**	**ILPW19075**

Database:	Illinois Private Well Database and PICS		
Well ID:	19075	2nd ID:	Not Reported
Owner:	DUPAGE SCHOOL DIST	Driller:	NEELY
Date drilled:	00/00/1968	Permit:	Not Reported
Depth:	125	Record type:	RG
Well Use:	School	Well Type:	--
Aquifer type:	--		

	Database	EDR ID Number
A3 **North** **1/4 - 1/2 Mile** **Higher**	**IL WELLS**	**ILPW19076**

Database:	Illinois Private Well Database and PICS		
Well ID:	19076	2nd ID:	Not Reported
Owner:	DUPAGE SCHOOL DIST	Driller:	NEELY
Date drilled:	00/00/1968	Permit:	Not Reported
Depth:	200	Record type:	RG
Well Use:	School	Well Type:	--
Aquifer type:	--		

	Database	EDR ID Number
A4 **North** **1/4 - 1/2 Mile** **Higher**	**IL WELLS**	**ILPW19077**

Database:	Illinois Private Well Database and PICS		
Well ID:	19077	2nd ID:	Not Reported
Owner:	DUANE CARLSON	Driller:	SELF
Date drilled:	03/21/1991	Permit:	Not Reported
Depth:	82	Record type:	A
Well Use:	Domestic	Well Type:	--
Aquifer type:	--		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
A5 **North** **1/4 - 1/2 Mile** **Higher**	**IL WELLS**	**ILPW19073**

Database:	Illinois Private Well Database and PICS		
Well ID:	19073	2nd ID:	Not Reported
Owner:	ROBERT REINHARDT LOT 4 (ABAND)	Driller:	MEADOW EQUIPMENT
Date drilled:	12/01/1982	Permit:	Not Reported
Depth:	75	Record type:	AX
Well Use:	Domestic	Well Type:	--
Aquifer type:	--		

	Database	EDR ID Number
A6 **North** **1/4 - 1/2 Mile** **Higher**	**IL WELLS**	**ILPW19071**

Database:	Illinois Private Well Database and PICS		
Well ID:	19071	2nd ID:	Not Reported
Owner:	DUANE CARLSON	Driller:	CARLSON/FILIP
Date drilled:	03/21/1991	Permit:	Not Reported
Depth:	82	Record type:	A
Well Use:	Domestic	Well Type:	--
Aquifer type:	--		

	Database	EDR ID Number
A7 **North** **1/4 - 1/2 Mile** **Higher**	**IL WELLS**	**ILPW19072**

Database:	Illinois Private Well Database and PICS		
Well ID:	19072	2nd ID:	Not Reported
Owner:	VILLA PARK POST OFFICE	Driller:	MEADOW EQUIPMENT
Date drilled:	05/23/1988	Permit:	Not Reported
Depth:	112	Record type:	A
Well Use:	MU	Well Type:	--
Aquifer type:	--		

	Database	EDR ID Number
A8 **North** **1/4 - 1/2 Mile** **Higher**	**IL WELLS**	**ILPW19074**

Database:	Illinois Private Well Database and PICS		
Well ID:	19074	2nd ID:	Not Reported
Owner:	DR CARL VINNEDGE #2 (93:12:2)	Driller:	MILLER
Date drilled:	00/00/1944	Permit:	Not Reported
Depth:	132	Record type:	RGX
Well Use:	Domestic	Well Type:	--
Aquifer type:	Unconsolidated		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
A9 **North** **1/2 - 1 Mile** **Higher**	**IL WELLS**	**ILSG30000061433**

Database:	Water Well Records	API #:	120430186400
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Vimedge Dr Carl	Well:	Not Reported
Driller:	Miller H H	Date Drilled:	1944 1 1
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	132	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

B10 **South** **1/2 - 1 Mile** **Lower**		**IL WELLS**	**ILPW19183**
Database:	Illinois Private Well Database and PICS		
Well ID:	19183	2nd ID:	Not Reported
Owner:	KEONOOSH JAFARI LOT 4	Driller:	BRICKEY
Date drilled:	03/30/1989	Permit:	Not Reported
Depth:	110	Record type:	AX
Well Use:	Domestic	Well Type:	--
Aquifer type:	--		

B11 **South** **1/2 - 1 Mile** **Lower**		**IL WELLS**	**ILPW19184**
Database:	Illinois Private Well Database and PICS		
Well ID:	19184	2nd ID:	Not Reported
Owner:	BOARD OF EDUC DUPAGE HS LOT 12	Driller:	WEHLING
Date drilled:	06/17/1985	Permit:	Not Reported
Depth:	260	Record type:	AX
Well Use:	School	Well Type:	--
Aquifer type:	Bedrock		

B12 **South** **1/2 - 1 Mile** **Lower**		**IL WELLS**	**ILPW19182**
Database:	Illinois Private Well Database and PICS		
Well ID:	19182	2nd ID:	Not Reported
Owner:	C J VELDMAN (ABANDONED)	Driller:	MEADOW EQUIPMENT
Date drilled:	09/10/1984	Permit:	Not Reported
Depth:	119	Record type:	AX
Well Use:	Domestic	Well Type:	--
Aquifer type:	--		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
B13 **South** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILPW19181**

Database:	Illinois Private Well Database and PICS		
Well ID:	19181	2nd ID:	Not Reported
Owner:	ANDREACCHI CONST LOT 51	Driller:	KNIERIM
Date drilled:	07/16/1986	Permit:	125243
Depth:	80	Record type:	RGX
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

	Database	EDR ID Number
B14 **South** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILPW19186**

Database:	Illinois Private Well Database and PICS		
Well ID:	19186	2nd ID:	Not Reported
Owner:	CHATEAU HOMES LOT 4 (85:-:-)	Driller:	K K
Date drilled:	02/02/1972	Permit:	015927
Depth:	120	Record type:	RGX
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

	Database	EDR ID Number
B15 **South** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILPW19193**

Database:	Illinois Private Well Database and PICS		
Well ID:	19193	2nd ID:	Not Reported
Owner:	ANDRENCCHI CONST. LOT 51	Driller:	KNIERIM
Date drilled:	07/16/1986	Permit:	125243
Depth:	80	Record type:	RG
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

	Database	EDR ID Number
B16 **South** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILPW19185**

Database:	Illinois Private Well Database and PICS		
Well ID:	19185	2nd ID:	Not Reported
Owner:	PARK LANE REALITY LT 8(30:12:1	Driller:	BILSKEY
Date drilled:	12/24/1969	Permit:	008867
Depth:	91	Record type:	RGX
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
B17 **South** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILPW19187**

Database:	Illinois Private Well Database and PICS		
Well ID:	19187	2nd ID:	Not Reported
Owner:	JOS GROSSO LOT 12 (150:10:2)	Driller:	DUPAGE PUMP
Date drilled:	11/01/1977	Permit:	067847
Depth:	430	Record type:	RGX
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

	Database	EDR ID Number
B18 **South** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILPW19191**

Database:	Illinois Private Well Database and PICS		
Well ID:	19191	2nd ID:	Not Reported
Owner:	HARRY BRADFISH (ABANDONED)	Driller:	SHAVER
Date drilled:	01/24/1983	Permit:	Not Reported
Depth:	100	Record type:	AX
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

	Database	EDR ID Number
B19 **South** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILPW19192**

Database:	Illinois Private Well Database and PICS		
Well ID:	19192	2nd ID:	Not Reported
Owner:	JEANNE KNOCKAERT LT 1(120:10:2	Driller:	DUPAGE
Date drilled:	04/28/1975	Permit:	037279
Depth:	150	Record type:	RGX
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

	Database	EDR ID Number
B20 **South** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILPW19188**

Database:	Illinois Private Well Database and PICS		
Well ID:	19188	2nd ID:	Not Reported
Owner:	LOU PERILLO LOT 13 (160:20:4)	Driller:	KNIERIM
Date drilled:	09/17/1979	Permit:	088568
Depth:	220	Record type:	RGX
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
B21 **South** **1/2 - 1 Mile** **Lower**		**IL WELLS**	**ILPW19189**

Database:	Illinois Private Well Database and PICS		
Well ID:	19189	2nd ID:	27432
Owner:	ANDREACCHI CONST#86502(45:10:4	Driller:	KNIERIM
Date drilled:	08/28/1986	Permit:	125243
Depth:	80	Record type:	RGX
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

B22 **South** **1/2 - 1 Mile** **Lower**		**IL WELLS**	**ILPW19190**

Database:	Illinois Private Well Database and PICS		
Well ID:	19190	2nd ID:	Not Reported
Owner:	STEVEN H MEVORAH (ABANDONED)	Driller:	MEADOW EQUIPMENT
Date drilled:	11/19/1984	Permit:	Not Reported
Depth:	90	Record type:	AX
Well Use:	Domestic	Well Type:	--
Aquifer type:	--		

C23 **NNW** **1/2 - 1 Mile** **Higher**		**IL WELLS**	**ILSG30000065743**

Database:	Water Well Records	API #:	120432673500
IL State Water Survey P #:	180648	Status:	Water Well
Well Name:	Graff, Ralph	Well:	Not Reported
Driller:	Liberg, Patrick A.	Date Drilled:	1983 714
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	130	Lithologic Formation:	limestone
Top of Formation (ft):	73	Bottom of Formation (ft):	130
Pump Flow (gal/min):	25		

C24 **NNW** **1/2 - 1 Mile** **Higher**		**IL WELLS**	**ILPW19078**

Database:	Illinois Private Well Database and PICS		
Well ID:	19078	2nd ID:	Not Reported
Owner:	RALPH GRAFF LOT 19 (61:25:2)	Driller:	LIBERG
Date drilled:	07/13/1983	Permit:	108140
Depth:	130	Record type:	RGX
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
25 **SSW** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILSG30000064811**

Database:	Water Well Records	API #:	120432562200
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Grosso Jos	Well:	Not Reported
Driller:	Du Page Pump Inc	Date Drilled:	197711 1
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	430	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

---

26 **SSE** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILSG30000069219**

Database:	Water Well Records	API #:	120433048800
IL State Water Survey P #:	0	Status:	Engineering Test
Well Name:	CK-534	Well:	PB-2
Driller:	Layne Western Co., Inc.	Date Drilled:	0
Elevation:	0	Elevation Reference:	Ground level
Total Depth:	0	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

---

27 **ESE** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILPW19177**

Database:	Illinois Private Well Database and PICS		
Well ID:	19177	2nd ID:	Not Reported
Owner:	SUN OIL STATION (84:35:8)	Driller:	K & K
Date drilled:	10/00/1967	Permit:	003730
Depth:	185	Record type:	RGX
Well Use:	Commerical	Well Type:	--
Aquifer type:	Bedrock		

D28 **NE** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILEPC6000001659**

API #:	Not Reported	Well ID:	20682
Facility Name:	Not Reported	Facility #:	Not Reported
Well status:	Abandoned	Well Type:	Not Reported
Primary Use Name:	Not Reported	Population Count:	0
Update Time Stamp:	Not Reported	IEPA Facility #:	0430800
Water Supply Name:	VILLA PARK	Aquifer Status:	Confined
Min Setback Zone (ft):	0	Well Depth:	251
Ambient Sampling Netwk Stat:	0	EPA Facility Status:	Active

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

SDWIS Well ID:	WL20682	SDWIS Facility #:	IL0430800
ISGS Geological Suscept:	Uniform, relatively impermeable silty or clayey till at least 50 ft thick, no evidence of interbedded sand and gravel		

D29
NE
1/2 - 1 Mile
Lower

IL WELLS **ILSG30000061136**

Database:	Water Well Records	API #:	120430154000
IL State Water Survey P #:	405047	Status:	Water Well
Well Name:	City Of Villa Park	Well:	4
Driller:	Palmer J D	Date Drilled:	1923 1 1
Elevation:	702	Elevation Reference:	Ground level
Total Depth:	251	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

E30
SW
1/2 - 1 Mile
Higher

IL WELLS **ILSG30000060664**

Database:	Water Well Records	API #:	120430105400
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Gloss	Well:	Not Reported
Driller:	Liberg, Patrick A.	Date Drilled:	1968 6 1
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

D31
NE
1/2 - 1 Mile
Lower

FED USGS **USGS40000299439**

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	39N11E-10.8e2	Type:	Well
Description:	Not Reported	HUC:	07120004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Silurian-Devonian aquifers		
Formation Type:	Silurian System	Aquifer Type:	Not Reported
Construction Date:	192309	Well Depth:	212
Well Depth Units:	ft	Well Hole Depth:	251
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	19	Level reading date:	1981
Feet below surface:	105	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1979-08-14	Feet below surface:	109
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1971	Feet below surface:	53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1970	Feet below surface:	52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969	Feet below surface:	48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1968-06	Feet below surface:	60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1967-11	Feet below surface:	59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1966-07	Feet below surface:	59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1965-07	Feet below surface:	65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1964	Feet below surface:	58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963	Feet below surface:	65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962	Feet below surface:	54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1961	Feet below surface:	75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1960	Feet below surface:	55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1959-05-14	Feet below surface:	53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-05	Feet below surface:	54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1955-02	Feet below surface:	57.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1925	Feet below surface:	40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1923-09	Feet below surface:	40
Feet to sea level:	Not Reported	Note:	Not Reported

D32
NE
1/2 - 1 Mile
Lower

IL WELLS **ILSG30000069510**

Database:	Water Well Records	API #:	120433077900
IL State Water Survey P #:	405036	Status:	Water Well
Well Name:	Villa Park, Village	Well:	3
Driller:	Charles E. Eckert	Date Drilled:	1919 1 1
Elevation:	702	Elevation Reference:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total Depth:	285	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	150		

33
South
1/2 - 1 Mile
Lower

IL WELLS **ILSG30000067270**

Database:	Water Well Records	API #:	120432852000
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Board/Ed Dupage HS Dist 88		
Well:	Not Reported	Driller:	Wehling, Wendell E.
Date Drilled:	19841128	Elevation:	693
Elevation Reference:	Ground level	Total Depth:	265
Lithologic Formation:	Not Reported	Top of Formation (ft):	0
Bottom of Formation (ft):	0	Pump Flow (gal/min):	0

D34
NE
1/2 - 1 Mile
Lower

IL WELLS **ILEPC6000001658**

API #:	Not Reported	Well ID:	20681
Facility Name:	Not Reported	Facility #:	Not Reported
Well status:	Abandoned	Well Type:	Not Reported
Primary Use Name:	Not Reported	Population Count:	0
Update Time Stamp:	Not Reported	IEPA Facility #:	0430800
Water Supply Name:	VILLA PARK	Aquifer Status:	Confined
Min Setback Zone (ft):	0	Well Depth:	285
Ambient Sampling Netwk Stat:	0	EPA Facility Status:	Active
SDWIS Well ID:	WL20681	SDWIS Facility #:	IL0430800
ISGS Geological Suscept:	Uniform, relatively impermeable silty or clayey till at least 50 ft thick, no evidence of interbedded sand and gravel		

E35
SW
1/2 - 1 Mile
Higher

IL WELLS **ILEPC6000000487**

API #:	Not Reported	Well ID:	20684
Facility Name:	Not Reported	Facility #:	Not Reported
Well status:	Abandoned	Well Type:	Not Reported
Primary Use Name:	Not Reported	Population Count:	0
Update Time Stamp:	Not Reported	IEPA Facility #:	0430800
Water Supply Name:	VILLA PARK	Aquifer Status:	Confined
Min Setback Zone (ft):	0	Well Depth:	1485
Ambient Sampling Netwk Stat:	0	EPA Facility Status:	Active
SDWIS Well ID:	WL20684	SDWIS Facility #:	IL0430800
ISGS Geological Suscept:	Uniform, relatively impermeable silty or clayey till at least 50 ft thick, no evidence of interbedded sand and gravel		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
D36		
NE	**FED USGS**	**USGS40000299438**
1/2 - 1 Mile		
Lower		

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	39N11E-10.8e1	Type:	Well
Description:	Not Reported	HUC:	07120004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1919
Well Depth:	202	Well Depth Units:	ft
Well Hole Depth:	285	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1946-03
Feet below surface:	55.5	Feet to sea level:	Not Reported
Note:	Not Reported		

F37		
West	**IL WELLS**	**ILSG30000060070**
1/2 - 1 Mile		
Higher		

Database:	Water Well Records	API #:	120430044400
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Vance Const Co	Well:	5-D
Driller:	Harper, Jack	Date Drilled:	1959 1 1
Elevation:	742	Elevation Reference:	Ground level
Total Depth:	130	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

F38		
West	**IL WELLS**	**ILSG30000060071**
1/2 - 1 Mile		
Higher		

Database:	Water Well Records	API #:	120430044500
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Vance Const Co	Well:	4-D
Driller:	Harper, Jack	Date Drilled:	1959 1 1
Elevation:	742	Elevation Reference:	Ground level
Total Depth:	145	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

39		
South	**IL WELLS**	**ILPW19196**
1/2 - 1 Mile		
Lower		

Database:	Illinois Private Well Database and PICS		
Well ID:	19196	2nd ID:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Owner:	BOARD OF EDUC DUPAGE HS DIST88	Driller:	WEHLING
Date drilled:	06/17/1985	Permit:	115860
Depth:	260	Record type:	A
Well Use:	School	Well Type:	--
Aquifer type:	Bedrock		

40
East
1/2 - 1 Mile
Lower

IL WELLS **ILSG30000064807**

Database:	Water Well Records	API #:	120432561800
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Elmhurst Prk Dst	Well:	1
Driller:	Milaeger Well Drlg.	Date Drilled:	1976 1 1
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	250	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

G41
SE
1/2 - 1 Mile
Lower

FRDS PWS **IL0430800**

Epa region:	05	State:	IL
Pwsid:	IL0430800	Pwsname:	VILLA PARK
Cityserved:	Not Reported	Stateserved:	IL
Zipserved:	Not Reported	Fipscounty:	17043
Status:	Active	Retpopsrvd:	22517
Pwssvcconn:	7069	Psource longname:	Purch_surface_water
Pwstype:	CWS	Owner:	Public/Private
Contact:	JUSKELIS, VYDAS	Contactorgname:	JUSKELIS, VYDAS
Contactphone:	630-834-8505	Contactaddress1:	VILLAGE OF VILLA PARK
Contactaddress2:	20 SOUTH ARDMORE AVE.	Contactcity:	VILLA PARK
Contactstate:	IL	Contactzip:	60181
Pwsactivitycode:	A		
Pwsid:	IL0430800	Facid:	15237
Facname:	TP 05-WELL 7 (EMERGENCY)	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL0430800	Facid:	15239
Facname:	TP 07-WELL 10 (INACTIVE)	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL0430800	Facid:	31675
Facname:	TP 12-PUMP STATION	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL0430800	Facid:	32038
Facname:	TP 11-PUMP STATION	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	IL0430800	Facid:	40572
Facname:	TP13-WELL#10 (EMERGENCY-BACK-UP)		
Factype:	Treatment_plant	Facactivitycode:	A
Trtobjective:	disinfection	Trtprocess:	gaseous chlorination, pre
Factypecode:	TP		

PWS ID:	IL0430800	PWS name:	VILLA PARK
Address:	Not Reported	Care of:	Not Reported
City:	VILLA PARK	State:	IL
Zip:	60181	Owner:	VILLA PARK
Source code:	Purchases surface water	Population:	22253

PWS ID:	IL0430800	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	County:	DUPAGE
Source:	Purchases surface water	Treatment Objective:	DISINFECTION
Process:	GASEOUS CHLORINATION, PRE	Population:	22279

PWS ID:	IL0430800	Activity status:	Active
Date system activated:	1301	Date system deactivated:	Not Reported
Retail population:	00022253	System name:	VILLA PARK
System address:	Not Reported	System city:	VILLA PARK
System state:	IL	System zip:	60181

County FIPS:	Not Reported	City served:	VILLA PARK
Population served:	10,001 - 50,000 Persons	Treatment:	Mixed (treated and untreated)
Latitude:	415200	Longitude:	0875839
Latitude:	415404	Longitude:	0875852
Latitude:	415313	Longitude:	0875851

State:	IL	Latitude degrees:	41
Latitude minutes:	52	Latitude seconds:	0.0000
Longitude degrees:	87	Longitude minutes:	58
Longitude seconds:	39.0000		

State:	IL	Latitude degrees:	41
Latitude minutes:	53	Latitude seconds:	13.0000
Longitude degrees:	87	Longitude minutes:	58
Longitude seconds:	51.0000		

State:	IL	Latitude degrees:	41
Latitude minutes:	54	Latitude seconds:	4.0000
Longitude degrees:	87	Longitude minutes:	58
Longitude seconds:	52.0000		

G42
SE
1/2 - 1 Mile
Lower

FED USGS **USGS40000299408**

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	39N11E-15.8d1	Type:	Well
Description:	Not Reported	HUC:	07120004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	1458	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

G43
SE
1/2 - 1 Mile
Lower

IL WELLS **ILSG30000065744**

Database:	Water Well Records	API #:	120432673600
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Bradfish, Harry	Well:	2
Driller:	Shaver, James R. Sr.	Date Drilled:	1983 124
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	130	Lithologic Formation:	lime
Top of Formation (ft):	86	Bottom of Formation (ft):	130
Pump Flow (gal/min):	8		

G44
SE
1/2 - 1 Mile
Lower

IL WELLS **ILEPC6000000470**

API #:	Not Reported	Well ID:	20685
Facility Name:	Not Reported	Facility #:	Not Reported
Well status:	Active	Well Type:	Not Reported
Primary Use Name:	Not Reported	Population Count:	0
Update Time Stamp:	Not Reported	IEPA Facility #:	0430800
Water Supply Name:	VILLA PARK	Aquifer Status:	Confined
Min Setback Zone (ft):	200	Well Depth:	1458
Ambient Sampling Netwk Stat:	0	EPA Facility Status:	Active
SDWIS Well ID:	WL20685	SDWIS Facility #:	IL0430800
ISGS Geological Suscept:	Sand and gravel within 20 to 50 ft of surface, overlain and underlain by relatively impermeable till, other fine-grained material, and/or bedrock.		

45
SE
1/2 - 1 Mile
Lower

IL WELLS **ILSG30000065749**

Database:	Water Well Records	API #:	120432674100
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Vill. of Villa Park	Well:	10
Driller:	Wehling, R. H.	Date Drilled:	19801230
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	1458	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
H46 **SSW** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILSG30000067269**

Database:	Water Well Records	API #:	120432851900
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Veldman, C. J.	Well:	Not Reported
Driller:	Liberg, Patrick A.	Date Drilled:	1984 910
Elevation:	700	Elevation Reference:	Ground level
Total Depth:	158	Lithologic Formation:	limestone
Top of Formation (ft):	81	Bottom of Formation (ft):	158
Pump Flow (gal/min):	10		

I47 **SSW** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILSG30000061942**

Database:	Water Well Records	API #:	120430238900
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Chateau Homes	Well:	Not Reported
Driller:	K & K Well Drilling	Date Drilled:	1972 2 1
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	120	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

I48 **SSW** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILSG30000065748**

Database:	Water Well Records	API #:	120432674000
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Perillo, Lou	Well:	Not Reported
Driller:	Knierim, Phil	Date Drilled:	1979 917
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	220	Lithologic Formation:	limestone
Top of Formation (ft):	90	Bottom of Formation (ft):	220
Pump Flow (gal/min):	20		

J49 **South** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILSG30000063300**

Database:	Water Well Records	API #:	120432410900
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Knockaert Jeanne	Well:	Not Reported
Driller:	Dupage Pump	Date Drilled:	1975 4 1
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	150	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump Flow (gal/min): 0

K50
North
1/2 - 1 Mile
Higher

IL WELLS **ILSG30000069218**

Database:	Water Well Records	API #:	120433048700
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	DuPage School District	Well:	Not Reported
Driller:	Neely Harry C Co	Date Drilled:	0
Elevation:	0	Elevation Reference:	Ground level
Total Depth:	0	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

51
SSE
1/2 - 1 Mile
Lower

IL WELLS **ILPW19180**

Database:	Illinois Private Well Database and PICS		
Well ID:	19180	2nd ID:	Not Reported
Owner:	HARRY BRADFISH #2 LT6(100:8:3)	Driller:	SHAVER
Date drilled:	02/02/1983	Permit:	103771
Depth:	130	Record type:	RGX
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

K52
North
1/2 - 1 Mile
Higher

IL WELLS **ILSG30000069217**

Database:	Water Well Records	API #:	120433048600
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	DuPage School District	Well:	Not Reported
Driller:	Neely Harry C Co	Date Drilled:	0
Elevation:	0	Elevation Reference:	Ground level
Total Depth:	0	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

53
South
1/2 - 1 Mile
Higher

IL WELLS **ILPW19195**

Database:	Illinois Private Well Database and PICS		
Well ID:	19195	2nd ID:	Not Reported
Owner:	WILLOWBROOK SCHOOL #88 LOT 12	Driller:	WEHLING
Date drilled:	11/28/1984	Permit:	115860
Depth:	265	Record type:	RGX
Well Use:	Irrigation	Well Type:	--

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type: Bedrock

J54
SSW
1/2 - 1 Mile
Higher

IL WELLS **ILSG30000066368**

Database:	Water Well Records	API #:	120432743200
IL State Water Survey P #:	180222	Status:	Water Well
Well Name:	Andreacchi Construction	Well:	Not Reported
Driller:	Knierim, Phil	Date Drilled:	1986 828
Elevation:	710	Elevation Reference:	Ground level
Total Depth:	80	Lithologic Formation:	rock
Top of Formation (ft):	73	Bottom of Formation (ft):	80
Pump Flow (gal/min):	10		

55
SSW
1/2 - 1 Mile
Higher

IL WELLS **ILSG30000064339**

Database:	Water Well Records	API #:	120432515000
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Keim Joe	Well:	Not Reported
Driller:	Liberg, John E.	Date Drilled:	1977 3 1
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	135	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

56
SE
1/2 - 1 Mile
Lower

IL WELLS **ILSG30000064810**

Database:	Water Well Records	API #:	120432562100
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Villacci Frak	Well:	Not Reported
Driller:	Du Page Pump Inc	Date Drilled:	1978 9 1
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	205	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

H57
SSW
1/2 - 1 Mile
Lower

IL WELLS **ILSG30000060933**

Database:	Water Well Records	API #:	120430132900
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Park Lane Realty	Well:	Not Reported
Driller:	Bilsky, J. W.	Date Drilled:	196912 1
Elevation:	0	Elevation Reference:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total Depth:	91	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

58
East
1/2 - 1 Mile
Lower

IL WELLS **ILSG30000061434**

Database:	Water Well Records	API #:	120430186500
IL State Water Survey P #:	180649	Status:	Water Well
Well Name:	Rudden Frank	Well:	Not Reported
Driller:	Miller Harry H	Date Drilled:	1941 8 1
Elevation:	696	Elevation Reference:	Ground level
Total Depth:	56	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

59
ESE
1/2 - 1 Mile
Lower

IL WELLS **ILPW19175**

Database:	Illinois Private Well Database and PICS		
Well ID:	19175	2nd ID:	Not Reported
Owner:	STEBEN BUILDERS (ABANDONED)	Driller:	MEADOW EQUIPMENT
Date drilled:	09/16/1987	Permit:	Not Reported
Depth:	90	Record type:	AX
Well Use:	Domestic	Well Type:	--
Aquifer type:	--		

60
ESE
1/2 - 1 Mile
Lower

IL WELLS **ILSG30000068851**

Database:	Water Well Records	API #:	120433011900
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	McNaughton, James Builders Inc		
Well:	Not Reported	Driller:	Kerry, Charles M.
Date Drilled:	1996 614	Elevation:	0
Elevation Reference:	Not Reported	Total Depth:	200
Lithologic Formation:	limestone	Top of Formation (ft):	143
Bottom of Formation (ft):	200	Pump Flow (gal/min):	0

L61
SSE
1/2 - 1 Mile
Lower

IL WELLS **ILPW19179**

Database:	Illinois Private Well Database and PICS		
Well ID:	19179	2nd ID:	Not Reported
Owner:	FRAK VILLACCI LOT 32 (40:10:2)	Driller:	DUPAGE PUMP
Date drilled:	09/17/1978	Permit:	078349

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Depth:	205	Record type:	RGX
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

M62
South
1/2 - 1 Mile
Higher

IL WELLS **ILSG30000068531**

Database:	Water Well Records	API #:	120432979800
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Schroeder, Richard	Well:	Not Reported
Driller:	Kerry, Charles M.	Date Drilled:	199410 1
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	180	Lithologic Formation:	limestone
Top of Formation (ft):	102	Bottom of Formation (ft):	180
Pump Flow (gal/min):	50		

M63
South
1/2 - 1 Mile
Higher

IL WELLS **ILSG30000069601**

Database:	Water Well Records	API #:	120433087000
IL State Water Survey P #:	338122	Status:	Water Well
Well Name:	Mathews, Mark	Well:	Not Reported
Driller:	Moore, John V.	Date Drilled:	2001 6 8
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	200	Lithologic Formation:	gray rock
Top of Formation (ft):	110	Bottom of Formation (ft):	200
Pump Flow (gal/min):	10		

L64
SSE
1/2 - 1 Mile
Lower

IL WELLS **ILSG30000059978**

Database:	Water Well Records	API #:	120430034900
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Acre View Home	Well:	2
Driller:	Mayer, John G.	Date Drilled:	1959 1 1
Elevation:	695	Elevation Reference:	Ground level
Total Depth:	176	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

65
SW
1/2 - 1 Mile
Lower

IL WELLS **ILPW19202**

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	19202	Driller:	LIBERG
Owner:	MR GLOSS (45:12:4)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date drilled:	06/01/1968	Permit:	004753
Depth:	125	Record type:	RGX
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

L66
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40000299392**

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	39N11E-16.1b1	Type:	Well
Description:	Not Reported	HUC:	07120004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	196402
Well Depth:	1485	Well Depth Units:	ft
Well Hole Depth:	1485	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1		
Feet below surface:	585.00	Level reading date:	1964-02-06
Note:	Not Reported	Feet to sea level:	Not Reported

L67
SSE
1/2 - 1 Mile
Lower

IL WELLS **ILSG30000060419**

Database:	Water Well Records	API #:	120430080500
IL State Water Survey P #:	405103	Status:	Water Well
Well Name:	Villa Park	Well:	8
Driller:	Layne Western Co., Inc.	Date Drilled:	1964 2 1
Elevation:	705	Elevation Reference:	Ground level
Total Depth:	1485	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gal/min):	0		

68
SSW
1/2 - 1 Mile
Lower

IL WELLS **ILSG30000070598**

Database:	Water Well Records	API #:	120433187000
IL State Water Survey P #:	450063	Status:	Water Well
Well Name:	Sultana, Shahnaz	Well:	1
Driller:	Will County Well & Pump	Date Drilled:	2009 519
Elevation:	736	Elevation Reference:	Not Reported
Total Depth:	140	Lithologic Formation:	limestone
Top of Formation (ft):	96	Bottom of Formation (ft):	140
Pump Flow (gal/min):	80		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

69
SE
1/2 - 1 Mile
Lower

IL WELLS **ILPW19176**

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	19176	Driller:	SISSON
Owner:	RAYMOND LARSEN LOT 6 (45:10:2)	Permit:	090362
Date drilled:	10/25/1979	Record type:	RGX
Depth:	155	Well Type:	--
Well Use:	Domestic		
Aquifer type:	Bedrock		

70
SSW
1/2 - 1 Mile
Higher

IL WELLS **ILPW19200**

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	19200	Driller:	LIBERG
Owner:	C J VELDMAN LOT 10 (100:10:2)	Permit:	114551
Date drilled:	09/10/1984	Record type:	RGX
Depth:	158	Well Type:	--
Well Use:	Domestic		
Aquifer type:	Bedrock		

71
East
1/2 - 1 Mile
Lower

IL WELLS **ILSG30000068440**

Database:	Water Well Records	API #:	120432970700
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Sugar Creek Golf Crs	Well:	TH6-76
Driller:	Miller, J.P. Artesian Well Co.		
Date Drilled:	1976 819	Elevation:	0
Elevation Reference:	Not Reported	Total Depth:	60
Lithologic Formation:	Not Reported	Top of Formation (ft):	0
Bottom of Formation (ft):	0	Pump Flow (gal/min):	0

72
SE
1/2 - 1 Mile
Lower

IL WELLS **ILSG30000065747**

Database:	Water Well Records	API #:	120432673900
IL State Water Survey P #:	0	Status:	Water Well
Well Name:	Larson, Raymond	Well:	Not Reported
Driller:	Sisson, Edward	Date Drilled:	19791025
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	155	Lithologic Formation:	limestone
Top of Formation (ft):	75	Bottom of Formation (ft):	155
Pump Flow (gal/min):	10		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: IL Radon

Radon Test Results

Zipcode	Result
60181	2.1
60181	5.3
60181	0.1
60181	1.8
60181	2.1
60181	11.4
60181	3.2
60181	0.7
60181	6.6
60181	5.1
60181	3.6
60181	0.5
60181	1.8
60181	3.5
60181	5.1
60181	1.8
60181	9.9
60181	1.5
60181	1
60181	3
60181	0.5
60181	0.8
60181	1.1
60181	0.7
60181	1.5
60181	4.9
60181	1.3
60181	0.8
60181	3.6
60181	3.8
60181	2
60181	0.5
60181	15.2
60181	2.2
60181	1.8
60181	9.3
60181	2.1

Federal EPA Radon Zone for DUPAGE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal Area Radon Information for Zip Code: 60181

Number of sites tested: 4

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.875 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Illinois State Geological Survey
Telephone: 217-333-4747

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Oil and Gas Wells Listing
Source: Illinois State Geological Survey
Telephone: 217-333-5109
Oil and gas wells location points from the Illinois State Geological Survey database.

Water Well Records
Source: Illinois Geological Survey
Telephone: 217-333-4747

Illinois Private Well Database and PICS (Public, Industrial, Commercial Survey)
Source: Illinois State Water Survey
Telephone: 217-333-9043

Water Well Location Information
Source: Illinois Environmental Protection Agency
Telephone: 217-782-0810

RADON

State Database: IL Radon
Source: Department of Nuclear Safety
Telephone: 217-785-9958
County Radon Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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CONTRACT

Addison/Wisconsin/Madison Improvements
741 S Wisconsin Ave
Villa Park, IL 60181

Inquiry Number: 7289426.3
March 27, 2023

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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CONTRACT

Certified Sanborn® Map Report

03/27/23

Site Name:

Addison/Wisconsin/Madison Im
741 S Wisconsin Ave
Villa Park, IL 60181
EDR Inquiry # 7289426.3

Client Name:

V3 Companies of IL, LTD
7325 Janes Avenue
Woodridge, IL 60517
Contact: Jonathan D Shuptar

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by V3 Companies of IL, LTD were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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Certified Sanborn Results:

Certification # 146E-48A3-9D05

PO # 16295.JPI_FINAL - N23 - 02

Project Addison/Wisconsin/Madison Impr

Maps Provided:

1954
1947
1933

Sanborn® Library search results

Certification #: 146E-48A3-9D05

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- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

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Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1954 Source Sheets



Volume 1, Sheet 9
1954

1947 Source Sheets



Volume 1, Sheet 9
1947

1933 Source Sheets



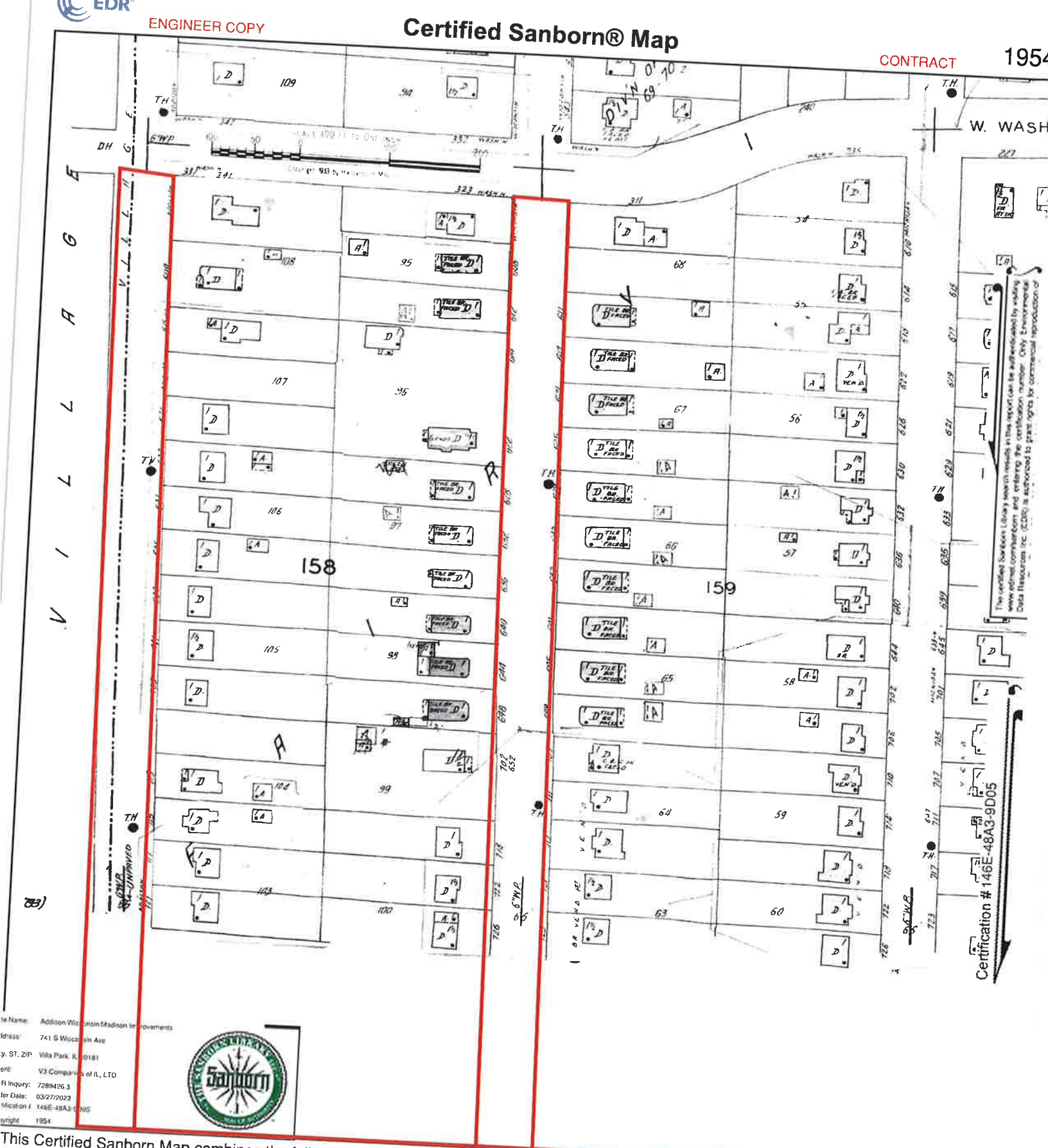
Volume 1, Sheet 9
1933

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Certified Sanborn® Map

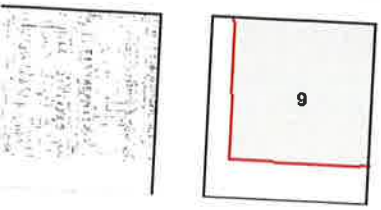
CONTRACT

1954



Name: Addison Wisconsin Madison Improvements
Address: 741 S Wisconsin Ave
City, ST, ZIP: Villa Park, IL, 60181
Client: V3 Companies of IL, LTD
FR Inquiry: 7289426.3
Order Date: 03/27/2023
Certification #: 146E-48A3-9D05
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Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 9

0 Feet 150 300 600

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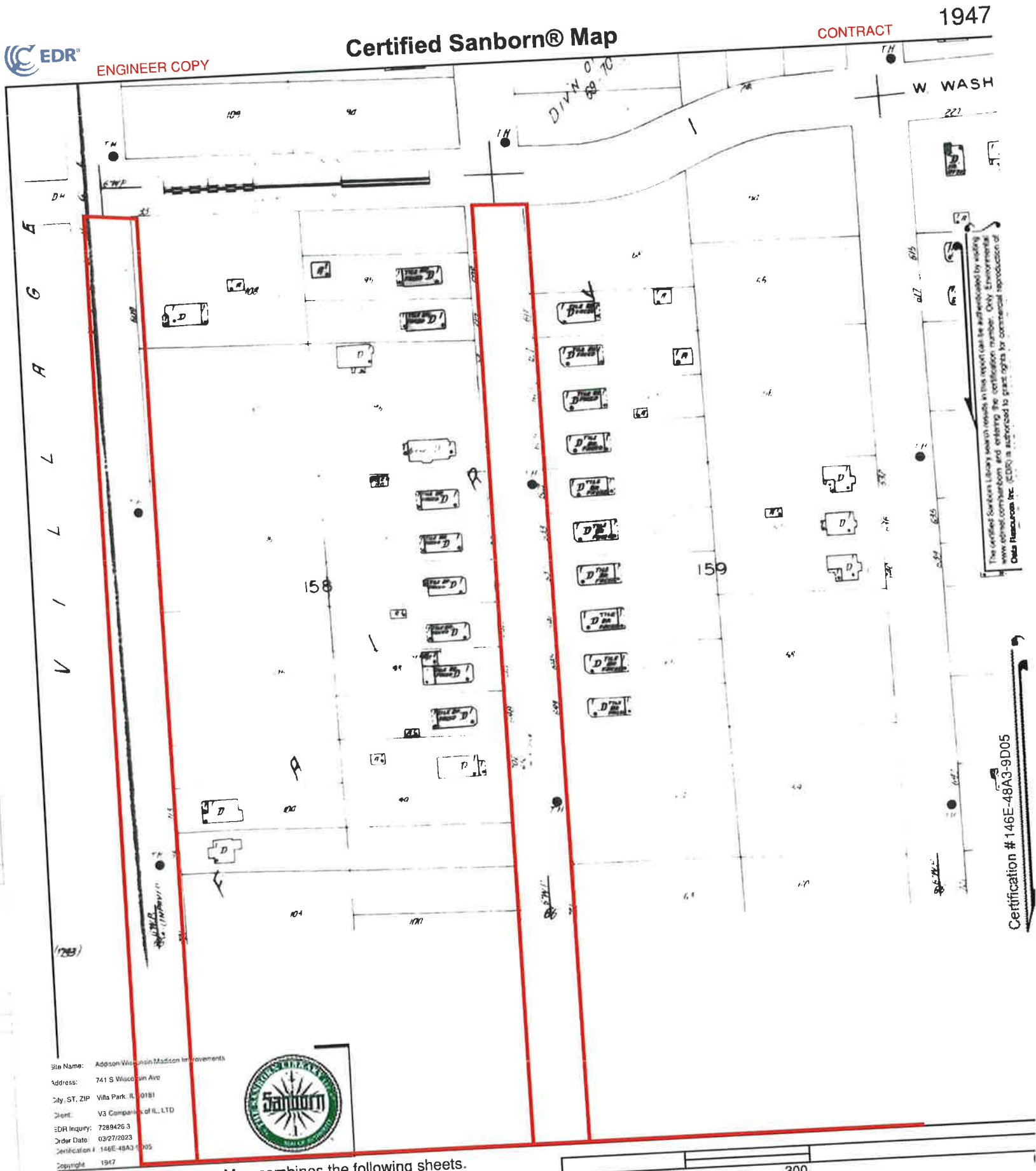
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Certified Sanborn® Map

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1947



Site Name: Addison/Wisconsin/Madison Improvements
Address: 741 S Wisconsin Ave
City, ST, ZIP: Villa Park, IL 60181
Client: V3 Companies of IL, LTD
EDR Inquiry: 7289426.3
Order Date: 03/27/2023
Certification #: 146E-48A3-9D05
Copyright: 1947

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Volume 1, Sheet 9



0 Feet 150 300

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Certified Sanborn® Map

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Address: 741 S Wisconsin Ave
City, ST, ZIP: Villa Park, IL 60181
Owner: V3 Companies of IL, LTD
EDR Inquiry: 7289426.3
Order Date: 03/27/2023
Certification #: 146E-48A3-9D05
Copyright: 1933

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Volume 1, Sheet 9

0 Feet 150 300 600

N

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Addison/Wisconsin/Madison Improvements

741 S Wisconsin Ave

Villa Park, IL 60181

Inquiry Number: 7289426.5

March 24, 2023

The EDR Aerial Photo Decade Package

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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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EDR Aerial Photo Decade Package

CONTRACT 08/24/23

Site Name:

Addison/Wisconsin/Madison Inr
741 S Wisconsin Ave
Villa Park, IL 60181
EDR Inquiry # 7289426.5

Client Name:

V3 Companies of IL, LTD
7325 Janes Avenue
Woodridge, IL 60517
Contact: Jonathan D Shuptar

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Search Results:

Year	Scale	Details	Source
2019	1"=500'	Flight Year: 2019	USDA/NAIP
2015	1"=500'	Flight Year: 2015	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1999	1"=500'	Acquisition Date: January 01, 1999	USGS/DOQQ
1998	1"=500'	Acquisition Date: January 01, 1998	USGS/DOQQ
1993	1"=500'	Acquisition Date: April 17, 1993	USGS/DOQQ
1988	1"=500'	Flight Date: April 30, 1988	NAPP
1981	1"=500'	Flight Date: November 07, 1981	NHAP
1974	1"=500'	Flight Date: October 10, 1974	USDA
1972	1"=500'	Flight Date: October 26, 1972	USGS
1962	1"=500'	Flight Date: April 20, 1962	USGS
1954	1"=500'	Flight Date: October 24, 1954	USDA
1952	1"=500'	Flight Date: April 08, 1952	USGS
1946	1"=500'	Flight Date: July 18, 1946	USGS
1939	1"=500'	Flight Date: August 24, 1939	USDA

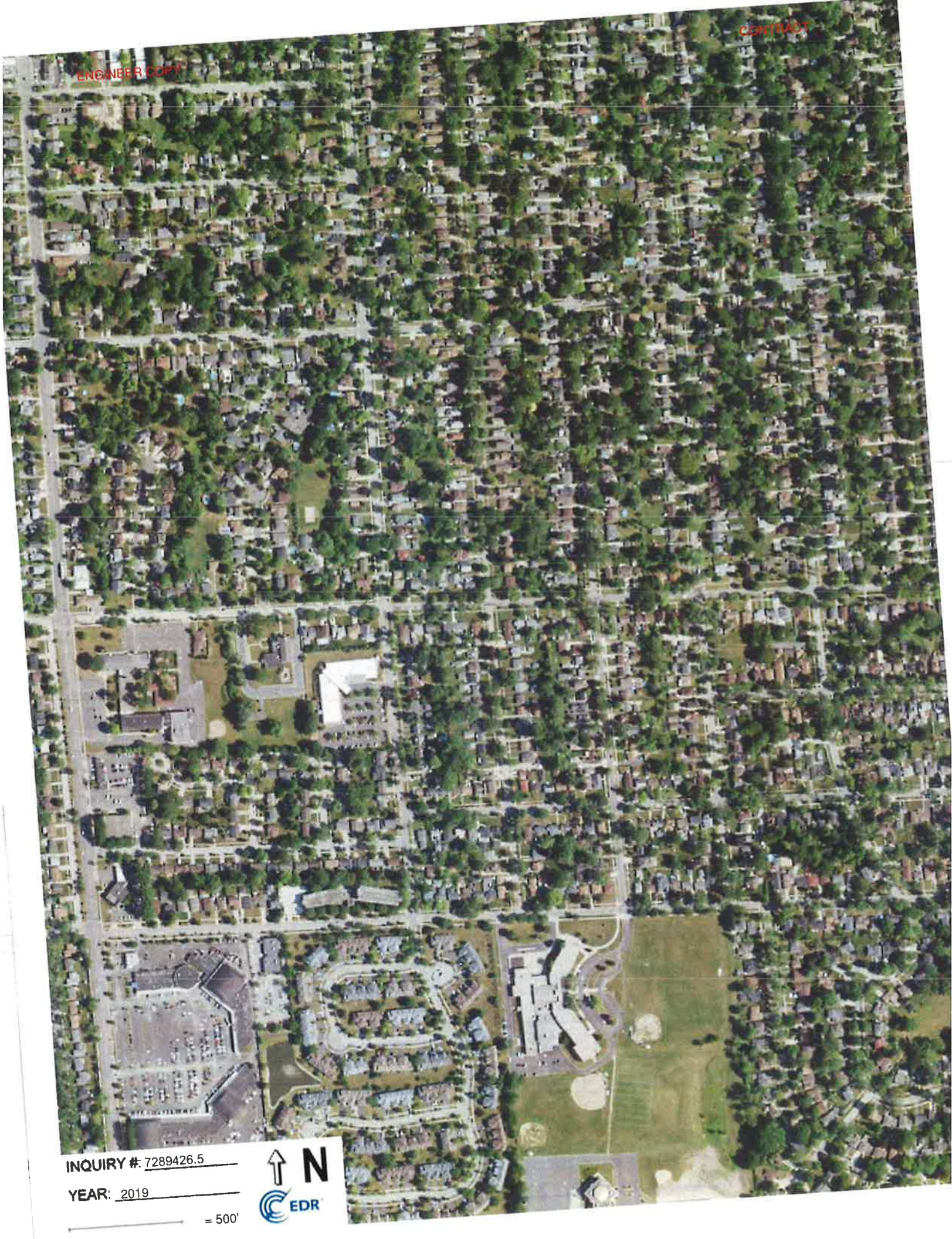
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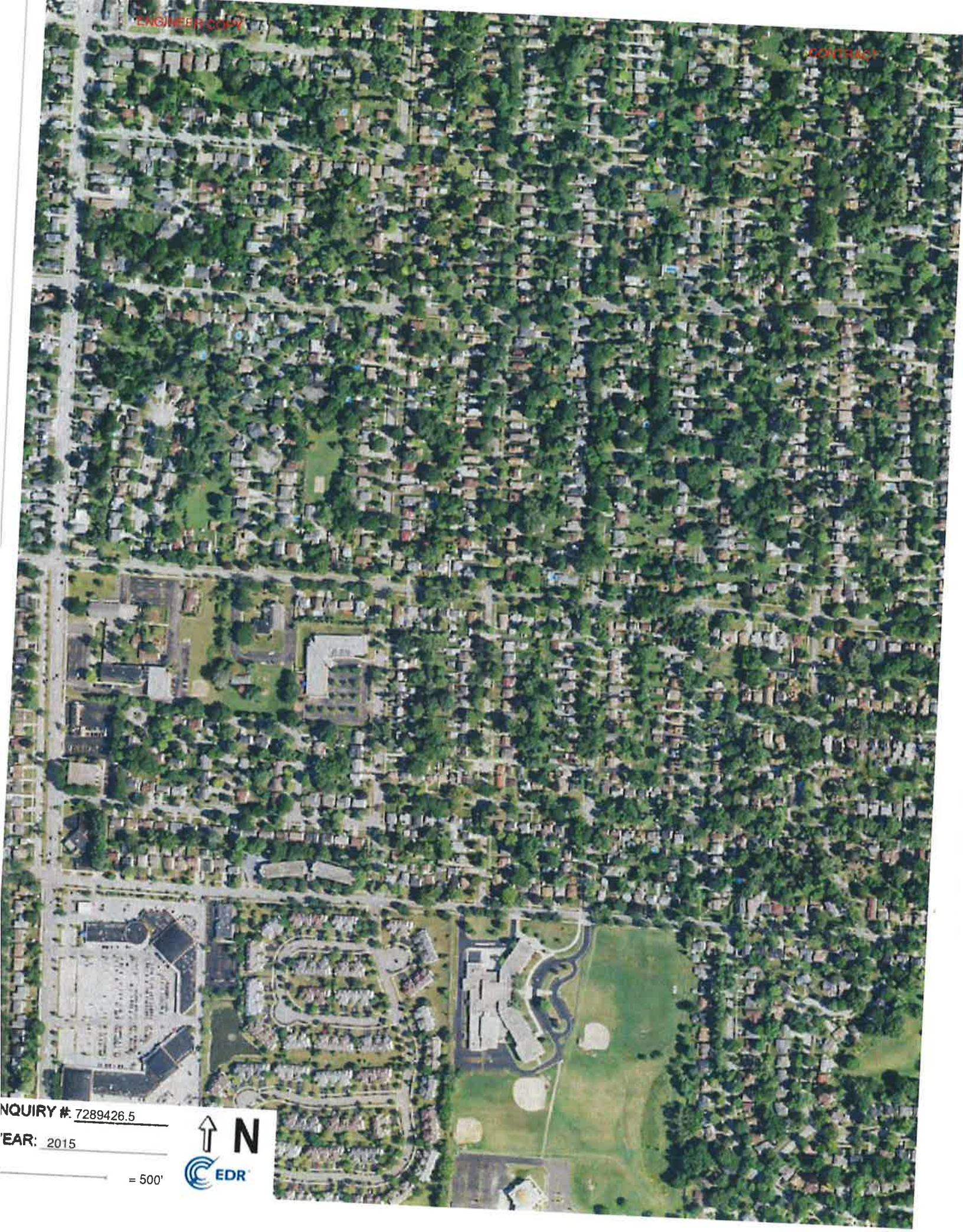
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CONTRACT
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EDR


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EAR: 2015
= 500'
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EDR



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YEAR: 2012

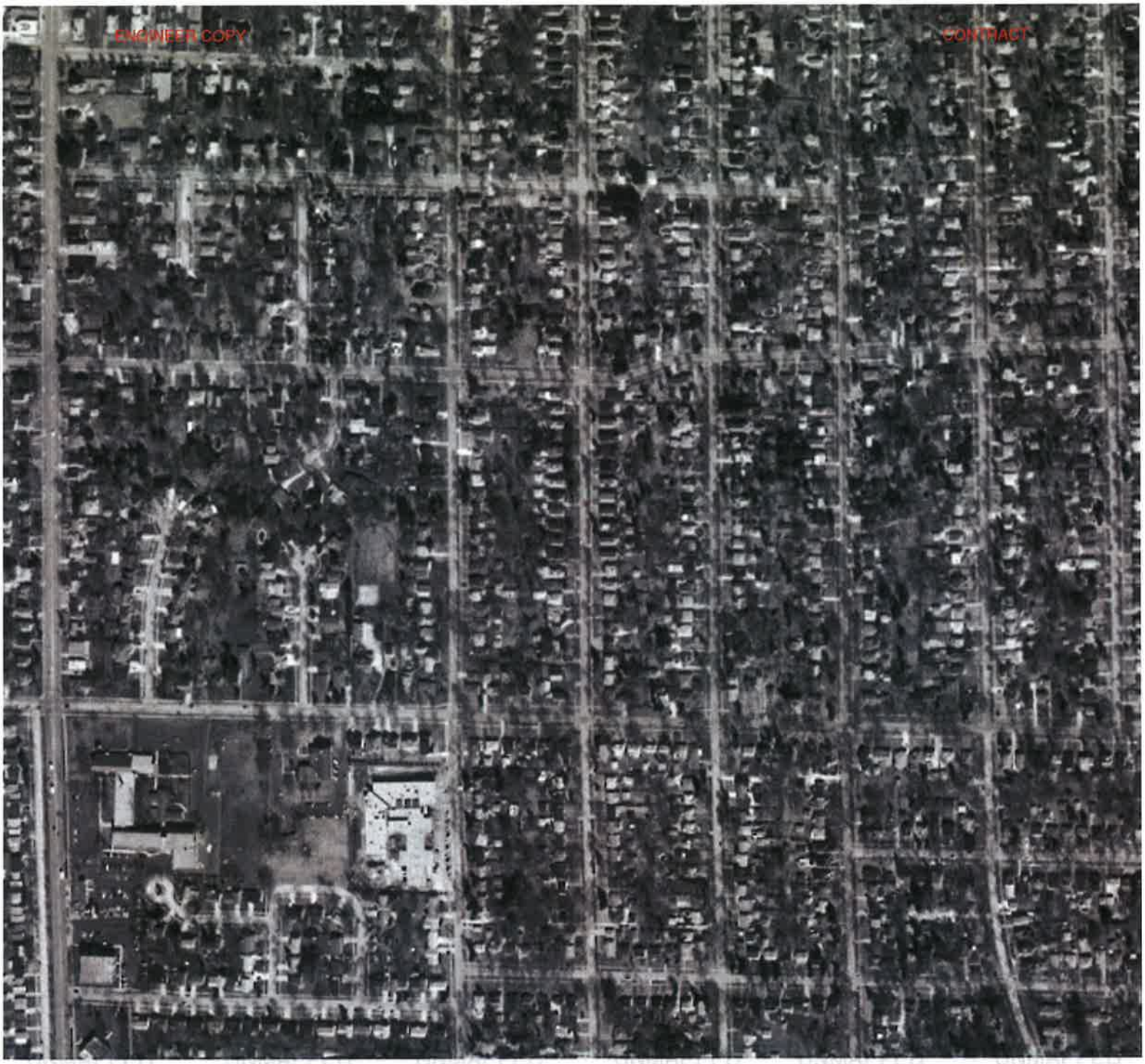
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YEAR: 2006
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INQUIRY #: 7289426.5

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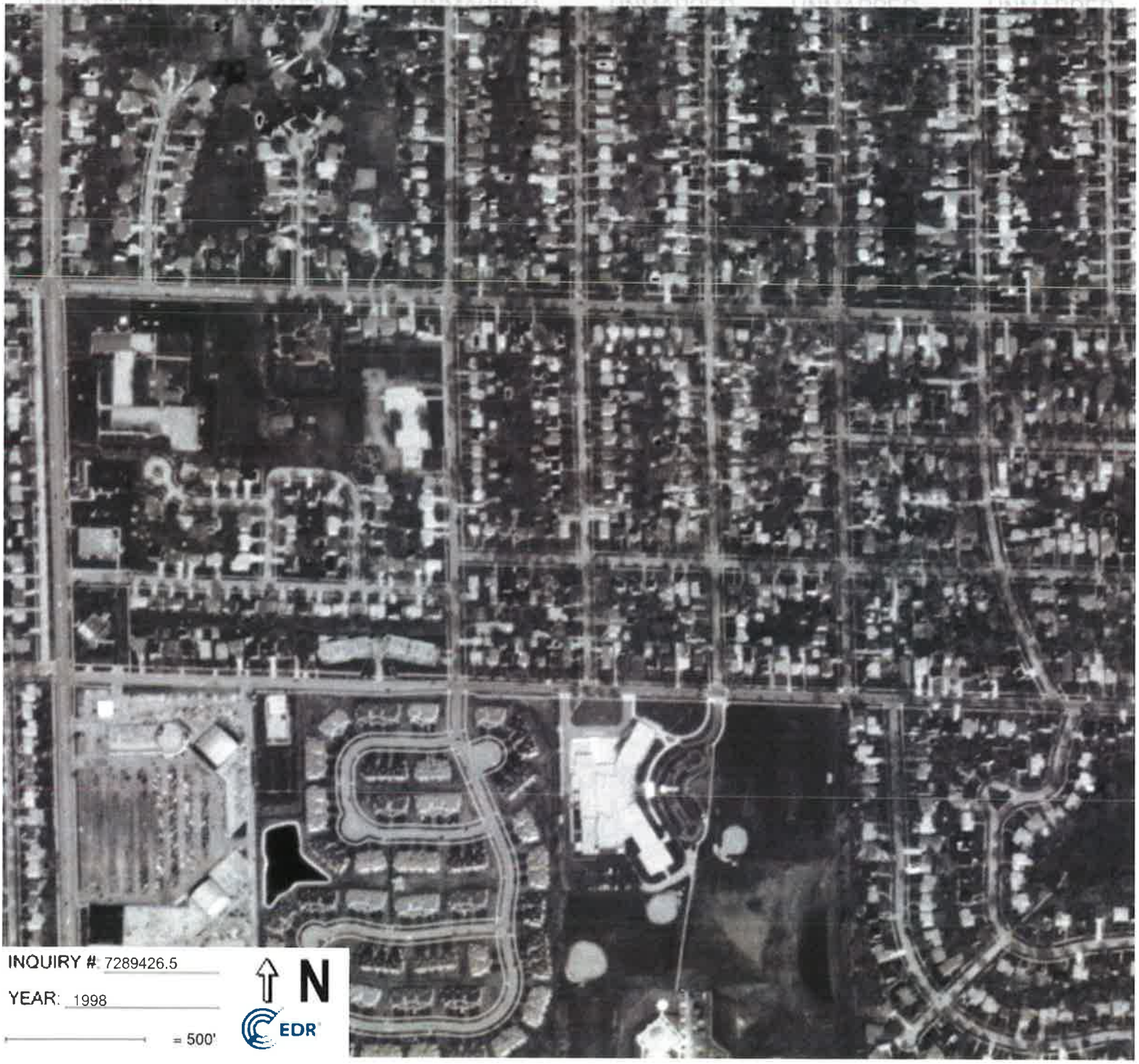
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UNMAPPED



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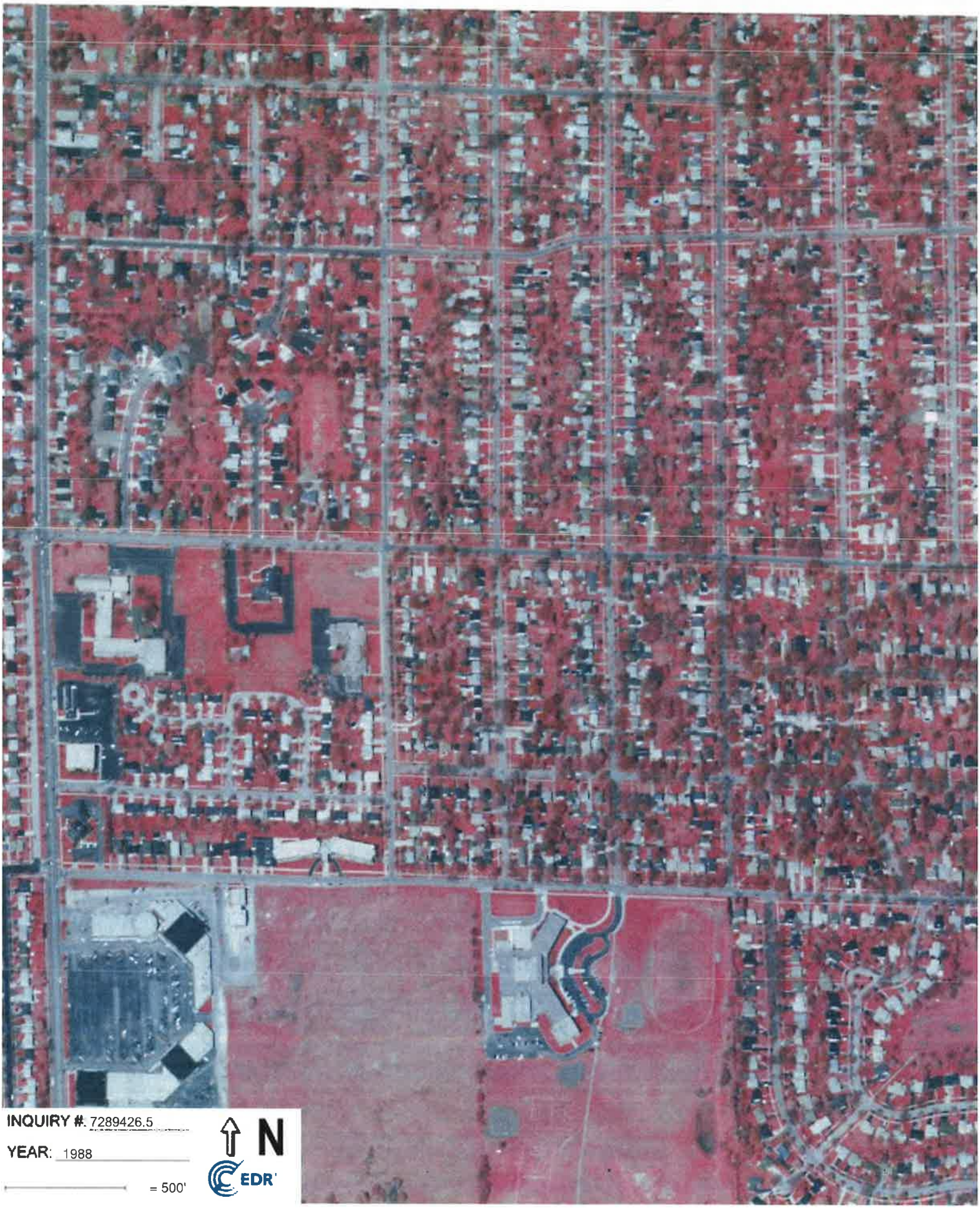
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EDR


DRAINAGE COPY
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EDR
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YEAR: 1988

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EDR



INQUIRY #: 7289426.5

YEAR: 1981

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EDR

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INQUIRY #: 7289426.5

YEAR: 1974

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EDR


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YEAR: 1972
= 500'
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EDR



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YEAR: 1962

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EDR



INQUIRY #: 7289426.5

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EDR



INQUIRY #: 7289426.5

YEAR: 1952

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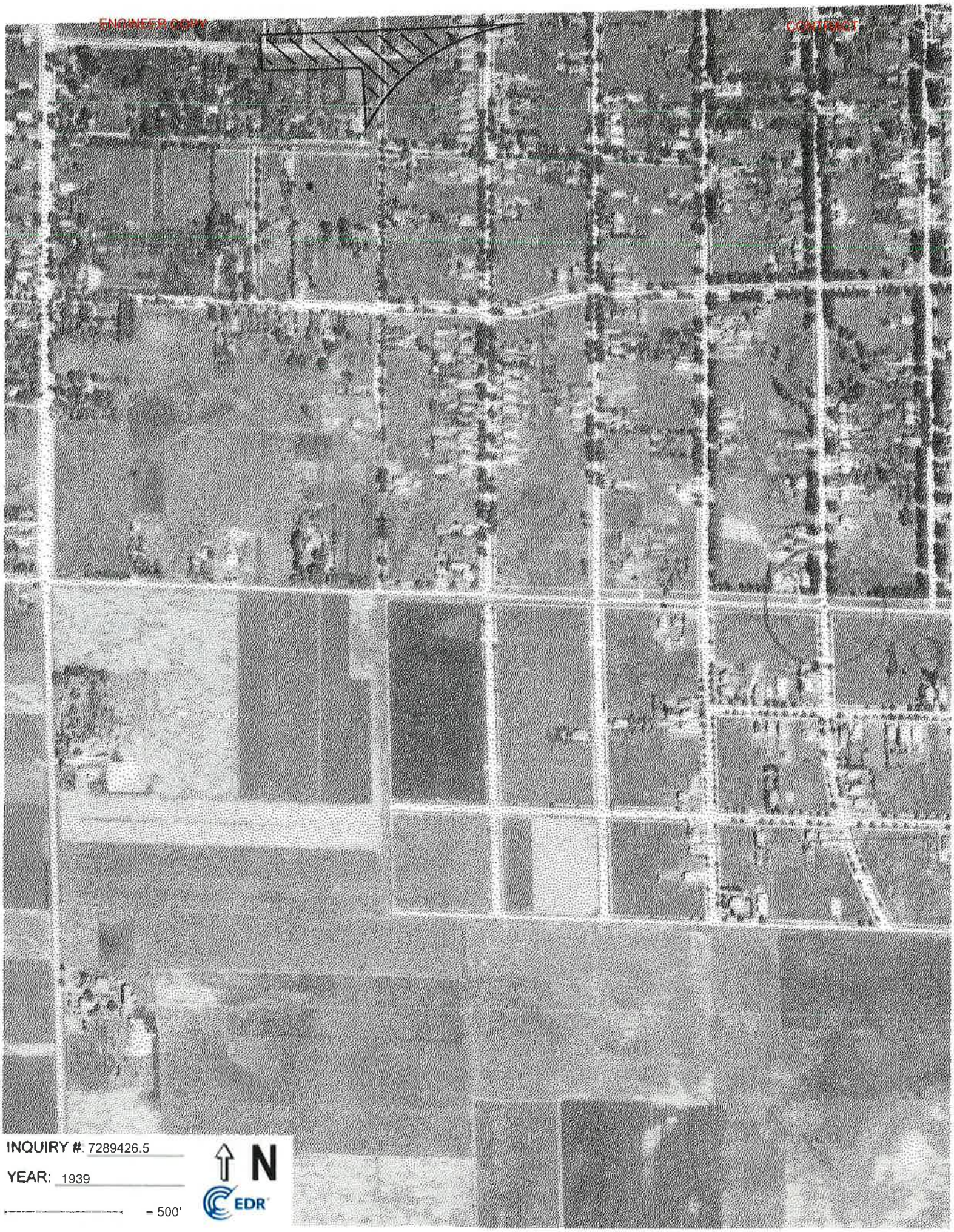
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EDR



INQUIRY #: 7289426.5

YEAR: 1939

= 500'

N

EDR

APPENDIX F

STORMWATER POLLUTION PREVENTION PLAN

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Illinois Department of Transportation

Storm Water Pollution Prevention Plan

CONTRACT

Route	Marked Route	Section Number

Project Number	County	Contract Number

This plan has been prepared to comply with the provisions of the National Pollutant Discharge Elimination System (NPDES) Permit No. ILR10 (Permit ILR10), issued by the Illinois Environmental Protection Agency (IEPA) for storm water discharges from construction site activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature	Date

Print Name	Title	Agency
Michael Guerra	Public Works Director	Village of Villa Park

Note: Guidance on preparing each section of BDE 2342 can be found in Chapter 41 of the IDOT Bureau of Design and Environment (BDE) Manual. Chapter 41 and this form also reference the IDOT Drainage Manual which should be readily available.

I. Site Description:

A. Provide a description of the project location; include latitude and longitude, section, town, and range:

Addison Av from Madison St to Washington St; Madison St from Addison Av to Michigan Av; Wisconsin Av from Jackson St to Washington St. 41°52'30.3"N 87°59'13.0"W, Section 09Township 39 North, Range 11 East

B. Provide a description of the construction activity which is the subject of this plan. Include the number of construction stages, drainage improvements, in-stream work, installation, maintenance, removal of erosion measures, and permanent stabilization:

Roadway reconstruction and relief storm sewer installation

C. Provide the estimated duration of this project:

9 months

D. The total area of the construction site is estimated to be 8.5 acres.

The total area of the site estimated to be disturbed by excavation, grading or other activities is 5.5 acres.

E. The following are weighted averages of the runoff coefficient for this project before and after construction activities are completed; see Section 4-102 of the IDOT Drainage Manual:

0.7 both before and after construction

F. List all soils found within project boundaries; include map unit name, slope information, and erosivity:

854B (Markham-Ashkum-Beecher, 1-6%), 805B (Orthents), 531B (Markham Silt Loam, 2-4%), 223 (Varna Silt Loam, 2-4%)

G. If wetlands were delineated for this project, provide an extent of wetland acreage at the site; see Phase I report:

N/A

H. Provide a description of potentially erosive areas associated with this project:

Excavations and parkways.

I. The following is a description of soil disturbing activities by stages, their locations, and their erosive factors (e.g., steepness of slopes, length of slopes, etc.):

After removing the existing pavement and excavating for the storm sewer construction, the exposed soil will be susceptible to erosion from storm events.

J. See the erosion control plans and/or drainage plans for this contract for information regarding drainage patterns, approximate slopes anticipated before and after major grading activities, locations where vehicles enter or exit the site and controls to prevent offsite sediment tracking (to be added after contractor identifies locations), areas of soil disturbance, the location of major structural and non-structural controls identified in the plan, the location of areas where stabilization practices are expected to occur, surface waters (including wetlands) , and locations where storm water is discharged to surface water including wetlands.

K. Identify who owns the drainage system (municipality or agency) this project will drain into:

Village of Villa Park

L. The following is a list of General NPDES ILR40 permittees within whose reporting jurisdiction this project is located:

Village of Villa Park

M. The following is a list of receiving water(s) and the ultimate receiving water(s) for this site. In addition, include receiving waters that are listed as Biologically Significant Streams by the Illinois Department of Natural Resources (IDNR). The location of the receiving waters can be found on the erosion and sediment control plans:

Runoff is directly tributary to existing storm sewers which ultimately discharge into Sugar Creek.

N. Describe areas of the site that are to be protected or remain undisturbed. These areas may include steep slopes (i.e., 1:3 or steeper), highly erodible soils, streams, stream buffers, specimen trees, natural vegetation, nature preserves, etc. Include any commitments or requirements to protect adjacent wetlands.

For any storm water discharges from construction activities within 50-feet of Waters of the U.S. (except for activities for water-dependent structures authorized by a Section 404 permit, describe: a) How a 50-foot undisturbed natural buffer will be provided between the construction activity and the Waters of the U.S. or b) How additional erosion and sediment controls will be provided within that area.

This work is not adjacent to or within 50-feet of protected areas or steep slopes. Areas adjacent to work include residential properties outside the ROW and will be protected if runoff will flow towards out of the ROW.

O. Per the Phase I document, the following sensitive environmental resources are associated with this project and may have the potential to be impacted by the proposed development. Further guidance on these resources is available in Section 41-4 of the BDE Manual.

n/a - no sensitive environments have been identified

☐ 303(d) Listed receiving waters for suspended solids, turbidity, or siltation.
The name(s) of the listed water body, and identification of all pollutants causing impairment:

n/a

Provide a description of how erosion and sediment control practices will prevent a discharge of sediment resulting from a storm event equal to or greater than a twenty-five (25) year, twenty-four (24) hour rainfall event:

Erosion and sediment control included in the design include inlet filter baskets, silt fence, tree protection and erosion control blanket.

Provide a description of the location(s) of direct discharge from the project site to the 303(d) water body:

n/a

Provide a description of the location(s) of any dewatering discharges to the MS4 and/or water body:

n/a

☐ Applicable Federal, Tribal, State, or Local Programs

n/a

☐ Floodplain

n/a

☐ Historic Preservation

n/a

☐ Receiving waters with Total Maximum Daily Load (TMDL) for sediment, total suspended solids, turbidity or siltation

TMDL (fill out this section if checked above)

The name(s) of the listed water body:

n/a

Provide a description of the erosion and sediment control strategy that will be incorporated into the site design that is consistent with the assumptions and requirements of the TMDL:

If a specific numeric waste load allocation has been established that would apply to the project's discharges, provide a description of the necessary steps to meet that allocation:

☐ Threatened and Endangered Species/Illinois Natural Areas (INAI)/Nature Preserves

n/a - EcoCAT shows no record of State-listed threatened or endangered species

☐ Other

n/a

☐ Wetland

n/a

P. The following pollutants of concern will be associated with this construction project:

- ☐ Antifreeze / Coolants
- ☒ Concrete
- ☒ Concrete Curing Compounds
- ☒ Concrete Truck Waste
- ☒ Fertilizers / Pesticides
- ☐ Paints
- ☒ Petroleum (gas, diesel, oil, kerosene, hydraulic oil / fluids)
- ☒ Soil Sediment
- ☒ Solid Waste Debris
- ☒ Solvents
- ☒ Waste water from cleaning construction equipments
- ☐ Other (Specify) _____
- ☐ Other (Specify) _____
- ☐ Other (Specify) _____
- ☐ Other (Specify) _____
- ☐ Other (Specify) _____

II. Controls:

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This section of the plan addresses the controls that will be implemented for each of the major construction activities described in Section I.C above and for all use areas, borrow sites, and waste sites. For each measure discussed, the Contractor will be responsible for its implementation as indicated. The Contractor shall provide to the Resident Engineer a plan for the implementation of the measures indicated. The Contractor, and subcontractors, will notify the Resident Engineer of any proposed changes, maintenance, or modifications to keep construction activities compliant with the Permit ILR10. Each such Contractor has signed the required certification on forms which are attached to, and are a part of, this plan:

A. **Erosion and Sediment Controls:** At a minimum, controls must be coordinated, installed and maintained to:

1. Minimize the amount of soil exposed during construction activity;
2. Minimize the disturbance of steep slopes;
3. Maintain natural buffers around surface waters, direct storm water to vegetated areas to increase sediment removal and maximize storm water infiltration, unless infeasible;
4. Minimize soil compaction and, unless infeasible, preserve topsoil.

B. **Stabilization Practices:** Provided below is a description of interim and permanent stabilization practices, including site- specific scheduling of the implementation of the practices. Site plans will ensure that existing vegetation is preserved where attainable and disturbed portions of the site will be stabilized. Stabilization practices may include but are not limited to: temporary seeding, permanent seeding, mulching, geotextiles, sodding, vegetative buffer strips, protection of trees, preservation of mature vegetation, and other appropriate measures. Except as provided below in II.B.1 and II.B.2, stabilization measures shall be initiated **immediately** where construction activities have temporarily or permanently ceased, but in no case more than **one (1) day** after the construction activity in that portion of the site has temporarily or permanently ceases on all disturbed portions of the site where construction will not occur for a period of fourteen (14) or more calendar days.

1. Where the initiation of stabilization measures is precluded by snow cover, stabilization measures shall be initiated as soon as practicable.

2. On areas where construction activity has temporarily ceased and will resume after fourteen (14) days, a temporary stabilization method can be used.

The following stabilization practices will be used for this project:

- ☐ Erosion Control Blanket / Mulching
- ☒ Geotextiles
- ☐ Permanent Seeding
- ☒ Preservation of Mature Seeding
- ☒ Protection of Trees
- ☒ Sodding
- ☒ Temporary Erosion Control Seeding
- ☐ Temporary Turf (Seeding, Class 7)
- ☐ Temporary Mulching
- ☐ Vegetated Buffer Strips
- ☐ Other (Specify) _____
- ☐ Other (Specify) _____
- ☐ Other (Specify) _____
- ☐ Other (Specify) _____

Describe how the stabilization practices listed above will be utilized during construction:

Areas outside the pavement will be permanently stabilized with sod after construction of roadway items and sideawlk is compelte. A geotechnical fabric will be used under the road for ground stabilization.

Describe how the stabilization practices listed above will be utilized after construction activities have been completed:

The contractor will provide supplemental watering to permanent sod locations as needed. Temporary measures will be removed once sod has established.

C. **Structural Practices:** Provided below is a description of structural practices that will be implemented, to the degree attainable, to divert flows from exposed soils, store flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Such practices may include but are not limited to: perimeter erosion barrier, earth dikes, drainage swales, sediment traps, ditch checks, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, and temporary or permanent sediment basins. The installation of these devices may be subject to Section 404 of the Clean Water Act.

- ☐ Aggregate Ditch
- ☐ Concrete Revetment Mats
- ☐ Dust Suppression
- ☐ Dewatering Filtering
- ☐ Gabions
- ☐ In-Stream or Wetland Work
- ☐ Stabilized Construction Exits
- ☐ Stabilized Trench Flow
- ☐ Slope Mattress
- ☐ Slope Walls
- ☐ Temporary Ditch Check
- ☐ Temporary Pipe Slope Drain

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- ☐ Level Spreaders
- ☐ Paved Ditch
- ☐ Permanent Check Dams
- ☒ Perimeter Erosion Barrier
- ☐ Permanent Sediment Basin
- ☐ Retaining Walls
- ☐ Riprap
- ☐ Rock Outlet Protection
- ☐ Sediment Trap
- ☒ Storm Drain Inlet Protection
- ☐ Temporary Sediment Basin
- ☐ Temporary Stream Crossing
- ☐ Turf Reinforcement Mats
- ☐ Other (Specify) _____
- ☐ Other (Specify) _____
- ☐ Other (Specify) _____
- ☐ Other (Specify) _____
- ☐ Other (Specify) _____
- ☐ Other (Specify) _____
- ☐ Other (Specify) _____

Describe how the structural practices listed above will be utilized during construction:

Perimeter erosion barrier will be placed in areas sloping away from the project. Storm structures within the work are and adjacent to the work area will be protected with inlet filters.

Describe how the structural practices listed above will be utilized after construction activities have been completed:

The structural practices listed will remain in place until the sod has established as stabilized vegetation.

D. **Treatment Chemicals**

Will polymer flocculants or treatment chemicals be utilized on this project: ☐ Yes ☒ No

If *yes* above, identify where and how polymer flocculants or treatment chemicals will be utilized on this project.

Polymer flocculants are not planned to be used on this project.

E. **Permanent (i.e., Post-Construction) Storm Water Management Controls:** Provided below is a description of measures that will be installed during the construction process to control volume and pollutants in storm water discharges that will occur after construction operations have been completed.The installation of these devices may be subject to Section 404 of the Clean Water Act.

1. Such practices may include but are not limited to: storm water detention structures (including wet ponds), storm water retention structures, flow attenuation by use of open vegetated swales and natural depressions, infiltration of runoff on site, and sequential systems (which combine several practices).

   The practices selected for implementation were determined based on the technical guidance in Chapter 41 (Construction Site Storm Water Pollution Control) of the IDOT BDE Manual. If practices other than those discussed in Chapter 41 are selected for implementation or if practices are applied to situations different from those covered in Chapter 41, the technical basis for such decisions will be explained below.

2. Velocity dissipation devices will be placed at discharge locations and along the length of any outfall channel as necessary to provide a non-erosive velocity flow from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected (e.g., maintenance of hydrologic conditions such as the hydroperiod and hydrodynamics present prior to the initiation of construction activities).

Description of permanent storm water management controls:

Runoff from the project areas will be directed to the existing storm sewers. No outfall protection is required for this project.

F. **Approved State or Local Laws:** The management practices, controls and provisions contained in this plan will be in accordance with IDOT specifications, which are at least as protective as the requirements contained in the IEPA's Illinois Urban Manual. Procedures and requirements specified in applicable sediment and erosion site plans or storm water management plans approved by local officials shall be described or incorporated by reference in the space provided below. Requirements specified in sediment and erosion site plans, site permits, storm water management site plans or site permits approved by local officials that are applicable to protecting surface water resources are, upon submittal of an NOI, to be authorized to discharge under the Permit ILR10 incorporated by reference and are enforceable under this permit even if they are not specifically included in the plan.
Description of procedures and requirements specified in applicable sediment and erosion site plans or storm water management plans approved by local officials:

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All management practices, controls, and other provisions provided in this plan are in accordance with IDOT Standard Specficiations for Road and Bridge Construction.

G. **Contractor Required Submittals:** Prior to conducting any professional services at the site covered by this plan, the Contractor and each subcontractor responsible for compliance with the permit shall submit to the Resident Engineer a Contractor Certification Statement, BDE 2342A.

1. The Contractor shall provide a construction schedule containing an adequate level of detail to show major activities with implementation of pollution prevention BMPs, including the following items:
   - Approximate duration of the project, including each stage of the project
   - Rainy season, dry season, and winter shutdown dates
   - Temporary stabilization measures to be employed by contract phases
   - Mobilization time-frame
   - Mass clearing and grubbing/roadside clearing dates
   - Deployment of Erosion Control Practices
   - Deployment of Sediment Control Practices (including stabilized cons
   - Deployment of Construction Site Management Practices (including concrete washout facilities, chemical storage, refueling locations, etc.)
   - Paving, saw-cutting, and any other pavement related operations
   - Major planned stockpiling operation
   - Time frame for other significant long-term operations or activities that may plan non-storm water discharges as dewatering, grinding, etc
   - Permanent stabilization activities for each area of the project
2. During the pre-construction meeting, the Contractor and each subcontractor shall provide, as an attachment to their signed Contractor Certification Statement, a discussion of how they will comply with the requirements of the permit in regard to the following items and provide a graphical representation showing location and type of BMPs to be used when applicable:
   - Temporary Ditch Checks - Identify what type and the source of Temporary Ditch Checks that will be installed as part of the project. The installation details will then be included with the SWPPP.
   - Vehicle Entrances and Exits - Identify type and location of stabilized construction entrances and exits to be used and how they will be maintained.
   - Material Delivery, Storage and Use - Discuss where and how materials including chemicals, concrete curing compounds, petroleum products, etc. will be stored for this project.
   - Stockpile Management - Identify the location of both on-site and off-site stockpiles. Discuss what BMPs will be used to prevent pollution of storm water from stockpiles.
   - Waste Disposal - Discuss methods of waste disposal that will be used for this project.
   - Spill Prevention and Control - Discuss steps that will be taken in the event of a material spill (chemicals, concrete curing compounds, petroleum, etc.)
   - Concrete Residuals and Washout Wastes - Discuss the location and type of concrete washout facilities to be used on this project and how they will be signed and maintained.
   - Litter Management - Discuss how litter will be maintained for this project (education of employees, number of dumpsters, frequency of dumpster pick-up, etc.).
   - Vehicle and Equipment Fueling - Identify equipment fueling locations for this project and what BMPs will be used to ensure containment and spill prevention.
   - Vehicle and Equipment Cleaning and Maintenance - Identify where equipment cleaning and maintenance locations for this project and what BMPs will be used to ensure containment and spill prevention.
   - Dewatering Activities - Identify the controls which will be used during dewatering operations to ensure sediments will not leave the construction site.
   - Polymer Flocculants and Treatment Chemicals - Identify the use and dosage of treatment chemicals and provide the Resident Engineer with Material Safety Data Sheets. Describe procedures on how the chemicals will be used and identify who will be responsible for the use and application of these chemicals. The selected individual must be trained on the established procedures.
   - Additional measures indicated in the plan.

III. Maintenance:

When requested by the Contractor, the Resident Engineer will provide general maintenance guides (e.g., IDOT Erosion and Sediment Control Field Guide) to the Contractor for the practices associated with this project. Describe how all items will be checked for structural integrity, sediment accumulation and functionality. Any damage or undermining shall be repaired immediately. Provide specifics on how repairs will be made. The following additional procedures will be used to maintain, in good and effective operating conditions, the vegetation, erosion and sediment control measures and other protective measures identified in this plan. It will be the Contractor's responsibility to attain maintenance guidelines for any manufactured BMPs which are to be installed and maintained per manufacture's specifications.

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Erosion and sediment control measures should be inspected at least once a week and after any rainfall event of greater than 0.5 inches or equivalent snowfall. The contractor is responsible for maintenance of the erosion control system.

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IV. Inspections:

Qualified personnel shall inspect disturbed areas of the construction site including Borrow, Waste, and Use Areas, which have not yet been finally stabilized, structural control measures, and locations where vehicles and equipment enter and exit the site using IDOT Storm Water Pollution Prevention Plan Erosion Control Inspection Report, BC 2259. Such inspections shall be conducted at least once every seven (7) calendar days and within twenty-four (24) hours of the end of a storm or by the end of the following business or work day that is 0.5 inch or greater or equivalent snowfall.

Inspections may be reduced to once per month when construction activities have ceased due to frozen conditions. Weekly inspections will recommence when construction activities are conducted, or if there is 0.5" or greater rain event, or a discharge due to snowmelt occurs.

If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer shall notify the appropriate IEPA Field Operations Section office by email at: epa.swnoncomp@illinois.gov, telephone or fax within twenty-four (24) hours of the incident. The Resident Engineer shall then complete and submit an "Incidence of Non-Compliance" (ION) report for the identified violation within five (5) days of the incident. The Resident Engineer shall use forms provided by IEPA and shall include specific information on the cause of noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of non-compliance shall be signed by a responsible authority in accordance with Part VI. G of the Permit ILR10.

The Incidence of Non-Compliance shall be mailed to the following address:
Illinois Environmental Protection Agency
Division of Water Pollution Control
Attn: Compliance Assurance Section
1021 North Grand East
Post Office Box 19276
Springfield, Illinois 62794-9276

V. Failure to Comply:

Failure to comply with any provisions of this Storm Water Pollution Prevention Plan will result in the implementation of a National Pollutant Discharge Elimination System/Erosion and Sediment Control Deficiency Deduction against the Contractor and/or penalties under the Permit ILR10 which could be passed on to the Contractor.

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JACKSON AREA IMPROVEMENT PROJECT
VILLAGE OF VILLA PARK

APPENDIX G

FEDERAL DAVIS-BACON PREVAILING WAGE RATES

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"General Decision Number: IL20240011 10/18/2024

Superseded General Decision Number: IL20230011

State: Illinois

Construction Types: Heavy and Highway

Counties: Boone, De Kalb, Du Page, Kane, Kendall, Lake, McHenry and Will Counties in Illinois.

HEAVY AND HIGHWAY CONSTRUCTION PROJECTS (does not include landscape projects).

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	. Executive Order 14026 generally applies to the contract. . The contractor must pay all covered workers at least $17.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2024.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	. Executive Order 13658 generally applies to the contract. . The contractor must pay all covered workers at least $12.90 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2024.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at http://www.dol.gov/whd/govcontracts.

Modification Number Publication Date

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0	01/05/2024
1	04/05/2024
2	05/17/2024
3	05/31/2024
4	06/07/2024
5	06/14/2024
6	06/28/2024
7	07/05/2024
8	07/19/2024
9	07/26/2024
10	08/16/2024
11	08/30/2024
12	09/13/2024
13	09/20/2024
14	09/27/2024
15	10/04/2024
16	10/18/2024

CARP0555-003 06/01/2022

DUPAGE ANE LAKE COUNTIES

	Rates	Fringes
CARPENTER		
Building	$ 52.01	38.85
Heavy & Highway	$ 52.01	38.85

CARP0555-008 06/01/2020

WILL COUNTY

	Rates	Fringes
Carpenter and Piledriver	$ 49.76	38.26

CARP0555-011 06/01/2022

KANE, McHENRY (North of Hwy 52), AND KENDALL COUNTIES

	Rates	Fringes
Carpenter and Piledriver	$ 52.01	38.86

CARP0790-003 05/01/2024

DE KALB COUNTY

	Rates	Fringes
CARPENTER	$ 47.60	37.12

CARP0790-004 05/01/2024

CARROLL, JO DAVIESS, LEE, OGLE (Oregon and South thereof), STEPHENSON, and WHITESIDE COUNTIES

	Rates	Fringes
CARPENTER	$ 47.60	37.12

CARP0792-003 05/01/2024

BOONE COUNTY

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	Rates	Fringes
CARPENTER	$ 50.00	34.72

ELEC0009-002 05/26/2024

WILL COUNTY

	Rates	Fringes
Line Construction		
Groundman	$ 48.44	60.05%
Lineman and Equipment Operator	$ 62.10	60.05%

ELEC0117-001 06/03/2024

KANE (Northern Half) and McHENRY (All) COUNTIES

	Rates	Fringes
ELECTRICIAN	$ 55.99	41.00

ELEC0150-001 06/03/2024

LAKE COUNTY

	Rates	Fringes
ELECTRICIAN	$ 48.28	72.47%+15.47

ELEC0176-011 06/01/2023

WILL COUNTY

	Rates	Fringes
ELECTRICIAN	$ 52.00	45.01

ELEC0196-001 03/06/2023

BOONE, DEKALB, DUPAGE, KANE, KENDALL, LAKE, and MCHENRY COUNTIES

	Rates	Fringes
Line Construction		
Equipment Operator	$ 49.22	34%+7.00+A
Groundman Truck Driver	$ 39.19	34%+7.00+A
Groundman	$ 37.81	34%+7.00+A
Lineman, Substation Technician, Cable Splicing Technician, Digger Operator, Crane Operator 20 tons and above, and Signal Technician	$ 59.17	34%+7.00+A

FOOTNOTE: A. PAID HOLIDAYS: Memorial Day, Independence Day, Labor Day, and Thanksgiving Day

ELEC0364-003 06/03/2024

BOONE (All) & DEKALB (Remainder) COUNTIES

	Rates	Fringes
ELECTRICIAN	$ 58.00	42.48

ELEC0461-006 06/03/2024

DEKALB (Sandwich TWP), KANE (Southern Half) & KENDALL (All) COUNTIES

	Rates	Fringes
ELECTRICIAN	$ 57.32	41.10

ELEC0701-001 06/03/2019

DUPAGE COUNTY

	Rates	Fringes
ELECTRICIAN	$ 41.00	105.86%

ENGI0150-015 06/01/2024

BOONE and DE KALB COUNTIES

	Rates	Fringes
OPERATOR: Power Equipment		
Group 1	$ 52.40	49.50
Group 2	$ 51.85	49.50
Group 3	$ 50.55	49.50
Group 4	$ 49.10	49.50
Group 5	$ 47.65	49.50

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Asphalt Plant; Asphalt Heater and Planer combination; Asphalt Spreader; Asphalt Silo Tender; Autograder, GOMACO or similar; Belt Loader; Caisson Rigs; Car Dumper, Central Redi-Mix Plant; Combination Backhoe Front End Loader Machine (1 cu yd or over Backhoe bucket with attachments); Backhoe with Shear attachment; Concrete Breaker (truck mounted); Concrete Conveyor; Concrete Paver over 27E cu ft; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Hammerhead, Linden, Peco and machines of a like nature; Creter Crane; Crusher, stone; Derricks; Derrick Boats; Derricks, traveling; Dredges; Field Mechanic Welder; Formless Curb and Gutter Machine; Gradall and machines of a like nature; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver mounted; Hoists, one, two, and three Drum; Hydraulic Backhoes; Locomotive, all Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill-Crawler or Skid Rig; Rock Drill truck mounted; Roto Mill Grinder, 36"" and over; Roto Mill Grinder, less than 36""; Slip- Form Paver; Soil Test Drill Rig, truck mounted; Straddle Buggies; GCI Crane and similar; Hydraulic Telescoping Form (tunnel); Tie Back MAchine; Tractor Drawn Belt Loader: Tractor Drawn Belt Loader with attached Pusher; Tractor with boom; Tractaire with attachment; Traffic Barrier Conveyor Machine; Raised or Blind Hoe Drill (Tunnel & Shaft); Trenching Machine; Truck Mounted Concrete Pump with boom; Truck mounted Concrete Conveyor;

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Underground Boring and/or Mining Machines under 5 ft; Wheel Excavator & Widener (Apsco)

GROUP 2: Batch Plant; Bituminous Mixer; Bobcats over .75 cu yd; Boiler and Throttle Valve; Bulldozer; Car Loader Trailing Conveyors; Combination Backkhoe Front End Loader Machine, less than 1 cu yd Backhoe Bucket 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; Conveyor Muck Cars (Haglund or similar type); Finishing Machine-Concrete; Greaser Engineer; Highlift Shovels or Front End Loader; Hoist-Sewer Dragging Machine; Hydraulic Boom Trucks, all attachments; Locomotives, Dinky; Pump Cretes, Squeeze Cretes-Screw Type pumps, Gypsum Bulker and Pump; Roller Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc self-Propelled; Scoops-Tractor Drawn; Self-propelled Compactor; Spreader-Chip- Stone etc; Scraper; Scraper-Prime Mover in Tandem regardless of size (add $1.00 to to Group 2 hourly rate for each hour and for each machine attached thereto); Tank Car Heater; Tractors, Push, pulling Sheeps Foot, Disc, or Compactor, etc; Tug Boats

GROUP 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; Fireman on Boilers; Forklift Trucks; Grouting Machines; Hoists, Automatic; Hoists, all Elevators; Hoists, Tugger single Drum; Jeep Diggers; 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

GROUP 4: Air compressor - Small 185 and under (1 to 5 not to exceed a total of 300 ft); Air Compressor - Large over 185; Asphalt Spreader Backend Man; Combination - Small Equipment Operator; Generators - Small 50 kw and under; Generators - Large , over 50 kw; Heaters, Mechanical; Hydraulic power unit (Pile Driving, Extracting or Drilling); Light Plants All (1 to 5); Pumps, over 3"" (1 to 3, not to exceed a total of 300 ft); Pumps, Well Points; Tractaire; Welding Machines (2 through 5); Winches, 4 small electric drill winches; Bobcats up to and including .75 cu yd

GROUP 5: Oilers

PREMIUM PAY:

Long Boom :
Cranes & Derricks 90' to 150' including jib receive an extra $.50 per hour. Cranes & Derricks over 150' including jib receive an extra $.50 per hour plus an additional $.10 for each additional 10' of boom or jib.

Capacity Pay: Cranes & Derricks with maximum capacity exceeding 50 ton with less than 90' of boom or jib shall be compensated $.01 per hour for each ton of the rated capacity in excess of 50 ton.

Long Boom pay and Capacity pay cannot be combined.

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Crane mounted earth auger, raised and blind hole drills, and truck mounted drill rigs receive an extra $.50 per hour.

Creter Cranes:
When the Creter Crane is equipped with a conveyor system capable of extending 70' or more, the engineer shall receive an extra $.50 per hour.

Truck Mounted Concrete Pumps:
When the Truck Mounted Concrete Pump is equipped with a boom, which is capable of extending 90' or more, the engineer shall receive $.50 per hour extra.

Truck Mounted Concrete Conveyor:
Truck Mounted Concrete Conveyors equipped with conveyors that are capable of extending 90' or more, the engineer shall receive an extra $.50 per hour.

Underground Work:
Employees working in tunnels, shafts, etc. shall be paid an additional $.40 per hour. Employees working under air pressure 1/2 pound to 7 pounds shall receive an additional $.50 per hour. Employees working under air pressure of 7 pounds or over shall receive $.65 per hour more.

Mining Machines- Boring Machines:
The crew operating and maintaining the Mining Machines shall be compensated an additional $.50 per hour.

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* ENGI0150-024 06/01/2024

DUPAGE, KANE, KENDALL, LAKE, McHENRY, and WILL COUNTIES

	Rates	Fringes
OPERATOR: Power Equipment		
GROUP 1	$ 59.00	49.20
GROUP 2	$ 58.45	49.20
GROUP 3	$ 56.40	49.20
GROUP 4	$ 55.00	49.20
GROUP 5	$ 53.80	49.20

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Asphalt Plant*; Asphalt Heater and Planer combination; Asphalt Heater Scarfire*, Asphalt Spreader; Autograder/ GOMACO or similar; ABG Paver*, Backhoes with Caisson attachment*, Ballast Regulator, Belt Loader*; Caisson Rigs*Car Dumper, Central Redi-Mix Plant*, Combination Backhoe; Front End Loader Machine (1 cu yd or over Backhoe bucket or with attachments); Concrete Breaker (truck mounted); Concrete Conveyor; Concrete Paver over 27E cu ft*; Concrete Placer*; Concrete Tube Float; Cranes, all attachments*; Cranes, Hammerhead, Linden, Peco and machines of a like nature*; Creter Crane; Crusher, stone; All Derricks; Derrick Boats; Derricks, traveling*; Dowell Machine with Air Compressor ($1.00 above Class 1); Dredges*; Field Mechanic Welder; Formless Curb and Gutter Machine*; Gradall and machines of a like nature*; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver mounted*; Hoists, one, two, and three Drum; Hydraulic Backhoes*; Backhoes with Shear attachments*; Mucking Machine; Pile Drivers and Skid Rig*; Pre-Stress Machine;

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Pump Cretes Dual Ram (requires frequent lubrication and water)*; Rock Drill- Crawler or Skid Rig*; Rock Drill truck mounted*; Rock/ Track Tamper; Roto Mill Grinder, (36"" and over)*; Slip-Form Paver*; Soil Test Drill Rig, truck mounted*; Straddle Buggies; Hydraulic Telescoping Form (tunnel); Tractor Drawn Belt Loader*; Tractor Drawn Belt Loader with attached Pusher (two engineers); Tractor with boom; Tractaire with attachment; Traffic Barrier Transfer Machine*; Trenching Machine; Truck Mounted Concrete Pump with boom*; Underground Boring and/or Mining Machines 5 ft in diameter and over tunnel, etc.*; Wheel Excavator* & Widener (Apsco); Raised or Blind Hoe Drill, Tunnel & Shaft*

GROUP 2: Batch Plant*; Bituminous Mixer; Boiler and Throttle Valve; Bulldozer; Car Loader Trailing Conveyors; Combination Backkhoe Front End Loader Machine, (less than 1 cu yd Backhoe Bucket 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; Greaser Engineer; Highlift Shovels or Front End Loader; Hoist- Sewer Dragging Machine; Hydraulic Boom Trucks, all attachments; Hydro-Blaster (requires two operators); Laser Screed*; Locomotives, Dinky; Off-Road Hauling Units (including articulating); Pump Cretes; Squeeze Cretes-Screw Type pumps, Gypsum Bulker and Pump; Roller Asphalt; Rotary Snow Plows; Rototiller, Seaman, self-Propelled; Scoops-Tractor Drawn; Self- propelled Compactor; Spreader-Chip-Stone; Scraper; Scraper-Prime Mover in Tandem regardless of size (add $1.00 to Group 2 hourly rate for each hour and for each machine attached thereto add $1.00 to Group 2 hourly rate for each hour); Tank Car Heater; Tractors, Push, pulling Sheeps Foot, Disc, or Compactor, etc; Tug Boats

GROUP 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; Fireman on Boilers; Forklift Trucks; Grouting Machines; 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

GROUP 4: Air compressor - Small 250 and under (1 to 5 not to exceed a total of 300 ft); Air Compressor - Large over 250; Combination - Small Equipment Operator; Directional Boring Machine; Generators - Small 50 kw and under; Generators - Large , over 50 kw; Heaters, Mechanical; Hydraulic power unit (Pile Driving, Extracting or Drilling); Light Plants (1 to 5); Pumps, over 3"" (1 to 3, not to exceed a total of 300 ft); Pumps, Well Points; Tractaire; Welding Machines (2 through 5); Winches, 4 small electric drill winches;

GROUP 5: Bobcats (All); Brick Forklifts; Oilers; Directional Boring

*Requires Oiler

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CONTRACT

IRON0001-014 06/01/2023

DU PAGE (Eastern 1/4), LAKE, AND MCHENRY (Hebron, Woodstock, and East thereof) COUNTIES

	Rates	Fringes
IRONWORKER		
Sheeter	$ 57.25	43.75
Structural and Reinforcing	$ 57.00	43.75

IRON0063-003 06/01/2024

LAKE, DUPAGE (Eastern 1/4) and McHENRY (HEBRON, WOODSTOCK & EAST THEREOF) COUNTIES

	Rates	Fringes
IRONWORKER, ORNAMENTAL	$ 57.51	42.81

IRON0393-003 06/01/2021

DEKALB (SOUTHEASTERN 2/3 including Sycamore and Dekalb), DUPAGE (REMAINDER), KANE, KENDALL (NORTHERN PART), and MCHENRY (SOUTHEAST 1/4) COUNTIES

	Rates	Fringes
IRONWORKER	$ 48.83	39.84

IRON0444-006 06/01/2022

KENDALL (Southern Part) and WILL COUNTIES

	Rates	Fringes
IRONWORKER	$ 47.80	42.50

IRON0498-003 06/01/2021

BOONE, DEKALB (EXCEPT Southeast), and MCHENRY (Northwest) COUNTIES

	Rates	Fringes
IRONWORKER	$ 41.37	44.41

LABO0002-004 06/01/2022

DUPAGE COUNTY

	Rates	Fringes
LABORER (SEWER CONSTRUCTION)		
GROUP 1	$ 47.40	33.16
GROUP 2	$ 47.53	33.16
GROUP 3	$ 47.63	33.16
GROUP 4	$ 47.75	33.16
GROUP 5	$ 47.40	33.16

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LABORER CLASSIFICATIONS

GROUP 1: Signalmen Top Laborers, and all other Laborers not Mentioned.

GROUP 2: Concrete Laborers; Steel Setters.

GROUP 3: Cement Carriers; Cement Mixers; Concrete Repairmen; Mortar Men; Scaffold Men; and Second Bottom Men.

GROUP 4: Bottom Men; Bracers-Bracing; Bricklayer's Tender; Catch Basin Digger; Drainlayer; Dynamiter; Form Men; Jackhammermen; Powerpac; Pipelayers; Rodders; Welders & Burners; Well Point System Men.

GROUP 5: Asbestos Abatement Laborers, Toxic and Hazardous Waste Removal Laborers & Dosimeter use (any device) Monitoring Nuclear Exposure.

LABO0002-009 06/01/2022

DU PAGE COUNTY

	Rates	Fringes
LABORER (Compressed Air)		
0 - 15 lbs	$ 48.40	33.16
16 - 20 lbs	$ 48.90	33.16
21 - 26 lbs	$ 49.40	33.16
27 - 33 lbs	$ 50.40	33.16
34 lbs and over	$ 51.40	33.16
LABORER (Tunnel and Sewer)		
GROUP 1	$ 47.40	33.16
GROUP 2	$ 47.53	33.16
GROUP 3	$ 47.63	33.16
GROUP 4	$ 47.75	33.16
GROUP 5	$ 47.40	33.16

LABORER CLASSIFICATIONS (TUNNEL)

GROUP 1: Cage tenders; Dumpmen; Flagmen; Signalmen; Top laborers

GROUP 2: Air hoist operator; Key board operator; concrete laborer; Grout; Lock tenders (Free Air Side); Steel setters; Tuggers; Switchmen; Car pusher

GROUP 3: Concrete repairmen; Lock tenders (pressure side); Mortar men; Muckers; Grout machine operators; Track layers

GROUP 4: Air trac drill operator; Miner; Bricklayer tenders; Concrete blower operator; Drillers; Dynamiters; Erector operator; Form men; Jackhammermen; Powerpac; Mining machine operators; Mucking machine operator; Laser beam operator; Liner plate and ring setters; Shield drivers; Power knife operator; Welder- burners; Pipe jacking machine operator; skinners; Maintenance technician

GROUP 5: Asbestos abatement laborer; Toxic and hazardous waste removal laborer; Dosimeter (any device) monitoring nuclear exposure

LABORER CLASSIFICATIONS (SEWER)

GROUP 1: Signalmen; Top laborers and All other laborers

GROUP 2: Concrete laborers and Steel setters

GROUP 3: Cement carriers; Cement mixers; Concrete repairmen; Mortar men; Scaffold men; Second Bottom men

GROUP 4: Air trac drill operator; Bottom men; Bracers-bracing; Bricklayer tenders; Catch basin diggers; Drainlayers; dynamiters; Form men; Jackhammermen; Powerpac; Pipelayers; Rodders; Welder-burners; Well point systems men

GROUP 5: Asbestos abatement laborer, Toxic and hazardous waste removal laborer; Dosimeter (any device) monitoring nuclear exposure

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LABO0032-007 05/01/2024

DE KALB COUNTY

	Rates	Fringes
LABORER		
General Laborer	$ 44.59	36.11
Skilled Laborer	$ 47.94	36.11

LABORER CLASSIFICATIONS

General Laborer: Carpenter Tender, Tool Cribman, Fireman or Salamander Tender, Flagman, Gravel Box Man, Bumpman & Spotter, Form Handler, Material Handler, Fencing Laborer, Cleaning Lumber, Pit Man, Material Checker, Landscaper, Unloading Explosives, Laying of Sod, Planting of Trees, Asphalt Workers With Machine & Layers, Asphalt Plant Laborer, Wrecking, Fire-proofing, Driving Stakes, Stringlines for All Machinery, Window Cleaning, Demolition Worker, Explosive Handling, Trimming & Removal of Trees, Multi-Plate Pipe, Pilot Cars for Traffic Control, Power Rigging

Skilled Laborer: Asbestos Abatement Worker; Hazardous Waste Worker Handling any Materials with any Foreign Matter Harmful to Skin or Clothing, Track Labor, Cement Handler, Chloride Handler, Unloading & Laborers with Steel Workers & Re-bars, Wet Concrete Workers, Tunnel Tenders in Free Air, Batch Dumper, Mason Tender, Kettle & Tar Man, Tank Cleaner, Plastic Installer, Scaffold Worker, Motorized Buggies or Motorized Unit Used For Wet Concrete or Handling of Building Materials, Laborers With De-Watering Systems, Sewer Workers Plus Depth, Vibrator Operator; Cement Silica, Clay, Fly Ash, Lime & Plasters Handlers (Bulk or Bag); Cofferdam Worker Plus Depth, Concrete Paving, Placing, Cutting & Tying of Reinforcing, Deck Hand, Dredge Hand and Shore Laborer, Bankman on Floating Plant, Grade Checker, Power Tools, Front End Man on Chip Spreader, Caisson Worker Plus Depth, Gunnite Nozzleman, Leadman on Sewer Work, Welder, Cutter, Burner & Torchman, Chain Saw Operator, Jackhammer & Drill Operator, Layout Man and/or Tile Layer, Steel Form Setter - Street & Highway, Air Tamping Hammerman, Signal Man On Crane, Concrete Saw Operator, Screenman on Asphalt Paver, Tending Masons with Hot Material or Where Foreign Materials are used, Mortar Mixer Operator, Multiple Concrete Duct - Leadman, Luteman, Asphalt Raker Curb Asphalt Machine Operator, Ready Mix

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Scaleman Permanent Portable or Temporart Plant, Laborer Handling Masterplate or Similar Materials, Laser Beam Operator, Concrete Burning Machine Operator, Coring Machine Operator, Plaster Tender, Underpinning & Shoring of Buildings, Pump Man, Manhole & Catch Basin, Dirt & Stone Tamper, Hoseman on Concrete Pump.

LABO0075-002 06/01/2022

WILL COUNTY

	Rates	Fringes
LABORER		
GROUP 1	$ 47.40	33.16
GROUP 2	$ 47.75	33.16
GROUP 3	$ 47.40	33.16
GROUP 4	$ 47.75	33.16
GROUP 5	$ 47.60	33.16
GROUP 6	$ 47.75	33.16
GROUP 7	$ 47.60	33.16

LABORER CLASSIFICATIONS

GROUP 1 - Mortar mixers, handling asphalt shingles; Scaffolds; Sewer and trench work (ground level down to 8 feet); Catch basin and manhole diggers, mesh handling on road work; Cement and mineral filler handler; Concrete puddlers; Batch dumpers (cement & asphalt); Vibrator operators; Sand and stone wheelers to mixer Handlers); Concrete wheelers; Airtamping hammermen; Concrete & paving breakers; Rock drillers/Jackhammermen; Chipping hammermen 1-Bag mixer; Asphalt laborer; Chain and power saws; Pit men; Fencing laborers; Mason tenders (mortar and brick wheeler); Kettlemen & tarmen, tank cleaners; Scaffold and staging laborers; Pot Firemen (tarmen); Heaters tender for any purpose; Water pumps (portable water pumps shall be tended by laborers if the employer determines tending is required); Rip rap; Handling of slab steel road forms in any manner, except road form setting, setting center strips, Contraction and expansion joints (road work); Unloading and handling of lumber, brick, transite materials, cast iron water pipe, reinforced concrete rods, sewer and drain tile, railroad tiles and all other creosoted materials; paving blocks and concrete forms; Handling of insulation of any type; all work involving the unloading of materials, fixtures, or furnishing, whether crated or uncrated; all mortar and composition mixers of sewer work; track laborers; Chimney and silo laborers working at a height of 1 to 48 feet; All laborers working on swinging suspended, or any type or make of scaffolding 1 to 48 feet; All laborers working inside a sphere or any type or make of tank; Working inside a sphere or any type or make of tank from bottom to a height of 48 feet; Form strippers (any type); Mechanical or motorized buggies, for concrete or masons employers; Use of skid steer loads or any other machinery which replaces the wheelbarrow or buggy; Handling multiple concrete duct or any other type of pipe used in public utility work unless otherwise specified herein; Snapping of wall ties and removal of rods; drilling of anchor bolt holes; Concrete or asphalt clipper type saws and self-propelled saws; Shoulder and grade laborers; All hydraulic electric and air or any other type of tools; Grouting and caulking; Cleaning lumber, Nail pulling, Deck

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hand; Dredgehand; Shore laborer; Bankmen on Floating Plant; Tool and material checkers; Signalmen and Flagmen on all construction work; Cleaning of debris; Removal of trees; Concrete curing, temporary concrete protection regardless of manner or materials used; Laborers on Apsco; Janitorial; Wrecking and demolition laborers

GROUP 2 - Sewer and drain pipe layers and multiple concrete duct or any other type of pipe used, on public utility work (ground level to 8 feet); Pumpcrete pipe handlers

GROUP 3 - Asphalt rakers; Hod carriers; Plasterer laborers; Gunnite laborers, Slab for setters on roads, highways, streets, airport runaways, and radii (any type of form) stringline men for all aforementioned work; Wagon and tower drillers on land and floating plant used on dredging; Asphalt gunners and plug men (undercoating on road work); Mortar pump laborers; Plaster pump laborers

GROUP 4 - Tunnel miners, and all laborers inside tunnel; Air blow pipemen; Torchmen (burners); Mortaring men on sewer and drain pipe (the applying of mortar and composition mixes); All bottom men on sewer work-all sewer and drain pipelayers-multiple concrete duct or any other type of pipe used on public utility work-8 feet or more below ground level, and all other sewer and trench laborers 8 feet or more below ground level regardless of excavation area; All labor work inside cofferdam; Use of a 10 foot or more drill steel for hand held drills; Caisson laborers ground level down 15 feet; All air tools 8 feet or more below ground level; All laborers working on swinging-suspended or any type or make of scaffolds, 48 feet to 100 feet; All chimney and silo laborers working at a height of 48 to 100 feet; All tamping hammers over 150 lbs.; All laborers working inside of a sphere or any type or make of tank at a height of 48 feet to 100 feet; all hydraulic, electric and air tools or any other type 8 feet or more below ground level; Vibrators-any type-8 feet or more below ground level

GROUP 5 - Gunnite nozzle men; Caisson laborers and all tamping hammers from 150 lbs and over; from 15 feet below ground level down to 50 feet; and all laborers working inside of a sphere or any type of tank for every additional 50 feet or part thereof above 100 feet in height

GROUP 6 - All underground cavern laborers; Caisson laborers 50 feet or more below ground level; Laborers working under radio active conditions (suiting up); Blasting men (Powdermen)

GROUP 7 - Dosimeter (any device) used for monitoring nuclear exposure; Asbestos abatement worker; Toxic and hazardous waste removal laborer; and chimney and silo laborers for every additional 50 feet or any part thereof above 100 feet high

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LABO0149-002 06/01/2022

BOONE, KANE, KENDALL, AND McHENRY COUNTIES

	Rates	Fringes
LABORER		
GROUP 1	$ 47.40	33.16
GROUP 2	$ 47.68	33.16

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GROUP 3	$ 47.68	33.16
GROUP 4	$ 47.68	33.16
GROUP 5	$ 47.63	33.16
GROUP 6	$ 47.75	33.16
GROUP 7	$ 47.75	33.16
GROUP 8	$ 47.40	33.16
GROUP 9	$ 48.40	33.16

LABORER CLASSIFICATIONS

GROUP 1: Common laborer, Asphalt laborer, Asphalt plant laborer, Striping laborer, Clipper type concrete saw, Self-propelled saws

GROUP 2: Air tampers & Vibrators

GROUP 3: Mortar & Concrete mixers

GROUP 4: Stringline & form setter; Torchman (demolition), Sheeting & Cribbing, Black top rakers & lutemen, Machine screwmen

GROUP 5: Chain saw man, Jackhammer man, Drillman, Concrete breaders & air spade,

GROUP 6: Tunnel laborers, Tile layers & bottom men

GROUP 7: Caisson diggers, Dynamiters

GROUP 8: Flagman

GROUP 9: Asbestos apatement laborers, Toxic & hazardous waste removal laborers & Dosimeter (any device) monitoring nuclear exposure

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LAB00152-003 06/01/2022

LAKE COUNTY

	Rates	Fringes
LABORER		
GROUP 1	$ 47.40	33.16
GROUP 2	$ 47.48	33.16
GROUP 3	$ 47.40	33.16
GROUP 4	$ 47.63	33.16
GROUP 5	$ 47.60	33.16
GROUP 6	$ 47.60	33.16

LABORER CLASSIFICATIONS

GROUP 1: General laborers; Asphalt

GROUP 2: Cement gun laborers

GROUP 3: Asphalt Tampers and Smoothers

GROUP 4: Rakers and Lutemen; Machine screwman; Kettlemen; Mixermen, Drum-Men; Jackhammermen (Asphalt); Mite Box Spreaders; Laborers on birch overman and similar spreader equipment; Laborers on apsco; Laborers on Air Compressors; Paving Form Setters; Jackhammerman (Concrete); Power Drive Concrete Saws

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GROUP 5: Cement Gun Nozzle (Gunite)

GROUP 6: Asbestos abatement laborers; Toxic and hazardous waste removal laborers; Dosimeter (any device monitoring nuclear exposure)

PAIN0014-003 06/01/2024

LAKE and WILL COUNTIES

	Rates	Fringes
PAINTER: Brush Only.....	$ 53.05	33.91

PAIN0030-001 06/01/2024

DE KALB, DU PAGE, KANE, KENDALL AND MCHENRY COUNTIES

	Rates	Fringes
PAINTER Brush, Drywall Taper/Finisher, Sandblaster, and Spray.....	$ 53.05	27.63

PAIN0030-004 06/01/2024

BOONE, JO DAVIESS, LEE, OGLE, STEPHENSON AND WINNEBAGO COUNTIES

	Rates	Fringes
PAINTER Brush, Roller, Spray, Sandblasting, Paperhanger, Drywall Finishing, Taper, and Spray Structural Steel..	$ 45.15	29.41

PLAS0011-002 06/01/2023

WILL COUNTY

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	$ 46.25	45.10

PLAS0011-008 06/01/2023

DE KALB, KANE, KENDALL, AND McHENRY COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	$ 50.70	40.60

PLAS0011-013 06/01/2023

LAKE COUNTY

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	$ 48.50	42.82

PLAS0011-015 06/01/2023

BOONE COUNTY

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	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER	$ 41.03	36.39
PLASTERER	$ 37.90	37.66

PLAS0803-001 08/01/2010

DUPAGE COUNTY

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER	$ 38.00	24.03

* TEAM0179-002 06/01/2024

KENDALL and WILL COUNTIES

	Rates	Fringes
TRUCK DRIVER		
2 or 3 Axle Trucks	$ 44.82	0.25+a
4 Axle Trucks	$ 44.97	0.25+a
5 Axle Trucks	$ 45.17	0.25+a
6 Axle Trucks	$ 45.37	0.25+a

FOOTNOTES:
a. $1055.60 per week.
b. Lowboy rate based on number of axles

An additional $.20 per axle shall be paid for all vehicles with more than six (6) axles.

CLASSIFICATIONS:

Group 1 - Frame Truck when used for transportation purposes; Air Compressor and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Articulated Dumps; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry Alls; Forl Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors, two-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Pothole Repair Trucks; Power Mower Tractors; Quick Change Barrier; Self-Propelled Chip Spreader; Shipping and Receiving Clerks and Checkers; Skipman; Slurry Trucks, two-man operation; Slurry Trucks, Conveyor Operated - 2 or 3 man operation; Teamsters; Unskilled Dumpmen; Warehousemen and Dockmen; Truck Drivers hauling warning lights, barricades, and portable toilets on the job site

Group 2 - Dispatcher; Dump Crets and Adgetators 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; Winch Trucks, 2 Axles

Group 3 - Dump Crets and Adgetators, 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers 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, one-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50

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feet long;
Slurry Trucks, one-man operation; Winch Trucks, 3 axles or more; Mechanic - *Truck Welder and *Truck Painter*These classifications shall only apply in areas where and when it has been a past area practice; Asphalt Plant Operators in areas where it has been past practice

Group 4 - Dual-purpose vehicels, such as mounted crane tucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front

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* TEAM0301-001 06/01/2024

LAKE AND MCHENRY COUNTIES

	Rates	Fringes
TRUCK DRIVER		
2-3 AXLES	$ 44.54	13.40+a
4 AXLES	$ 44.69	13.40+a
5 AXLES	$ 44.89	13.40+a
6 AXLES	$ 45.09	13.40+a

FOOTNOTES:
a.$500.00 per week pension.
b. Lowboy is an additional $1.50 per hour

An additional $.20 per axle shall be paid for all vehicles with more than six (6) axles.

Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

900 straight time hours or more in 1 calendar year for the same employer shall receive 1 week paid vacation; 3 years - 2 weeks paid vacation; 10 years - 3 weeks paid vacation; 20 years - 4 weeks paid vacation.

CLASSIFICATIONS:

Group 1 - Frame Truck when used for transportation purposes; Air Compressor and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Articulated Dumps; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry Alls; Forl Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors, two-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Pothole Repair Trucks; Power Mower Tractors; Quick Change Barrier; Self-Propelled Chip Spreader; Shipping and Receiving Clerks and Checkers; Skipman; Slurry Trucks, two-man operation; Slurry Trucks, Conveyor Operated - 2 or 3 man operation; Teamsters; Unskilled Dumpmen; Warehousemen and Dockmen; Truck Drivers hauling warning lights, barricades, and portable toilets on the job site

Group 2 - Dispatcher; Dump Crets and Adgetators 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; Winch Trucks, 2 Axles

Group 3 - Dump Crets and Adgetators, 7 yards and over;

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Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers 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, one-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long;
Slurry Trucks, one-man operation; Winch Trucks, 3 axles or more; Mechanic - *Truck Welder and *Truck Painter*These classifications shall only apply in areas where and when it has been a past area practice; Asphalt Plant Operators in areas where it has been past practice

Group 4 - Dual-purpose vehicels, such as mounted crane tucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front

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* TEAM0325-004 06/01/2024

BOONE and WINNEBAGO COUNTIES

	Rates	Fringes
TRUCK DRIVER		
2 - 3 Axles	$ 45.47	25.70
4 Axles	$ 45.62	25.70
5 Axles	$ 45.82	25.70
6 Axles	$ 45.93	25.70

FOOTNOTE: An additional $.20 per axle shall be paid for all vehicles with more than six (6) axles.

CLASSIFICATIONS:

Group 1 - Frame Truck when used for transportation purposes; Air Compressor and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Forkl Lifts and Hoisters; Helpers;
Mechanics Helpers and Greasers; Oil Distributors, two-man operation; Pavement Breakers
Pole Trailer, up to 40 feet; Power Mower Tractors; Skipman; Slurry Trucks, two-man operation; Teamsters; Truck Drivers hauling warning lights, barricades, and portable toilets on the job site

Group 2 - Dump Crets and Adgetators 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; Winch Trucks, 2 Axles

Group 3 - Dump Crets and Adgetators, 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers 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, one-man operation
Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long, additional $0.50 per

hour; Slurry Trucks, one-man operation; Winch Trucks, 3 axles or more
*Mechanic*Truck Welder and Truck Painter; *Winter Rate: Between Dec. 15 and Feb. 28 the mechanic and welder rate shall be $2.00 less than the scheduled scale. Truck Painter and Truck Welder classifications shall only apply in areas where and when it has been a past area practice; Dual-purpose vehicels, such as mounted crane tucks with hoist and accessories

Group 4 - Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front

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* TEAM0330-002 06/01/2024

DEKALB COUNTY

	Rates	Fringes
TRUCK DRIVER		
2-3 AXLES	$ 43.43	0.25+a
4 AXLES	$ 43.58	0.25+a
5 AXLES	$ 43.78	0.25+a
6 AXLES	$ 43.98	0.25+a

FOOTNOTE: a. $1112.34 per week

An additional $.20 per axle shall be paid for all vehicles with more than six (6) axles.

Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

900 straight time hours or more in 1 calendar year for the same employer shall receive 1 week paid vacation; 3 years - 2 weeks paid vacation; 10 years - 3 weeks paid vacation; 20 years - 4 weeks paid vacation.

CLASSIFICATIONS:

Group 1 - Frame Truck when used for transportation purposes; Air Compressor and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Articulated Dumps; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry Alls; Forl Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors, two-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Pothole Repair Trucks; Power Mower Tractors; Quick Change Barrier; Self-Propelled Chip Spreader; Shipping and Receiving Clerks and Checkers; Skipman; Slurry Trucks, two-man operation; Slurry Trucks, Conveyor Operated - 2 or 3 man operation; Teamsters; Unskilled Dumpmen; Warehousemen and Dockmen; Truck Drivers hauling warning lights, barricades, and portable toilets on the job site

Group 2 - Dispatcher; Dump Crets and Adgetators 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; Winch Trucks, 2 Axles

Group 3 - Dump Crets and Adgetators, 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump

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Turnapulls or Turnatrailers 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, one-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long;
Slurry Trucks, one-man operation; Winch Trucks, 3 axles or more; Mechanic - *Truck Welder and *Truck Painter*These classifications shall only apply in areas where and when it has been a past area practice; Asphalt Plant Operators in areas where it has been past practice

Group 4 - Dual-purpose vehicels, such as mounted crane tucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front

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* TEAM0673-003 06/01/2024

DU PAGE and KANE COUNTIES

	Rates	Fringes
TRUCK DRIVER		
2-3 AXLES	$ 44.06	0.25+a
4 AXLES	$ 44.21	0.25+a
5 AXLES	$ 44.41	0.25+a
6 AXLES	$ 44.61	0.25+a

FOOTNOTE: a.

An additional $.20 per axle shall be paid for all vehicles with more than six (6) axles.

Low-Boy is an additional $1.50 per hour
Health and Welfare: $453.20 per week
Penson: $589.90 per week

Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

900 straight time hours or more in 1 calendar year for the same employer shall receive 1 week paid vacation; 3 years - 2 weeks paid vacation; 10 years - 3 weeks paid vacation; 20 years - 4 weeks paid vacation.

CLASSIFICATIONS:

Group 1 - Frame Truck when used for transportation purposes; Air Compressor and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Articulated Dumps; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry Alls; Forl Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors, two-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Pothole Repair Trucks; Power Mower Tractors; Quick Change Barrier; Self-Propelled Chip Spreader; Shipping and Receiving Clerks and Checkers; Skipman; Slurry Trucks, two-man operation; Slurry Trucks, Conveyor Operated - 2 or 3 man operation; Teamsters; Unskilled Dumpmen; Warehousemen and Dockmen; Truck Drivers hauling warning lights, barricades, and portable toilets on the job site

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Group 2 - Dispatcher; Dump Crets and Adgetators 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; Winch Trucks, 2 Axles

Group 3 - Dump Crets and Adgetators, 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers 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, one-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long;
Slurry Trucks, one-man operation; Winch Trucks, 3 axles or more; Mechanic - *Truck Welder and *Truck Painter*These classifications shall only apply in areas where and when it has been a past area practice; Asphalt Plant Operators in areas where it has been past practice

Group 4 - Dual-purpose vehicels, such as mounted crane tucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front

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TEAM0731-002 04/01/2023

	Rates	Fringes
Traffic Control Device Monitor TRAFFIC SAFETY WORKER: Primary duties include but are not limited to the delivery, maintenance and pick-up of traffic control devices, the set-up and installation of traffic signs, pavement markings, barricades, crash barrels and glare screens, traffic control surveillance, the repair and maintenance trucks, cars, arrow boards, message signs, barricade and sign fabrication equipment.....	$ 40.10	20.95

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including

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preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at https://www.dol.gov/agencies/whd/government-contracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

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Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

State Adopted Rate Identifiers

Classifications listed under the ""SA"" identifier indicate that the prevailing wage rate set by a state (or local) government was adopted under 29 C.F.R ◆1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 01/03/2024 reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

* an existing published wage determination
* a survey underlying a wage determination
* a Wage and Hour Division letter setting forth a position on a wage determination matter
* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an

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interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

APPENDIX H

INTERGOVERNMENTAL AGREEMENT BETWEEN STATE OF ILLINOIS IEMA AND VILLAGE OF VILLA PARK

INTERGOVERNMENTAL GRANT AGREEMENT
BETWEEN
THE STATE OF ILLINOIS, ILLINOIS EMERGENCY MANAGEMENT AGENCY
AND
Village of Villa Park

The Illinois Emergency Management Agency (Grantor), with its principal office at 1035 Outer Park Drive, Springfield, Illinois 62704, and Village of Villa Park (Grantee), with its principal office at 20 South Ardmore Avenue, Villa Park, Illinois 60181-2610, hereby enter into this Intergovernmental Grant Agreement (Agreement). Grantor and Grantee are collectively referred to herein as "Parties" or individually as a "Party."

PART ONE – THE UNIFORM TERMS
RECITALS

WHEREAS, it is the intent of the Parties to perform consistent with all Exhibits and attachments hereto and pursuant to the duties and responsibilities imposed by Grantor under the laws of the State of Illinois and in accordance with the terms, conditions and provisions hereof.

NOW, THEREFORE, in consideration of the foregoing and the mutual agreements contained herein, and for other good and valuable consideration, the value, receipt and sufficiency of which are acknowledged, the Parties hereto agree as follows:

ARTICLE I
AWARD AND GRANTEE-SPECIFIC INFORMATION AND CERTIFICATION

1.1. DUNS Number; SAM Registration; Nature of Entity. Under penalties of perjury, Grantee certifies that 046573184 is Grantee's correct DUNS number, that "UEI" is Grantee's correct UEI, if applicable, that 36-6006132 is Grantee's correct FEIN, and that Grantee has an active State registration and SAM registration. Grantee is doing business as a Government Unit.

1.2. Amount of Agreement. Grant Funds shall not exceed **$5,608,000.00**, of which $4,000,000.00 are federal funds. (IEMA's share not to exceed $4,000,000.00.) Grantee agrees to accept Grantor's payment as specified in the Exhibits and attachments incorporated herein as part of this Agreement. Grantee is required to match these funds on a cost-sharing basis of not more than 71 percent Federal and at least 29 percent non-Federal contributions. Grantee is required to provide and/or secure the full non-Federal share for mitigation activities with eligible expenses as outlined in **Exhibit C.**

1.3. Identification Numbers. The Federal Award Identification number is EMC-2020-PC-0006, the federal awarding agency is the Federal Emergency Management Agency. If applicable, the Assistance Listing Program Title is Pre-Disaster Mitigation Grant Program (PDMG). The Catalog of State Financial Assistance (CSFA) Number is 97-047. The State Award Identification Number is 451-29633.

1.4. Term. This Agreement shall be effective on 9/22/2020, and shall expire on 9/22/2023, unless terminated pursuant to this Agreement.

1.5. Certification. Grantee certifies under oath that (1) all representations made in this Agreement are true and correct and (2) all Grant Funds awarded pursuant to this Agreement shall be used only for the purpose(s) described herein. Grantee acknowledges that the Award is made solely upon this certification and that any false statements, misrepresentations, or material omissions shall be the basis for immediate termination of this Agreement and repayment of all Grant Funds.

1.6. Signatures. In witness whereof, the Parties hereto have caused this Agreement to be executed by their duly authorized representatives.

Illinois Emergency Management Agency

By: _____

Alicia Tate-Nadeau, Director

Date: _____

By: _____

Signature of Designee

Printed Name: Alicia Tate-Nadeau

Printed Title: Director

By: _____

Karl V. Pound, Chief Financial Officer

Date: _____

By: _____

Signature of Designee

Printed Name: Karl V. Pound

Printed Title: Chief Financial Officer

By: _____

Eric Lohrenz, General Counsel

Date: _____

By: _____

Signature of Designee

Printed Name: Eric Lohrenz

[VILLAGE OF VILLA PARK]

By: _____

Rich Salerno, Village of Villa Park

Signature of Authorized Representative

Date: _____

By: _____

Signature of Designee

Printed Name: Mr.Rich Salerno

Printed Title: Interim Director of Public Works

ARTICLE II
REQUIRED REPRESENTATIONS

2.1. Standing and Authority. Grantee warrants that:

(a) Grantee is a governmental entity.

(b) Grantee has the requisite power and authority to execute and deliver this Agreement and all documents to be executed by it in connection with this Agreement, to perform its obligations hereunder and to consummate the transactions contemplated hereby.

(c) The execution and delivery of this Agreement, and the other documents to be executed by Grantee in connection with this Agreement, and the performance by Grantee of its obligations hereunder have been duly authorized by all necessary entity action.

(d) This Agreement and all other documents related to this Agreement, including the Uniform Grant Application, the Exhibits and attachments to which Grantee is a party constitute the legal, valid and binding obligations of Grantee enforceable against Grantee in accordance with their respective terms.

2.2. Compliance with Internal Revenue Code. Grantee certifies that it does and will comply with all provisions of the Federal Internal Revenue Code (26 USC 1), the Illinois Revenue Act (35 ILCS 5), and all rules promulgated thereunder, including withholding provisions and timely deposits of employee taxes and unemployment insurance taxes.

2.3. Compliance with Federal Funding Accountability and Transparency Act of 2006. Grantee certifies that it does and will comply with the reporting requirements of the Federal Funding Accountability and Transparency Act of 2006 (P.L. 109-282) (FFATA) with respect to Federal Awards greater than or equal to $30,000. A FFATA sub-award report must be filed by the end of the month following the month in which the award was made.

2.4. Compliance with Uniform Grant Rules (2 CFR Part 200). Grantee certifies that it shall adhere to the applicable Uniform Administrative Requirements, Cost Principles, and Audit Requirements, which are published in Title 2, Part 200 of the Code of Federal Regulations, and are incorporated herein by reference. *See* 44 Ill. Admin. Code 7000.30(b)(1)(A).

2.5. Compliance with Registration Requirements. Grantee certifies that it: (i) is registered with the Federal SAM if seeking an Award that is partially or fully paid by Federal funds, and registered with the State equivalent of SAM; (ii) is in good standing with the Illinois Secretary of State, if applicable; (iii) has a valid DUNS number, (iv) has a valid UEI, if applicable; and (v) have successfully completed the annual registration and prequalification through the Grantee Portal. It is Grantee's responsibility to remain current with these registrations and requirements. If Grantee's status with regard to any of these requirements change, or the certifications made in and information provided in the Uniform Grant Application changes, Grantee must notify the Grantor in accordance with ARTICLE XVIII.

ARTICLE III
DEFINITIONS

3.1. Definitions. Capitalized words and phrases used in this Agreement have the following meanings:

"2 CFR Part 200" means the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards published in Title 2, Part 200 of the Code of Federal Regulations.

"Agreement" or "Grant Agreement" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Allocable Costs" means costs allocable to a particular cost objective if the goods or services involved are chargeable or assignable to such cost objective in accordance with relative benefits received or other equitable relationship. Costs allocable to a specific Program may not be shifted to other Programs in order to meet deficiencies caused by overruns or other fund considerations, to avoid restrictions imposed by law or by the terms of this Agreement, or for other reasons of convenience.

"Allowable Costs" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Assistance Listings" has the same meaning as in 2 CFR 200.1.

"Assistance Listing Number" has the same meaning as in 2 CFR 200.1.

"Assistance Listing Program Title" has the same meaning as in 2 CFR 200.1.

"Award" has the same meaning as in 44 Ill. Admin. Code 7000.20.

"Budget" has the same meaning as in 44 Ill. Admin. Code 7000.20.

"Budget Period" has the same meaning as in 2 CFR 200.1.

"Catalog of State Financial Assistance" or "CSFA has the same meaning as in 44 Ill. Administrative Code 7000.30

"Close-out Report" means a report from the Grantee allowing the Grantor to determine whether all applicable administrative actions and required work have been completed, and therefore closeout actions can commence.

"Conflict of Interest" has the same meaning as in 44 Ill. Admin. Code 7000.20.

"Consolidated Financial Report" or "CYEFR" means a financial information presentation in which the assets, equity, liabilities, and operating accounts of an entity and its subsidiaries are combined (after eliminating all inter-entity transactions) and shown as belonging to a single reporting entity.

"Cost Allocation Plan" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"CSFA" or "Catalog of State Financial Assistance" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Direct Costs" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Disallowed Costs" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"DUNS Number" means a unique nine digit identification number provided by Dun & Bradstreet for each physical location of Grantee's organization. Assignment of a DUNS Number is mandatory for all organizations seeking an Award from the State of Illinois.

"FAIN" means the Federal Award Identification Number.

"FFATA" or "Federal Funding Accountability and Transparency Act" has the same meaning as in 31 USC 6101; P.L. 110-252.

"Fixed-Rate" has the same meaning as in 44 Ill. Admin. Code 7000.20. "Fixed-Rate" is in contrast to fee-for-service, 44 Ill. Admin. Code 7000.20.

"GAAP" or "Generally Accepted Accounting Principles" has the same meaning as in 44 Ill. Admin. Code 7000.20.

"GATU" means the Grant Accountability and Transparency Unit of GOMB.
"Generally Accepted Accounting Principles" or "GAAP" has the same meaning as in 2 CFR 200.1.

"GOMB" means the Illinois Governor's Office of Management and Budget.

"Grant Funds" has the same meaning as in 30 ILCS 705.

"Grantee Portal" has the same meaning as in 44 Ill. Admin. Code Part 7000.

"Improper Payment" has the same meaning as in 2 CFR 200.1.

"Indirect Costs" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Indirect Cost Rate" means a device for determining in a reasonable manner the proportion of indirect costs each Program should bear. It is a ratio (expressed as a percentage) of the Indirect Costs to a Direct Cost base. If reimbursement of Indirect Costs is allowable under an Award, Grantor will not reimburse those Indirect Costs unless Grantee has established an Indirect Cost Rate covering the applicable activities and period of time, unless Indirect Costs are reimbursed at a fixed rate.

"Indirect Cost Rate Proposal" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Net Revenue" means an entity's total revenue less its operating expenses, interest paid, depreciation, and taxes. "Net Revenue" is synonymous with "Profit."

"Nonprofit Organization" has the same meaning as in 2 CFR 200.1.

"Notice of Award" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"OMB" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Obligations" has the same meaning as in 44 Ill. Administrative Code 7000.30.

"Period of Performance" has the same meaning as in 2 CFR 200.1.

"Prior Approval" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Profit" means an entity's total revenue less its operating expenses, interest paid, depreciation, and taxes. "Profit" is synonymous with "Net Revenue."

"Program" means the services to be provided pursuant to this Agreement.

"Program Costs" means all Allowable Costs incurred by Grantee and the value of the contributions made by third parties in accomplishing the objectives of the Award during the Term of this Agreement.

"Related Parties" has the meaning set forth in Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 850-10-20.

"SAM" means the federal System for Award Management (SAM); which is the Federal repository into which an entity must provide information required for the conduct of business as a recipient. 2 CFR 25 Appendix A (1)(C)(1).

"State" means the State of Illinois.

"Term" has the meaning set forth in Paragraph 1.4.

"Unallowable Costs" has the same meaning as in 44 Ill. Admin. Code 7000.30.

"Unique Entity Identifier or "UEI" means the unique identifier assigned to the Grantee or to subrecipients by SAM.

ARTICLE IV
PAYMENT

4.1. Availability of Appropriation; Sufficiency of Funds. This Agreement is contingent upon and subject to the availability of sufficient funds. Grantor may terminate or suspend this Agreement, in whole or in part, without penalty or further payment being required, if (i) sufficient funds for this Agreement have not been appropriated or otherwise made available to the Grantor by the State or the Federal funding source, (ii) the Governor or Grantor reserves funds, or (iii) the Governor or Grantor determines that funds will not or may not be available for payment. Grantor shall provide notice, in writing, to Grantee of any such funding failure and its election to terminate or suspend this Agreement as soon as practicable. Any suspension or termination pursuant to this Section will be effective upon the date of the written notice unless otherwise indicated.

4.2. Pre-Award Costs. Pre-Award costs are not permitted unless specifically authorized by the Grantor. If they are authorized, pre-award costs must be charged to the initial Budget Period of the award, unless otherwise specified by the Grantor. 2 CFR 200.458

4.3. Return of Grant Funds. Any Grant Funds remaining at the end of the Agreement period which are not expended or legally obligated by Grantee, including those funds obligated pursuant to ARTICLE XVII, at the end of the Agreement period, or in the case of capital improvement Awards at the end of the time period Grant Funds

are available for expenditure or obligation, shall be returned to Grantor within forty-five (45) days. All obligations regarding Grant Funds management shall survive this Agreement's termination or expiration. See 2 CFR200.343(d); 2 CFR 200.305 (b) (9); 30 ILCS 705/5. A Grantee who is required to reimburse Grant Funds and who enters into a deferred payment plan for the purpose of satisfying a past due debt, shall be required to pay interest on such debt as required by Section 10.2 of the Illinois State Collection Act of 1986. 30 ILCS 210; 44 Ill. Admin Code 7000.450(c). In addition, as required by 44 Ill. Admin. Code 7000.440 (b) (2), unless granted a written extension, Grantee must liquidate all obligations incurred under the Award at the end of the period of performance.

4.4. Cash Management Improvement Act of 1990. Unless notified otherwise in **PART TWO** or **PART THREE**, Federal funds received under this Agreement shall be managed in accordance with the Cash Management Improvement Act of 1990 (31 USC 6501 *et seq.*) and any other applicable Federal laws or regulations. See 2 CFR 200.305; 44 Ill. Admin. Code 7000.

4.5. Payments to Third Parties. Grantee agrees that Grantor shall have no liability to Grantee when Grantor acts in good faith to redirect all or a portion of any Grantee payment to a third party. Grantor will be deemed to have acted in good faith when it is in possession of information that indicates Grantee authorized Grantor to intercept or redirect payments to a third party or when so ordered by a court of competent jurisdiction.

4.6. Modifications to Estimated Amount. If the Agreement amount is established on an estimated basis, then it may be increased by mutual agreement at any time during the Term. Grantor may decrease the estimated amount of this Agreement at any time during the Term if (i) Grantor believes Grantee will not use the funds during the Term, (ii) Grantor believes Grantee has used funds in a manner that was not authorized by this Agreement, (iii) sufficient funds for this Agreement have not been appropriated or otherwise made available to the Grantor by the State or the Federal funding source, (iv) the Governor or Grantor reserves funds, or (v) the Governor or Grantor determines that funds will or may not be available for payment. Grantee will be notified, in writing, of any adjustment of the estimated amount of this Agreement. In the event of such reduction, services provided by Grantee under **Exhibit A** may be reduced accordingly. Grantee shall be paid for work satisfactorily performed prior to the date of the notice regarding adjustment. 2 CFR 200.308.

4.7. Interest.

(a) All interest earned on Grant Funds held by a Grantee shall become part of the Grant Funds when earned and be treated accordingly for all purposes, unless otherwise provided in **PART TWO** or **PART THREE**. 30 ILCS 705/10.

(b) Grant Funds shall be placed in an insured account, whenever possible, that bears interest, unless exempted under 2 CFR 200.305(b)(8) or prohibited from doing so by state law. All interest earned shall be considered Grant Funds and are subject to the same restrictions, unless there is an applicable Federal program rule that takes precedence.

4.8. Timely Billing Required. Grantee must submit any payment request to Grantor within thirty (30) days of the end of the quarter, unless another billing schedule is specified in **PART TWO** or **PART THREE**. Failure to submit such payment request timely will render the amounts billed an unallowable cost which Grantor cannot reimburse. In the event that Grantee is unable, for good cause, to submit its payment request timely, Grantee shall timely notify Grantor and may request an extension of time to submit the payment request. Grantor's approval of Grantee's request for an extension shall not be unreasonably withheld.

4.9. Certification. Pursuant to 2 CFR 200.415, each invoice and report submitted by Grantee (or sub-grantee) must contain the following certification by an official authorized to legally bind the Grantee (or sub-grantee).

> By signing this report [or payment request], I certify to the best of my knowledge and belief that the report [or payment request] is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and objectives set forth in the terms and conditions of the Federal or State pass-through award; and that supporting documentation has been submitted as required by the grant agreement. I acknowledge that approval for any other expenditure described herein shall be considered conditional subject to further review and verification in accordance with the monitoring and records retention provisions of the grant agreement. I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise. (U.S. Code Title 18, Section 1001 and Title 31, Sections 3729-3730 and 3801-3812); (30 ILCS 708/120).

ARTICLE V
SCOPE OF GRANT ACTIVITIES/PURPOSE OF GRANT

5.1. Scope of Grant Activities/Purpose of Grant. Grantee will conduct the Grant Activities or provide the services as described in the Exhibits and attachments, including **Exhibit A** (Project Description) and **Exhibit B** (Deliverables), incorporated herein and in accordance with all terms and conditions set forth herein and all applicable administrative rules. In addition, the State's Notice of Award is incorporated herein as an attachment. All Grantor-specific provisions and programmatic reporting required under this Agreement are described in **PART TWO** (The Grantor-Specific Terms). All Project-specific provisions and reporting required under this Agreement are described in **PART THREE**.

5.2. Scope Revisions. Grantee shall obtain Prior Approval from Grantor whenever a Scope revision is necessary for one or more of the reasons enumerated in 2 CFR 200.308. All requests for Scope revisions that require Grantor approval shall be signed by Grantee's authorized representative and submitted to Grantor for approval. Expenditure of funds under a requested revision is prohibited and will not be reimbursed if expended before Grantor gives written approval. *See* 2 CFR 200.308.

5.3. Specific Conditions. If applicable, specific conditions required after a risk assessment will be included in **Exhibit H**. Grantee shall adhere to the specific conditions listed therein.

ARTICLE VI
BUDGET

6.1. Budget. The Budget is a schedule of anticipated grant expenditures that is approved by Grantor for carrying out the purposes of the Award. When Grantee or third parties support a portion of expenses associated with the Award, the Budget includes the non-Federal as well as the Federal share (and State share if

applicable) of grant expenses. The Budget submitted by Grantee at application, or a revised Budget subsequently submitted and approved by Grantor, is considered final and is incorporated herein as an attachment.

6.2. Budget Revisions. Grantee shall obtain Prior Approval from Grantor whenever a Budget revision is necessary for one or more of the reasons enumerated in 44 Ill. Admin. Code 7000.370(b). All requests for Budget revisions that require Grantor approval shall be signed by Grantee's authorized representative and submitted to Grantor for approval. Expenditure of funds under a requested revision is prohibited and will not be reimbursed if expended before Grantor gives written approval. 2 CFR 200.308.

6.3. Discretionary Line Item Transfers. Unless prohibited from doing so in 2 CFR 200.308, transfers between approved line items may be made without Grantor's approval only if the total amount transferred does not exceed the allowable variance of the greater of either (i) ten percent (10%) of the Budget line item or (ii) one thousand dollars ($1,000) of the Budget line item. Discretionary line item transfers may not result in an increase to the Budget.

6.4. Non-discretionary Line Item Transfers. Total line item transfers exceeding the allowable variance of the greater of either (i) ten percent (10%) of the Budget line item or (ii) one thousand dollars ($1,000) of the Budget line item require Grantor approval as set forth in Paragraph 6.2.

6.5. Notification. Within thirty (30) calendar days from the date of receipt of the request for Budget revisions, Grantor will review the request and notify Grantee whether the Budget revision has been approved, denied, or the date upon which a decision will be reached.

ARTICLE VII
ALLOWABLE COSTS

7.1. Allowability of Costs; Cost Allocation Methods. The allowability of costs and cost allocation methods for work performed under this Agreement shall be determined in accordance with 2 CFR 200 Subpart E and Appendices III, IV, and V.

7.2. Indirect Cost Rate Submission.

(a) All Grantees must make an Indirect Cost Rate election in the Grantee Portal, even grantees that do not charge or expect to charge Indirect Costs. 44 Ill. Admin. Code 7000.420(d).

(i) Waived and de minimis Indirect Cost Rate elections will remain in effect until the Grantee elects a different option.

(b) A Grantee must submit an Indirect Cost Rate Proposal in accordance with federal regulations, in a format prescribed by Grantor. For Grantees who have never negotiated an Indirect Cost Rate before, the Indirect Cost Rate Proposal must be submitted for approval no later than three months after the effective date of the Award. For Grantees who have previously negotiated an Indirect Cost Rate, the Indirect Cost Rate Proposal must be submitted for approval within 180 days of the Grantee's fiscal year end, as dictated in the applicable appendices, such as:

(i) Appendix V and VII to 2 CFR Part 200 governs Indirect Cost Rate Proposals for state and local governments,

(ii) Appendix III to 2 CFR Part 200 governs Indirect Cost Rate Proposals for public and private institutions of higher education,

(iii) Appendix IV to 2 CFR Part 200 governs Indirect (F&A) Costs Identification and Assignment, and Rate Determination for Nonprofit Organizations, and

(iv) Appendix V to 2 CFR Part 200 governs state/Local Governmentwide Central Service Cost Allocation Plans.

(c) A Grantee who has a current, applicable rate negotiated by a cognizant federal agency shall provide to Grantor a copy of its Indirect Cost Rate acceptance letter from the federal government and a copy of all documentation regarding the allocation methodology for costs used to negotiate that rate, e.g., without limitation, the cost policy statement or disclosure narrative statement. Grantor will accept that Indirect Cost Rate, up to any statutory, rule-based or programmatic limit.

(d) A Grantee who does not have a current negotiated rate, may elect to charge a de minimis rate of 10% of modified total direct costs which may be used indefinitely. No documentation is required to justify the 10% de minimis Indirect Cost Rate. 2 CFR 200.414(f).

7.3. Transfer of Costs. Cost transfers between Grants, whether as a means to compensate for cost overruns or for other reasons, are unallowable. *See* 2 CFR 200.451.

7.4. Higher Education Cost Principles. The Federal cost principles that apply to public and private institutions of higher education are set forth in 2 CFR 200 Subpart E and Appendix III.

7.5. Government Cost Principles. The Federal cost principles that apply to State, local and Federally-recognized Indian tribal governments are set forth in 2 CFR 200 Subpart E, Appendix V, and Appendix VII.

7.6. Financial Management Standards. The financial management systems of Grantee must meet the following standards:

(a) **Accounting System**. Grantee organizations must have an accounting system that provides accurate, current, and complete disclosure of all financial transactions related to each State- and Federally-funded Program. Accounting records must contain information pertaining to State and Federal pass-through awards, authorizations, obligations, unobligated balances, assets, outlays, and income. These records must be maintained on a current basis and balanced at least quarterly. Cash contributions to the Program from third parties must be accounted for in the general ledger with other Grant Funds. Third party in-kind (non-cash) contributions are not required to be recorded in the general ledger, but must be under accounting control, possibly through the use of a memorandum ledger. To comply with 2 CFR 200.305(b)(7)(i) and 30 ILCS 708/520. Grantee shall use reasonable efforts to ensure that funding streams are delineated within Grantee's accounting system. *See* 2 CFR 200.302.

(b) **Source Documentation**. Accounting records must be supported by such source documentation as canceled checks, bank statements, invoices, paid bills, donor letters, time and attendance records, activity reports, travel reports, contractual and consultant agreements, and subaward documentation. All supporting documentation should be clearly identified with the Award and general ledger accounts which are to be charged or credited.

(i) The documentation standards for salary charges to grants are prescribed by 2 CFR 200.430, and in the cost principles applicable to the entity's organization (Paragraphs 7.4 through 7.5).

(ii) If records do not meet the standards in 2 CFR 200.430, then Grantor may notify Grantee in **PART TWO**, **PART THREE** or **Exhibit H** of the requirement to submit Personnel activity

reports. *See* 2 CFR 200.430(i)(8). Personnel activity reports shall account on an after-the-fact basis for one hundred percent (100%) of the employee's actual time, separately indicating the time spent on the grant, other grants or projects, vacation or sick leave, and administrative time, if applicable. The reports must be signed by the employee, approved by the appropriate official, and coincide with a pay period. These time records should be used to record the distribution of salary costs to the appropriate accounts no less frequently than quarterly.

(iii) Formal agreements with independent contractors, such as consultants, must include a description of the services to be performed, the period of performance, the fee and method of payment, an itemization of travel and other costs which are chargeable to the agreement, and the signatures of both the contractor and an appropriate official of Grantee.

(iv) If third party in-kind (non-cash) contributions are used for Grant purposes, the valuation of these contributions must be supported with adequate documentation.

(c) **Internal Control**. Effective control and accountability must be maintained for all cash, real and personal property, and other assets. Grantee must adequately safeguard all such property and must provide assurance that it is used solely for authorized purposes. Grantee must also have systems in place that provide reasonable assurance that the information is accurate, allowable, and compliant with the terms and conditions of this Agreement.

(d) **Budget Control**. Records of expenditures must be maintained for each Award by the cost categories of the approved Budget (including indirect costs that are charged to the Award), and actual expenditures are to be compared with Budgeted amounts at least quarterly.

(e) **Cash Management**. Requests for advance payment shall be limited to Grantee's immediate cash needs. Grantee must have written procedures to minimize the time elapsing between the receipt and the disbursement of Grant Funds to avoid having excess funds on hand. 2 CFR 200.305.

7.7. Federal Requirements. All Grants, whether funded in whole or in part with either Federal or State funds, are subject to Federal requirements and regulations, including but not limited to 2 CFR Part 200, 44 Ill. Admin. Code 7000.30(b) and the Financial Management Standards in Paragraph 7.6.

7.8. Profits. It is not permitted for any person or entity to earn a Profit from an Award. *See, e.g.*, 2 CFR 200.400(g); *see also* 30 ILCS 708/60(a)(7).

7.9. Management of Program Income. Grantee is encouraged to earn income to defray program costs where appropriate, subject to 2 CFR 200.307.

ARTICLE VIII
REQUIRED CERTIFICATIONS

8.1. Certifications. Grantee shall be responsible for compliance with the enumerated certifications to the extent that the certifications apply to Grantee.

(a) **Bribery.** Grantee certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois, nor made an admission of guilt of such conduct which is a matter of record (30 ILCS 500/50-5).

(b) **Bid Rigging.** Grantee certifies that it has not been barred from contracting with a unit of State or local government as a result of a violation of Paragraph 33E-3 or 33E-4 of the Criminal Code of 2012 (720 ILCS 5/33E-3 or 720 ILCS 5/33E-4, respectively).

(c) **Debt to State.** Grantee certifies that neither it, nor its affiliate(s), is/are barred from receiving an Award because Grantee, or its affiliate(s), is/are delinquent in the payment of any debt to the State, unless Grantee, or its affiliate(s), has/have entered into a deferred payment plan to pay off the debt, and Grantee acknowledges Grantor may declare the Agreement void if the certification is false (30 ILCS 500/50-11).

(d) **Educational Loan.** Grantee certifies that it is not barred from receiving State agreements as a result of default on an educational loan (5 ILCS 385/1 *et seq.*).

(e) **International Boycott.** Grantee certifies that neither it nor any substantially owned affiliated company is participating or shall participate in an international boycott in violation of the provision of the U.S. Export Administration Act of 1979 (50 USC Appendix 2401 *et seq.* or the regulations of the U.S. Department of Commerce promulgated under that Act (15 CFR Parts 730 through 774).

(f) **Dues and Fees.** Grantee certifies that it is not prohibited from receiving an Award because it pays dues or fees on behalf of its employees or agents, or subsidizes or otherwise reimburses them for payment of their dues or fees to any club which unlawfully discriminates (775 ILCS 25/1 *et seq.*).

(g) **Pro-Children Act.** Grantee certifies that it is in compliance with the Pro-Children Act of 2001 in that it prohibits smoking in any portion of its facility used for the provision of health, day care, early childhood development services, education or library services to children under the age of eighteen (18), which services are supported by Federal or State government assistance (except such portions of the facilities which are used for inpatient substance abuse treatment) (20 USC 7181-7184).

(h) **Drug-Free Work Place.** If Grantee is not an individual, Grantee certifies it will provide a drug free workplace pursuant to the Drug Free Workplace Act. 30 ILCS 580/3. If Grantee is an individual and this Agreement is valued at more than $5,000, Grantee certifies it shall not engage in the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance during the performance of the Agreement. 30 ILCS 580/4. Grantee further certifies that it is in compliance with the government-wide requirements for a drug-free workplace as set forth in 41 USC 8102.

(i) **Motor Voter Law.** Grantee certifies that it is in full compliance with the terms and provisions of the National Voter Registration Act of 1993 (52 USC 20501 *et seq.*).

(j) **Clean Air Act and Clean Water Act.** Grantee certifies that it is in compliance with all applicable standards, order or regulations issued pursuant to the Clean Air Act (42 USC §7401 *et seq.*) and the Federal Water Pollution Control Act, as amended (33 USC §1251 *et seq.*).

(k) **Debarment.** Grantee certifies that it is not debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this Agreement by any Federal department or agency (45 CFR Part 76), or by the State (*See* 30 ILCS 708/25(6)(G)).

(l) **Non-procurement Debarment and Suspension.** Grantee certifies that it is in compliance with Subpart C of 2 CFR Part 180 as supplemented by 2 CFR Part 376, Subpart C.

(m) **Grant for the Construction of Fixed Works.** Grantee certifies that all Programs for the construction of fixed works which are financed in whole or in part with funds provided by this Agreement shall be subject to the Prevailing Wage Act (820 ILCS 130/0.01 *et seq.*) unless the provisions of that Act exempt its application. In the construction of the Program, Grantee shall comply with the requirements of the Prevailing Wage Act including, but not limited to, inserting into all contracts for such construction a stipulation to the effect that not less than the prevailing rate of wages as applicable to the Program shall be paid to all laborers, workers, and mechanics performing work under the Award and requiring all bonds of contractors to include a provision as will guarantee the faithful performance of such prevailing wage clause as provided by contract.

(n) **Health Insurance Portability and Accountability Act.** Grantee certifies that it is in compliance with the Health Insurance Portability and Accountability Act of 1996 (HIPAA), Public Law No. 104-191, 45 CFR Parts 160, 162 and 164, and the Social Security Act, 42 USC 1320d-2 through 1320d-7, in that it may not use or disclose protected health information other than as permitted or required by law and agrees to use appropriate safeguards to prevent use or disclosure of the protected health information. Grantee shall maintain, for a minimum of six (6) years, all protected health information.

(o) **Criminal Convictions.** Grantee certifies that neither it nor any managerial agent of Grantee has been convicted of a felony under the Sarbanes-Oxley Act of 2002, nor a Class 3 or Class 2 felony under Illinois Securities Law of 1953, or that at least five (5) years have passed since the date of the conviction. Grantee further certifies that it is not barred from receiving an Award under 30 ILCS 500/50-10.5, and acknowledges that Grantor shall declare the Agreement void if this certification is false (30 ILCS 500/50-10.5).

(p) **Forced Labor Act.** Grantee certifies that it complies with the State Prohibition of Goods from Forced Labor Act, and certifies that no foreign-made equipment, materials, or supplies furnished to the State under this Agreement have been or will be produced in whole or in part by forced labor, convict labor, or indentured labor under penal sanction (30 ILCS 583).

(q) **Illinois Use Tax.** Grantee certifies in accordance with 30 ILCS 500/50-12 that it is not barred from receiving an Award under this Paragraph. Grantee acknowledges that this Agreement may be declared void if this certification is false.

(r) **Drone Purchase.** Grantee certifies that, in accordance with guidelines issued from the U.S. Department of Home Security, no grant funds will be utilized to purchase an Unmanned Aircraft System (drone) or any components of a drone whose manufactured origin is the country of China.

(s) **Environmental Protection Act Violations.** Grantee certifies in accordance with 30 ILCS 500/50-14 that it is not barred from receiving an Award under this Paragraph. Grantee acknowledges that this Agreement may be declared void if this certification is false.

(t) **Goods from Child Labor Act.** Grantee certifies that no foreign-made equipment, materials, or supplies furnished to the State under this Agreement have been produced in whole or in part by the labor of any child under the age of twelve (12) (30 ILCS 584).

(u) **Federal Funding Accountability and Transparency Act of 2006.** Grantee certifies that it is in compliance with the terms and requirements of 31 USC 6101.

ARTICLE IX
CRIMINAL DISCLOSURE

9.1. Mandatory Criminal Disclosures. Grantee shall continue to disclose to Grantor all violations of criminal law involving fraud, bribery or gratuity violations potentially affecting this Award. *See* 30 ILCS 708/40. Additionally, if Grantee receives over $10 million in total Grant Funds, funded by either State or Federal funds, during the period of this Award, Grantee must maintain the currency of information reported to SAM regarding civil, criminal or administrative proceedings as required by 2 CFR 200.113 and Appendix II of 2 CFR Part 200, and 30 ILCS 708/40.

ARTICLE X
UNLAWFUL DISCRIMINATION

10.1. Compliance with Nondiscrimination Laws. Both Parties, their employees and subcontractors under subcontract made pursuant to this Agreement, remain compliant with all applicable provisions of State and Federal laws and regulations pertaining to nondiscrimination, sexual harassment and equal employment opportunity including, but not limited to, the following laws and regulations and all subsequent amendments thereto:

(a) The Illinois Human Rights Act (775 ILCS 5/1-101 *et seq.*), including, without limitation, 44 Ill. Admin. Code Part 750, which is incorporated herein;

(b) The Public Works Employment Discrimination Act (775 ILCS 10/1 *et seq.*);

(c) The United States Civil Rights Act of 1964 (as amended) (42 USC 2000a- and 2000h-6). (*See also* guidelines to Federal Financial Assistance Recipients Regarding Title VI Prohibition Against National Origin Discrimination Affecting Limited English Proficient Persons [Federal Register: February 18, 2002 (Volume 67, Number 13, Pages 2671-2685)]);

(d) Section 504 of the Rehabilitation Act of 1973 (29 USC 794);

(e) The Americans with Disabilities Act of 1990 (42 USC 12101 *et seq.*); and

(f) The Age Discrimination Act (42 USC 6101 *et seq.*).

ARTICLE XI
LOBBYING

11.1. Improper Influence. Grantee certifies that no Grant Funds have been paid or will be paid by or on behalf of Grantee to any person for influencing or attempting to influence an officer or employee of any government agency, a member of Congress or Illinois General Assembly, an officer or employee of Congress or Illinois General Assembly, or an employee of a member of Congress or Illinois General Assembly in connection with the awarding of any agreement, the making of any grant, the making of any loan, the entering into of any cooperative agreement, or the extension, continuation, renewal, amendment or modification of any agreement, grant, loan or cooperative agreement. 31 USC 1352. Additionally, Grantee certifies that it has filed the required certification under the Byrd Anti-Lobbying Amendment (31 USC 1352), if applicable.

11.2. Federal Form LLL. If any funds, other than Federally-appropriated funds, were paid or will be paid to any person for influencing or attempting to influence any of the above persons in connection with this Agreement, the undersigned must also complete and submit Federal Form LLL, Disclosure of Lobbying Activities Form, in accordance with its instructions.

11.3. Lobbying Costs. Grantee certifies that it is in compliance with the restrictions on lobbying set forth in 2 CFR 200.450. For any Indirect Costs associated with this Agreement, total lobbying costs shall be separately identified in the Program Budget, and thereafter treated as other Unallowable Costs.

11.4. Procurement Lobbying. Grantee warrants and certifies that it and, to the best of its knowledge, its sub-grantees have complied and will comply with Executive Order No. 1 (2007) (EO 1-2007). EO 1-2007 generally prohibits Grantees and subcontractors from hiring the then-serving Governor's family members to lobby procurement activities of the State, or any other unit of government in Illinois including local governments, if that procurement may result in a contract valued at over $25,000. This prohibition also applies to hiring for that same purpose any former State employee who had procurement authority at any time during the one-year period preceding the procurement lobbying activity.

11.5. Subawards. Grantee must include the language of this ARTICLE XI in the award documents for any subawards made pursuant to this Award at all tiers. All sub-awardees are also subject to certification and disclosure. Pursuant to Appendix II(I) to 2 CFR Part 200, Grantee shall forward all disclosures by contractors regarding this certification to Grantor.

11.6. Certification. This certification is a material representation of fact upon which reliance was placed to enter into this transaction and is a prerequisite for this transaction, pursuant to 31 USC 1352. Any person who fails to file the required certifications shall be subject to a civil penalty of not less than $10,000, and not more than $100,000, for each such failure.

ARTICLE XII
MAINTENANCE AND ACCESSIBILITY OF RECORDS; MONITORING

12.1. Records Retention. Grantee shall maintain for three (3) years from the date of submission of the final expenditure report, adequate books, all financial records and, supporting documents, statistical records, and all other records pertinent to this Award, adequate to comply with 2 CFR 200.334, unless a different retention period is specified in 2 CFR 200.334 or 44 Ill. Admin. Code 7000.430(a) and (b). If any litigation, claim or audit is started before the expiration of the retention period, the records must be retained until all litigation, claims or audit exceptions involving the records have been resolved and final action taken.

12.2. Accessibility of Records. Grantee, in compliance with 2 CFR 200.337 and 44 Ill. Admin. Code 7000.430(e) shall make books, records, related papers, supporting documentation and personnel relevant to this Agreement available to authorized Grantor representatives, the Illinois Auditor General, Illinois Attorney General, any Executive Inspector General, the Grantor's Inspector General, Federal authorities, any person identified in 2 CFR 200.337, and any other person as may be authorized by Grantor (including auditors), by the State of Illinois or by Federal statute. Grantee shall cooperate fully in any such audit.

12.3. Failure to Maintain Books and Records. Failure to maintain books, records and supporting documentation, as described in this ARTICLE XII, shall establish a presumption in favor of the State for the recovery

of any funds paid by the State under this Agreement for which adequate books, records and supporting documentation are not available to support disbursement.

12.4. Monitoring and Access to Information. Grantee must monitor its activities to assure compliance with applicable State and Federal requirements and to assure its performance expectations are being achieved. Grantor shall monitor the activities of Grantee to assure compliance with all requirements and performance expectations of the award. Grantee shall timely submit all financial and performance reports, and shall supply, upon Grantor's request, documents and information relevant to the Award. Grantor may make site visits as warranted by program needs. *See* 2 CFR 200.329 and 200.332. Additional monitoring requirements may be in **PART TWO** or **PART THREE**.

ARTICLE XIII
FINANCIAL REPORTING REQUIREMENTS

13.1. Required Periodic Financial Reports. Grantee agrees to submit financial reports as requested and, in the format, required by Grantor. Grantee shall file quarterly reports with Grantor describing the expenditure(s) of the funds related thereto, unless more frequent reporting is required by the Grantee pursuant to specific award conditions. 2 CFR 200.208. Unless so specified, the first of such reports shall cover the first three months after the Award begins. Quarterly reports must be submitted no later than 30 calendar days following the three-month period covered by the report. Additional information regarding required financial reports may be set forth in **Exhibit H**. Failure to submit the required financial reports may cause a delay or suspension of funding. 30 ILCS 705/1 *et seq.*; 2 CFR 208(b)(3) and 200.328. Any report required by 30 ILCS 708/125 may be detailed in PART TWO and PART THREE.

13.2. Close-out Reports.

(a) Grantee shall submit a Close-out Report within 60 calendar days following the end of the period of performance for this Agreement. In the event that this Agreement is terminated prior to the end of the Term, Grantee shall submit a Close-out Report within 60 calendar days of such termination. The format of this Close-out Report shall follow a format prescribed by Grantor. 2 CFR 200.344; 44 Ill. Admin. Code 7000.440(b).

(b) If an audit or review of Grantee occurs and results in adjustments after Grantee submits a Close-out Report, Grantee will submit a new Close-out Report based on audit adjustments, and immediately submit a refund to Grantor, if applicable. 2 CFR 200.345.

13.3. Annual Financial Reports.

(a) This Paragraph 13.3 applies to all Grantees, unless exempted by **PART TWO** or **PART THREE**.

(b) Grantees shall submit Annual Financial Reports within 180 days after the Grantee's fiscal year ending on or after June 30. This deadline may be extended at the discretion of the Grantor.

(c) The Annual Financial Report must cover the same period the Audited Financial Statements cover. If no Audited Financial Statements are required, however, then the Annual Financial Report must cover the same period as the Grantee's tax return.

(d) Annual Financial Reports must include an in relation to opinion from the report issuer on the Cost and Revenue schedules included in the Annual Financial Report.

(e) Annual Financial Reports shall follow a format prescribed by Grantor.

(f) Notwithstanding anything herein to the contrary, when such reports or statements required under this section are prepared by the Illinois Auditor General, if they are not available by the above-specified due date, they will be provided to Grantor within thirty (30) days of becoming available.

13.4. Effect of Failure to Comply. Failure to comply with reporting requirements shall result in the withholding of funds, the return of improper payments or Unallowable Costs, will be considered a material breach of this Agreement and may be the basis to recover Grant Funds. Grantee's failure to comply with this ARTICLE XIII, ARTICLE XIV, or ARTICLE XV shall be considered prima facie evidence of a breach and may be admitted as such, without further proof, into evidence in an administrative proceeding before Grantor, or in any other legal proceeding. Grantee should refer to the State of Illinois Grantee Compliance Enforcement System for policy and consequence for failure to comply, 44 Ill. Admin Code 7000.80.

ARTICLE XIV
PERFORMANCE REPORTING REQUIREMENTS

14.1. Required Periodic Performance Reports. Grantee agrees to submit Performance Reports as requested and, in the format, required by Grantor. Performance Measures listed in **Exhibit E** must be reported quarterly, unless otherwise specified in **PART TWO**, **PART THREE** or **Exhibit G**. Unless so specified, the first of such reports shall cover the first three months after the Award begins. If Grantee is not required to report performance quarterly, then Grantee must submit a Performance Report at least annually. Pursuant to 2 CFR 200.208, specific conditions may be imposed requiring Grantee to report more frequently based on the risk assessment or the merit-based review of the application. In such cases, Grantor shall notify Grantee of same in **Exhibit G**. Pursuant to 2 CFR 200.329 and 44 Ill. Admin. Code 7000.410(b)(2), periodic Performance Reports shall be submitted no later than the due date(s) specified in **PART TWO** or **PART THREE**. For certain construction-related Awards, such reports may be exempted as identified in **PART TWO** or **PART THREE**. 2 CFR 200.329. Failure to submit such required Performance Reports may cause a delay or suspension of funding. 30 ILCS 705/1 *et seq.*

14.2. Close-out Performance Reports. Grantee agrees to submit a Close-out Performance Report, in the format required by Grantor, within 60 calendar days following the end of the period of performance. *See* 2 CFR 200.343; 44 Ill. Admin. Code 7000.440(b)(1).

14.3. 14.3. Content of Performance Reports. Pursuant to 2 CFR 200.329(b) and (c), all Performance Reports must relate the financial data and accomplishments to the performance goals and objectives of this Award and also include the following: a comparison of actual accomplishments to the objectives of the award established for the period; where the accomplishments can be quantified, a computation of the cost and demonstration of cost effective practices (e.g., through unit cost data); performance trend data and analysis if required; and reasons why established goals were not met, if appropriate. Appendices may be used to include additional supportive documentation. Additional content and format guidelines for the Performance Reports will be determined by Grantor contingent on the Award's statutory, regulatory and administrative requirements, and are included in PART TWO or PART THREE of this Agreement.

14.4. Performance Standards. Grantee shall perform in accordance with the Performance Standards set forth in **Exhibit F**. *See* 2 CFR 200.301 and 200.210.

ARTICLE XV
AUDIT REQUIREMENTS

15.1. Audits. Grantee shall be subject to the audit requirements contained in the Single Audit Act Amendments of 1996 (31 USC 7501-7507) and Subpart F of 2 CFR Part 200, and the audit rules and policies set forth by the Governor's Office of Management and Budget. See 30 ILCS 708/65(c); 44 Ill. Admin. Code 7000.90.

15.1. 15.2. Consolidated Year-End Financial Reports. (CYEFR). All grantees are required to complete and submit a CYEFR through the Grantee Portal. The CYEFR is a required schedule in the Grantee's audit report if the Grantee is required to complete and submit an audit report as set forth herein.

(a) This Paragraph 15.2 applies to all Grantees, unless exempted pursuant to a federal or state statute or regulation, which is identified in PART TWO or PART THREE.

(b) Grantees shall submit Consolidated Year-End Financial Reports, according to the required audit, namely:

(i) For Grantees required to conduct a single audit (or program-specific audit), within the earlier of (a) 9 months after the end of the Grantee's fiscal year or (b) 30 calendar days following completion of the audit; or

(ii) For Grantees required to conduct a Financial Statement Audit or for Grantees not required to perform an audit, within 180 days after the end of Grantee's fiscal year.

These deadlines may be extended at the discretion of the Grantor, but only for rare and unusual circumstances such as a natural disaster.

(c) The Consolidated Year-End Financial Report must cover the same period the Audited Financial Statements cover. If no Audited Financial Statements are required, however, then the Consolidated Year-End Financial Report must cover the same period as the Grantee's tax return.

(d) Consolidated Year-End Financial Reports must include an in relation to opinion from the report issuer on the financial statements included in the Consolidated Year-End Financial Report.

(e) Consolidated Year-End Financial Reports shall follow a format prescribed by Grantor.

15.3. Entities That Are Not "For-Profit".

(a) This Paragraph applies to Grantees that are not "for-profit" entities.

(b) Single and Program-Specific Audits. If, during its fiscal year, Grantee expends $750,000 or more in Federal Awards (direct federal and federal pass-through awards combined), Grantee must have a single audit or program-specific audit conducted for that year as required by 2 CFR 200.501 and other applicable sections of Subpart F of 2 CFR Part 200. The audit report packet must be completed as described in 2 CFR 200.512 (single audit) or 2 CFR 200.507 (program-specific audit), 44 Ill. Admin. Code 7000.90(h)(1) and the current GATA audit manual and submitted to the Federal Audit Clearinghouse, as required by 2 CFR 200.512. The results of peer and external quality control reviews, management letters, AU-C 265 communications and the Consolidated Year-End

Financial Report(s) must be submitted to the Grantee Portal. The due date of all required submissions set forth in this Paragraph is the earlier of (i) 30 calendar days after receipt of the auditor's report(s) or (ii) nine (9) months after the end of the Grantee's audit period.

(c) Financial Statement Audit. If, during its fiscal year, Grantee expends less than $750,000 in Federal Awards, Grantee is subject to the following audit requirements:

(i) If, during its fiscal year, Grantee expends $500,000 or more in Federal and state Awards, singularly or in any combination, from all sources, Grantee must have a financial statement audit conducted in accordance with the Generally Accepted Government Auditing Standards (GAGAS). Grantee may be subject to additional requirements in PART TWO, PART THREE or Exhibit G based on the Grantee's risk profile.

(ii) If, during its fiscal year, Grantee expends less than $500,000 in Federal and state Awards, singularly or in any combination, from all sources, but expends $300,000 or more in Federal and state Awards, singularly or in any combination, from all sources, Grantee must have a financial statement audit conducted in accordance with the Generally Accepted Auditing Standards (GAAS).

(iii) If Grantee is a Local Education Agency (as defined in 34 CFR 77.1), Grantee shall have a financial statement audit conducted in accordance with GAGAS, as required by 23 Ill. Admin. Code 100.110, regardless of the dollar amount of expenditures of Federal and state Awards.

(iv) If Grantee does not meet the requirements in subsections 15.3(b) and 15.3(c)(i-iii) but is required to have a financial statement audit conducted based on other regulatory requirements, Grantee must submit those audits for review.

(v) Grantee must submit its financial statement audit report packet, as set forth in 44 Ill. Admin. Code 7000.90(h)(2) and the current GATA audit manual, to the Grantee Portal within the earlier of (i) 30 calendar days after receipt of the auditor's report(s) or (ii) 6 months after the end of the Grantee's audit period.

15.4. "For-Profit" Entities.

(a) This Paragraph applies to Grantees that are "for-profit" entities.

(b) Program-Specific Audit. If, during its fiscal year, Grantee expends $750,000 or more in Federal Awards (direct federal and federal pass-through awards), from all sources, Grantee is required to have a program-specific audit conducted in accordance with 2 CFR 200.507. The auditor must audit Federal programs with Federal Awards expended that, in the aggregate, cover at least 50 percent (0.50) of total Federal Awards expended. The audit report packet must be completed as described in 2 CFR 200.507 (program-specific audit), 44 Ill. Admin. Code 7000.90 and the current GATA audit manual and must be submitted to the Grantee Portal. The due date of all required submissions set forth in this Paragraph is the earlier of (i) 30 calendar days after receipt of the auditor's report(s) or (ii) nine (9) months after the end of the Grantee's audit period.

(c) Financial Statement Audit. If, during its fiscal year, Grantee expends less than $750,000 in Federal Awards and state Awards, singularly or in any combination, from all sources, Grantee must follow all of the audit requirements in Paragraphs 15.3(c)(i)-(v), above.

(d) Publicly Traded Entities. If Grantee is a publicly traded company, Grantee is not subject to the single audit or program-specific audit requirements, but is required to submit its annual audit conducted in accordance with its regulatory requirements.

15.5. Performance of Audits. For those organizations required to submit an independent audit report, the audit is to be conducted by a Certified Public Accountant or Certified Public Accounting Firm licensed in the state of Illinois or in accordance with Section 5.2 of the Illinois Public Accounting Act (225 ILCS 450/5.2). For all audits required to be performed subject to Generally Accepted Government Auditing standards or Generally Accepted Auditing standards, Grantee shall request and maintain on file a copy of the auditor's most recent peer review report and acceptance letter. Grantee shall follow procedures prescribed by Grantor for the preparation and submission of audit reports and any related documents.

15.6. Delinquent Reports. Grantee should refer to the State of Illinois Grantee Compliance Enforcement System for the policy and consequences for late reporting. 44 Ill. Admin. Code 7000.80.

ARTICLE XVI
TERMINATION; SUSPENSION

16.1. Termination.

(a) This Agreement may be terminated, in whole or in part, by either Party for any or no reason upon thirty (30) days' prior written notice to the other Party. If terminated by the Grantee, Grantee must include the reasons for such termination, the effective date, and, in the case of a partial termination, the portion to be terminated. If Grantor determines in the case of a partial termination that the reduced or modified portion of the Award will not accomplish the purposes for which the Award was made, Grantor may terminate the Agreement in its entirety. 2 CFR 200.340(a)(4).

(b) This Agreement may be terminated, in whole or in part, by Grantor without advance notice:

(i) Pursuant to a funding failure under Paragraph 4.1;

(ii) If Grantee fails to comply with the terms and conditions of this or any Award, application or proposal, including any applicable rules or regulations, or has made a false representation in connection with the receipt of this or any Grant;

(iii) For cause, which may render the Grantee ineligible for consideration for future grants from the Grantor or other State agencies; or

(c) If Grantee breaches this Agreement and either (1) fails to cure such breach within 15 calendar days' written notice thereof, or (2) if such cure would require longer than 15 calendar days and the Grantee has failed to commence such cure within 15 calendar days' written notice thereof. In the event that Grantor terminates this Agreement as a result of the breach of the Agreement by Grantee, Grantee shall be paid for work satisfactorily performed prior to the date of termination.

16.2. Suspension. Grantor may suspend this Agreement, in whole or in part, pursuant to a funding failure under Paragraph 4.1 or if the Grantee fails to comply with terms and conditions of this or any Award. If suspension is due to Grantee's failure to comply, Grantor may withhold further payment and prohibit Grantee from incurring additional obligations pending corrective action by Grantee or a decision to terminate this Agreement by Grantor. Grantor may determine to allow necessary and proper costs that Grantee could not reasonably avoid during the period of suspension.

16.3. Non-compliance. If Grantee fails to comply with the U.S. Constitution, applicable statutes, regulations or the terms and conditions of this or any Award, Grantor may impose additional conditions on Grantee, as described in 2 CFR 200.207. If Grantor determines that non-compliance cannot be remedied by imposing additional conditions, Grantor my take one or more of the actions described in 2 CFR 200.338. The Parties shall follow all Grantor policies and procedures regarding non-compliance, including but not limited to, the procedures set forth in the State of Illinois Grantee Compliance Enforcement System. 44 Ill. Admin. Code 7000.80, 7000.260.

16.4. Objection. If Grantor suspends or terminates this Agreement, in whole or in part, for cause, Grantee may avail itself of any opportunities to object and challenge such suspension or termination in accordance with any applicable written processes and procedures. 2 CFR 200.341; 44 Ill. Admin. Code 7000.80, 7000.260.

16.5. Effects of Suspension and Termination.

(a) Grantor may credit Grantee for expenditures incurred in the performance of authorized services under this Agreement prior to the effective date of a suspension or termination.

(b) Grantee shall not incur any costs or obligations that require the use of these Grant Funds after the effective date of a suspension or termination and shall cancel as many outstanding obligations as possible.

(c) Costs to Grantee resulting from obligations incurred by Grantee during a suspension or after termination of the Agreement are not allowable unless:

i. Grantor expressly authorizes them in the notice of suspension or termination; and

ii. The costs result from obligations properly incurred before the effective date of suspension or termination, are not in anticipation of the suspension or termination, and the costs would be allowable if the Agreement was not suspended or terminated. 2 CFR 200.342.

16.6. Close-out of Terminated Agreements. If this Agreement is terminated, in whole or in part, the Parties shall comply with all close-out and post-termination requirements of this Agreement. 2 CFR 200.339(c).

ARTICLE XVII
SUBCONTRACTS/SUB-GRANTS

17.1. Sub-recipients/Delegation. Grantee may not subcontract nor sub-grant any portion of this Agreement nor delegate any duties hereunder without Prior Approval of Grantor. The requirement for Prior Approval is satisfied if the subcontractor or sub-grantee has been identified in the Uniform Grant Application, such as, without limitation, a Project Description, and Grantor has approved. Grantee must notify any potential sub-recipient that the sub-recipient shall obtain and provide to the Grantee a Unique Entity Identifier prior to receiving a subaward. 2 CFR 25.300.

17.2. Application of Terms. Grantee shall advise any sub-grantee of funds awarded through this Agreement of the requirements imposed on them by Federal and State laws and regulations, and the provisions of this Agreement. In all agreements between Grantee and its sub-grantees, Grantee shall insert term(s) that require

that all sub-grantees adhere to the terms of this Agreement. The terms of this Agreement shall apply to all subawards authorized in accordance with Paragraph 17.1. 2 CFR 200.101(b)(2).

17.3. Liability as Guaranty. Grantee shall be liable as guarantor for any Grant Funds it lawfully obligates to a sub-grantee or sub-contractor pursuant to Paragraph 17.1 in the event the Grantor determines the funds were wither misspent or are being improperly held and the sub-grantee or sub-contractor is insolvent or otherwise fails to return the funds.

ARTICLE XVIII
NOTICE OF CHANGE

18.1. Notice of Change. Grantee shall notify the Grantor if there is a change in Grantee's legal status, Federal employer identification number (FEIN), DUNS number, SAM registration or the state equivalent registration status, Related Parties, or address. *See* 30 ILCS 708/60(a). If the change is anticipated, Grantee shall give thirty (30) days' prior written notice to Grantor. If the change is unanticipated, Grantee shall give notice as soon as practicable thereafter. Grantor reserves the right to take any and all appropriate action as a result of such change(s).

18.2. Failure to Provide Notification. Grantee shall hold harmless Grantor for any acts or omissions of Grantor resulting from Grantee's failure to notify Grantor of these changes.

18.3. Notice of Impact. Grantee shall immediately notify Grantor of any event that may have a material impact on Grantee's ability to perform this Agreement.

18.4. Circumstances Affecting Performance; Notice. In the event Grantee becomes a party to any litigation, investigation or transaction that may reasonably be considered to have a material impact on Grantee's ability to perform under this Agreement, Grantee shall notify Grantor, in writing, within five (5) calendar days of determining such litigation or transaction may reasonably be considered to have a material impact on the Grantee's ability to perform under this Agreement.

18.5. Effect of Failure to Provide Notice. Failure to provide the notice described in Paragraph 18.4 shall be grounds for immediate termination of this Agreement and any costs incurred after notice should have been given shall be disallowed.

ARTICLE XIX
REORGANIZATION

19.1. Effect of Reorganization. Grantee acknowledges that this Agreement is made by and between Grantor and Grantee, as Grantee is currently organized and constituted. No promise or undertaking made hereunder is an assurance that Grantor agrees to continue this Agreement, or any license related thereto, should Grantee reorganize or otherwise substantially change the character of its corporate structure, business structure or governance structure. Grantee agrees that it will give Grantor prior notice of any such action and will provide any and all reasonable documentation necessary for Grantor to review the proposed transaction including financial records and corporate and shareholder minutes of any corporation which may be involved. Failure to comply with this ARTICLE XIX shall constitute a material breach of this Agreement.

ARTICLE XX
AGREEMENTS WITH OTHER STATE AGENCIES

20.1. Applicability. This ARTICLE XX applies to Grantees that are not an instrumentality of the State of Illinois. An instrumentality of the State of Illinois includes, without limitation, State departments, agencies, boards, and State universities. An instrumentality of the State of Illinois does not include, without limitation, municipalities and units of local government and related entities. 2 CFR 200.64.

20.2. Agreement Disclosure. Grantee shall fully disclose, in **Exhibit G**, all contracts and other agreements to which it is a party or it anticipates entering into within one month after the effective date of this Award with any other State agency. For each contract or agreement, Grantee shall indicate:

(a) The name of the State agency;

(b) The number of the contract(s) or other agreement(s);

(c) The estimated amount of the contract(s) or other agreement(s);

(d) The term of the contract(s) or other agreement(s); and

(e) The nature or purpose of the contract(s) or other agreement(s).

If Grantee has multiple Agreements with Grantor for the same fiscal year, Grantee only needs to supplement its previously submitted **Exhibit G**.

20.3. Copies upon Request Grantee shall, upon request by Grantor, provide Grantor with copies of contracts or other agreements to which Grantee is a party with any other State agency.

ARTICLE XXI
CONFLICT OF INTEREST

21.1. Required Disclosures. Grantee must immediately disclose in writing any potential or actual Conflict of Interest to the Grantor. 2 CFR 200.113 and 30 ILCS 708/35.

21.2. Prohibited Payments. Grantee agrees that payments made by Grantor under this Agreement will not be used to compensate, directly or indirectly, any person currently holding an elective office in this State including, but not limited to, a seat in the General Assembly. In addition, where the Grantee is not an instrumentality of the State of Illinois, as described in Paragraph 20.1, Grantee agrees that payments made by Grantor under this Agreement will not be used to compensate, directly or indirectly, any person employed by an office or agency of the State of Illinois whose annual compensation is in excess of sixty percent (60%) of the Governor's annual salary, or $106,447.20 (30 ILCS 500/50-13).

21.3. Request for Exemption. Grantee may request written approval from Grantor for an exemption from Paragraph 21.2. Grantee acknowledges that Grantor is under no obligation to provide such exemption and that Grantor may, if an exemption is granted, grant such exemption subject to such additional terms and conditions as Grantor may require.

ARTICLE XXII
EQUIPMENT OR PROPERTY

22.1. Transfer of Equipment. Grantor shall have the right to require that Grantee transfer to Grantor any equipment, including title thereto, purchased in whole with Grantor funds, if Grantor determines that Grantee has not met the conditions of 2 CFR 200.439(a). Grantor shall notify Grantee in writing should Grantor require the transfer of such equipment. Upon such notification by Grantor, and upon receipt or delivery of such equipment by Grantor, Grantee will be deemed to have transferred the equipment to Grantor as if Grantee had executed a bill of sale therefor.

22.2. Prohibition against Disposition/Encumbrance. The Grantee is prohibited from, and may not sell, transfer, encumber (other than original financing) or otherwise dispose of said equipment, material, or real property during the Grant Term without Prior Approval of Grantor. Any real property acquired using Grant Funds must comply with the requirements of 2 CFR 200.311.

22.3. Equipment and Procurement. Grantee must comply with the uniform standards set forth in 2 CFR 200.310–200.316 governing the management and disposition of property which cost was supported by Grant Funds. Any waiver from such compliance must be granted by either the President's Office of Management and Budget, the Governor's Office of Management and Budget, or both, depending on the source of the Grant Funds used. Additionally, Grantee must comply with the standards set forth in 2 CFR 200.317-200.326 for use in establishing procedures for the procurement of supplies and other expendable property, equipment, real property and other services with Grant Funds. These standards are furnished to ensure that such materials and services are obtained in an effective manner and in compliance with the provisions of applicable Federal and State statutes and executive orders.

22.4. Equipment instructions. Grantee must obtain disposition instructions from Grantor when equipment purchased in whole or in part with Grant Funds are no longer needed for their original purpose. The Grantee shall properly maintain, track, use, store and ensure the equipment according to applicable best practices, manufacture's guidelines, federal and state laws or rules, and Grantor requirements stated herein.

22.5. Domestic Preferences for Procurements. In accordance with 2 CFR 200.322, as appropriate and to the extent consistent with law, the Grantee should, to the greatest extent practicable under this Award, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). The requirements of this paragraph must be included in all subawards and in all contracts and purchase orders for work or products under this Award.

ARTICLE XXIII
PROMOTIONAL MATERIALS; PRIOR NOTIFICATION

23.1. Publications, Announcements, etc. Use of Grant Funds for promotions is subject to the prohibitions for advertising or public relations costs in 2 CFR 200.421(e). In the event that Grantor funds are used in whole or in part to produce any written publications, announcements, reports, flyers, brochures or other written materials, Grantee agrees to include in these publications, announcements, reports, flyers, brochures and all other such material, the phrase "Funding provided in whole or in part by the [Grantor]." Exceptions to this requirement must be requested, in writing, from Grantor and will be considered authorized only upon written notice thereof to Grantee.

23.2. Prior Notification/Release of Information. Grantee agrees to notify Grantor ten (10) days prior to issuing public announcements or press releases concerning work performed pursuant to this Agreement, or funded in whole or in part by this Agreement, and to cooperate with Grantor in joint or coordinated releases of information.

ARTICLE XXIV
INSURANCE

24.1. Purchase and Maintenance of Insurance. Grantee shall maintain in full force and effect during the Term of this Agreement casualty and bodily injury insurance, as well as insurance sufficient to cover the replacement cost of any and all real or personal property, or both, purchased or, otherwise acquired, or improved in whole or in part, with funds disbursed pursuant to this Agreement. 2 CFR 200.310. Additional insurance requirements may be detailed in **PART TWO** or **PART THREE**.

24.2. Claims. If a claim is submitted for real or personal property, or both, purchased in whole with funds from this Agreement and such claim results in the recovery of money, such money recovered shall be surrendered to Grantor.

ARTICLE XXV
LAWSUITS

25.1. Independent Contractor. Neither Grantee nor any employee or agent of Grantee acquires any employment rights with Grantor by virtue of this Agreement. Grantee will provide the agreed services and achieve the specified results free from the direction or control of Grantor as to the means and methods of performance. Grantee will be required to provide its own equipment and supplies necessary to conduct its business; provided, however, that in the event, for its convenience or otherwise, Grantor makes any such equipment or supplies available to Grantee, Grantee's use of such equipment or supplies provided by Grantor pursuant to this Agreement shall be strictly limited to official Grantor or State of Illinois business and not for any other purpose, including any personal benefit or gain.

25.2. Liability. Neither Party shall be liable for actions chargeable to the other Party under this Agreement including, but not limited to, the negligent acts and omissions of Party's agents, employees or subcontractors in the performance of their duties as described under this Agreement, unless such liability is imposed by law. This Agreement shall not be construed as seeking to enlarge or diminish any obligation or duty owed by one Party against the other or against a third party.

ARTICLE XXVI
MISCELLANEOUS

26.1. Gift Ban. Grantee is prohibited from giving gifts to State employees pursuant to the State Officials and Employees Ethics Act (5 ILCS 430/10-10) and Executive Order 15-09.

26.2. Access to Internet. Grantee must have Internet access. Internet access may be either dial-up or high-speed. Grantee must maintain, at a minimum, one business e-mail address that will be the primary receiving

point for all e-mail correspondence from Grantor. Grantee may list additional e-mail addresses at any time during the Term of this Agreement. The additional addresses may be for a specific department or division of Grantee or for specific employees of Grantee. Grantee must notify Grantor of any e-mail address changes within five (5) business days from the effective date of the change.

26.3. Exhibits and Attachments. **Exhibits A** through **H**, **PART TWO**, **PART THREE**, if applicable, and all other exhibits and attachments hereto are incorporated herein in their entirety.

26.4. Assignment Prohibited. Grantee acknowledges that this Agreement may not be sold, assigned, or transferred in any manner by Grantee, to include an assignment of Grantee's rights to receive payment hereunder, and that any actual or attempted sale, assignment, or transfer by Grantee without the Prior Approval of Grantor in writing shall render this Agreement null, void and of no further effect.

26.5. Amendments. This Agreement may be modified or amended at any time during its Term by mutual consent of the Parties, expressed in writing and signed by the Parties.

26.6. Severability. If any provision of this Agreement is declared invalid, its other provisions shall not be affected thereby.

26.7. No Waiver. No failure of either Party to assert any right or remedy hereunder will act as a waiver of either Party's right to assert such right or remedy at a later time or constitute a course of business upon which either Party may rely for the purpose of denial of such a right or remedy.

26.8. Applicable Law; Claims. This Agreement and all subsequent amendments thereto, if any, shall be governed and construed in accordance with the laws of the State of Illinois. Any claim against Grantor arising out of this Agreement must be filed exclusively with the Illinois Court of Claims. 705 ILCS 505/1 *et seq.* Grantor does not waive sovereign immunity by entering into this Agreement.

26.9. Compliance with Law. This Agreement and Grantee's obligations and services hereunder are hereby made and must be performed in compliance with all applicable Federal and State laws, including, without limitation, Federal regulations, State administrative rules, including 44 Ill. Admin. Code 7000, and any and all license requirements or professional certification provisions.

26.10. Compliance with Confidentiality Laws. If applicable, Grantee shall comply with applicable State and Federal statutes, Federal regulations and Grantor administrative rules regarding confidential records or other information obtained by Grantee concerning persons served under this Agreement. The records and information shall be protected by Grantee from unauthorized disclosure.

26.11. Compliance with Freedom of Information Act. Upon request, Grantee shall make available to Grantor all documents in its possession that Grantor deems necessary to comply with requests made under the Freedom of Information Act. (5 ILCS 140/7(2)).

26.12. Precedence. In the event there is a conflict between this Agreement and any of the exhibits or attachments hereto, this Agreement shall control. In the event there is a conflict between **PART ONE** and **PART TWO** or **PART THREE** of this Agreement, **PART ONE** shall control. In the event there is a conflict between **PART TWO** and **PART THREE** of this Agreement, **PART TWO** shall control. In the event there is a conflict between this Agreement and relevant statute(s) or Administrative Rule(s), the relevant statute(s) or rule(s) shall control.

26.13. Illinois Grant Funds Recovery Act. In the event of a conflict between the Illinois Grant Funds Recovery Act and the Grant Accountability and Transparency Act, the provisions of the Grant Accountability and Transparency Act shall control, 30 ILCS 708/80.

26.14. Headings. Article and other headings contained in this Agreement are for reference purposes only and are not intended to define or limit the scope, extent or intent of this Agreement or any provision hereof.

26.15. Entire Agreement. Grantee and Grantor acknowledge that this Agreement constitutes the entire agreement between them and that no promises, terms, or conditions not recited, incorporated or referenced herein, including prior agreements or oral discussions, shall be binding upon either Grantee or Grantor.

26.16. Counterparts. This Agreement may be executed in one or more counterparts, each of which shall be considered to be one and the same agreement, binding on all Parties hereto, notwithstanding that all Parties are not signatories to the same counterpart. Duplicated signatures, signatures transmitted via facsimile, or signatures contained in a Portable Document Format (PDF) document shall be deemed original for all purposes.

26.17. Attorney Fees and Costs. If Grantor prevails in any proceeding to enforce the terms of this Agreement, including any administrative hearing pursuant to the Grant Funds Recovery Act or the Grant Accountability and Transparency Act, the Grantor has the right to recover reasonable attorneys' fees, costs and expenses associated with such proceedings.

26.18. Continuing Responsibilities. The termination or expiration of this Agreement does not affect: (a) the right of the Grantor to disallow costs and recover funds based on a later audit or other review; (b) the obligation of the Grantee to return any funds due as a result of later refunds, corrections or other transactions, including final indirect cost rate adjustments, including those funds obligated pursuant to **Error! Reference source not found.**; (c) the Consolidated Year-End Financial Report; (d) audit requirements established in **Error! Reference source not found.**; (e) property management and disposition requirements established in 2 CFR 200.310 through 2 CFR 200.316 and ARTICLE XXII; or (f) records related requirements pursuant to ARTICLE XII. 44 Ill. Admin. Code 7000.450.

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EXHIBIT A

PROJECT DESCRIPTION

The Grantor has been awarded a grant, EMC-2020-PC-0006 from the Federal Emergency Management Agency (FEMA) in accordance with the Pre-Disaster Mitigation Grant Program. As authorized by Section 404 of the Stafford Act, 42 U.S.C., the key purpose of funding a hazard mitigation project is to ensure that the opportunity to take critical mitigation measures to reduce the risk of loss of life and property from future disasters is not lost during the reconstruction process following a disaster. These funds are also designed to assist States, territories, federally-recognized tribes, and local communities to administer and complete an approved Pre-Disaster Mitigation project to reduce overall risk to the population and structures from future hazard events. The purpose of this grant is to reimburse local governments (such as Grantee) for costs to administer and complete the approved Pre-Disaster Mitigation project within the Period of Performance (PoP). The function of the project is to reduce the loss of life and property, human suffering, economic disruption, and disaster assistance costs resulting from natural disasters.

EXHIBIT B

DELIVERABLES OR MILESTONES

Deliverables are directly related to the successful completion of the approved scope of work.

Mitigation efforts for stormwater management improvements by the installation of stormwater management culverts and stormwater management detention and retention basins within the Village of Villa Park's Sugar Creek Watershed.

EXHIBIT C

PAYMENT

Grantee shall receive approximately $4,000,000.00 under this Agreement.

Village of Villa Park	PDMC-PJ-05-IL-2019-028 Flood Mitigation Project	$4,000,000.00

Cost Estimate

403.1 – Stormwater Management-Culverts **Federal Share: $1,633,363.77**

Item Name	Cost Classification	Unit Quantity	Unit of Measure	Unit Cost ($)	Cost Estimate ($)
22 Pay Item 44000500 COMBO CURB AND GUTTER REMOVAL	Demolition And Removal	2,046.00	Linear Foot	$ 5.00	$ 10,230.00
23 Pay Item 44000600 SIDEWALK REMOVAL	Demolition And Removal	108.00	Linear Foot	$ 2.00	$ 216.00
25 Pay Item 55100500 STORM SEWER REMOVAL 12"	Demolition And Removal	1,076.00	Linear Foot	$ 10.00	$ 10,760.00
26 Pay Item 55100700 STORM SEWER REMOVAL 15"	Demolition And Removal	120.00	Linear Foot	$ 12.00	$ 1,440.00
27 Pay Item 55100900 STORM SEWER REMOVAL 18"	Demolition And Removal	150.00	Linear Foot	$ 15.00	$ 2,250.00
28 Pay Item 55101200 STORM SEWER REMOVAL 24"	Demolition And Removal	221.00	Linear Foot	$ 20.00	$ 4,420.00
34 Pay Item 60603800 COMBO CONC C&G, TYP B-6.12	Construction And Project Improvement	2,398.00	Linear Foot	$ 30.00	$ 71,940.00
41 Pay Item 550A0520 SS, CLASS A, TYPE 2 72"	Construction And Project Improvement	1,708.00	Linear Foot	$ 410.00	$ 700,280.00
42 Pay Item 550A0820 SS, CLASS A, TYPE 3 72"	Construction And Project Improvement	297.00	Linear Foot	$ 425.00	$ 126,225.00
52 Pay Item Special PRECAST 4' DIA "T" MH FOR 72"	Construction And Project Improvement	5.00	Each	$ 7,500.00	$ 37,500.00
53 Pay Item Special PRECAST 4' DIA "T" MH FOR 60"	Construction And Project Improvement	2.00	Each	$ 7,500.00	$ 15,000.00
54 Pay Item Special MH, TYPE A, 12' DIA, TYP 1F&CL	Construction And Project Improvement	1.00	Each	$ 50,000.00	$ 50,000.00
55 Pay Item 60218300 MH, TYPE A, 4' DIA, TYP1 F&CL	Construction And Project Improvement	2.00	Each	$ 4,500.00	$ 9,000.00
56 Pay Item 60224446 MH, TYPE A, 7' DIA TYP 1 F&CL	Construction And Project Improvement	1.00	Each	$ 7,000.00	$ 7,000.00
58 Pay Item Special HIGH CAPACITY INLETS	Construction And Project Improvement	6.00	Each	$ 250.00	$ 1,500.00
61 Pay Item Special GRATING FOR CONCRETE FES 72"	Construction And Project Improvement	1.00	Each	$ 1,500.00	$ 1,500.00
1 Pay Item 20100110 TREE REMOVAL (6-15 UNITS DIAM)	Demolition And Removal	33.00	Each	$ 20.00	$ 660.00
15 Pay Item 28200200 FILTER FABRIC	Construction And Project Improvement	383.00	Square Yard	$ 5.00	$ 1,915.00
12 Pay Item 28000510 INLET FILTERS	Construction And Project Improvement	56.00	Each	$ 150.00	$ 8,400.00
16 Pay Item 40600290 BITUMINOUS (TACK COAT)	Construction And Project Improvement	29,037.00	Unknown	$ 1.00	$ 29,037.00
17 Pay Item 35101600 AGG BASE COURSE, TYPE B 4"	Construction And Project Improvement	105.00	Square Yard	$ 10.00	$ 1,050.00
18 Pay Item 40603080 HOT-MIX BINDER CRS, IL-19.0	Construction And Project Improvement	1,011.00	Ton	$ 100.00	$ 101,100.00
19 Pay Item 40603335 HOT-MIX SURFACE CRS, MIX "D	Construction And Project Improvement	578.00	Ton	$ 150.00	$ 86,700.00
20 Pay Item 42400200 PC CONCRETE SIDEWALK 5"	Construction And Project Improvement	105.00	Square Foot	$ 7.00	$ 735.00
21 Pay Item 44000100 PAVEMENT REMOVAL	Demolition And Removal	873.00	Square Yard	$ 10.00	$ 8,730.00
44 Pay Item X2130010 EXPLORATION TRENCH, SPECIAL	Construction And Project Improvement	20.00	Linear Foot	$ 150.00	$ 3,000.00

45 Pay Item X5509900 ABANDON AND FILL EXISTING SS	Construction And Project Improvement	383.00	Linear Foot	$ 1.00	$ 383.00
46 Pay Item X7010216 TRAFFIC CONTROL (SPECIAL)	Construction And Project Improvement	1.00	Each	$ 20,000.00	$ 20,000.00
51 Pay Item Special PARKWAY RESTORATION	Construction And Project Improvement	105.00	Square Yard	$ 30.00	$ 3,150.00
57 Pay Item Special DRIVEWAY REPLACEMENT	Construction And Project Improvement	16.00	Each	$ 1,220.00	$ 19,520.00
50 Pay Item Special UTILITY RELOCATE / ADJUSTMENTS	Construction And Project Improvement	1.00	Each	$ 100,000.00	$ 100,000.00
14 Pay Item 28100111 STONE RIPRAP, CLASS A6	Construction And Project Improvement	160.00	Square Yard	$ 180.00	$ 28,800.00
24 Pay Item 54213717 PRECAST RCP FES 72"	Construction And Project Improvement	1.00	Each	$ 10,000.00	$ 10,000.00
29 Pay Item 60200105 CB, TYPE A, 4', TYPE 1, OL	Construction And Project Improvement	2.00	Each	$ 4,500.00	$ 9,000.00
30 Pay Item 60203805 CB, 5' DLTYPE A, TYPE 1, OL	Construction And Project Improvement	2.00	Each	$ 5,500.00	$ 11,000.00
31 Pay Item 60224459 MH, TYPE A, 8' DIA, TYPE 1CL	Construction And Project Improvement	1.00	Each	$ 30,000.00	$ 30,000.00
32 Pay Item 60236825 INLETS, TYPE A, TYPE 11V F&G	Construction And Project Improvement	13.00	Each	$ 1,200.00	$ 15,600.00
33 Pay Item 60236200 INLETS, TYPE A, TYPE 8 GRATE	Construction And Project Improvement	24.00	Each	$ 1,200.00	$ 28,800.00
35 Pay Item 550A0340 SS, CLASS A, TYPE 2, 12"	Construction And Project Improvement	557.00	Linear Foot	$ 65.00	$ 36,205.00
36 Pay Item 550A0410 SS, CLASS A, TYPE 2 24"	Construction And Project Improvement	214.00	Linear Foot	$ 100.00	$ 21,400.00
37 Pay Item 550A0380 SS, CLASS A, TYPE 2 18"	Construction And Project Improvement	158.00	Linear Foot	$ 90.00	$ 14,220.00
38 Pay Item 550A0360 SS, CLASS A, TYPE 2 15"	Construction And Project Improvement	440.00	Linear Foot	$ 75.00	$ 33,000.00
39 Pay Item 550A0470 SS, CLASS A, TYPE 2 42"	Construction And Project Improvement	339.00	Linear Foot	$ 250.00	$ 84,750.00
40 Pay Item 550A0500 SS, CLASS A, TYPE 2 60"	Construction And Project Improvement	250.00	Linear Foot	$ 350.00	$ 87,500.00
43 Pay Item X0322936 REMOVE EXISTING FES	Demolition And Removal	1.00	Each	$ 500.00	$ 500.00
47 Pay Item Special PRECON VIDEO RECORDING	Construction And Project Improvement	1.00	Each	$ 3,000.00	$ 3,000.00
Project Closeout	Administrative Expense	1.00	Each	$ 5,000.00	$ 5,000.00
13 Pay Item 28100107 STONE RIPRAP, CLASS A4	Construction And Project Improvement	224.00	Square Yard	$ 65.00	$ 14,560.00
Project Management	Administrative Expense	1.00	Each	$ 10,000.00	$ 10,000.00
Final Design, Permitting, Plans & Construction Eng	Architectural Engineering Basic Fees	1.00	Each	$ 110,000.00	$ 110,000.00
6 Pay Item 20800150 TRENCH BACKFILL	Construction And Project Improvement	6,060.00	Cubic Yard	$ 50.00	$ 303,000.00
Total Cost					$ 2,289,976.00

Cost Estimate

403.4 – Stormwater Management-Detention Basins

Federal Share: $2,366,636.23

Item Name	Cost Classification	Unit Quantity	Unit of Measure	Unit Cost ($)	Cost Estimate ($)
63 Pay Item 66404700 CHAIN LINK GATES, 4'X4' SINGL	Construction And Project Improvement	2.00	Each	$ 1,000.00	$ 2,000.00
64 Pay Item Special GEOTEXTILE FABRIC BARRIER	Construction And Project Improvement	16,500.00	Square Yard	$ 2.45	$ 40,425.00
2 Pay Item 20101000 TEMPORARY FENCE	Construction And Project Improvement	1,290.00	Linear Foot	$ 6.00	$ 7,740.00
3 Pay Item 20200100 EARTH EXCAVATION	Construction And Project Improvement	500.00	Cubic Yard	$ 6.00	$ 3,000.00
4 Pay Item 20201200 REMOVAL OF UNSUITABLE (NonJMS)	Construction And Project Improvement	2,840.00	Cubic Yard	$ 35.00	$ 99,400.00
5 Pay Item 20201200 REMOVAL OF UNSUITABLE (JMS)	Construction And Project Improvement	53,910.00	Cubic Yard	$ 55.00	$ 2,965,050.00

49 Pay Item Z0013798 CONSTRUCTION LAYOUT	Construction And Project Improvement	1.00	Each	$ 20,000.00	$ 20,000.00
62 Pay Item 66400105 CHAIN LINK FENCE, HEIGHT 4'	Construction And Project Improvement	1,785.00	Linear Foot	$ 40.00	$ 71,400.00
7 Pay Item 21101505 TOPSOIL EXCAV AND PLACEMENT	Construction And Project Improvement	1,780.00	Cubic Yard	$ 8.00	$ 14,240.00
9 Pay Item 25000100 SEEDING, CLASS 1	Construction And Project Improvement	4.00	Acre	$ 3,500.00	$ 14,000.00
10 Pay Item 25100630 EROSION CONTROL BLANKET	Construction And Project Improvement	19,360.00	Square Yard	$ 2.15	$ 41,624.00
48 Pay Item Z0013797 STABILIZED CONSTRUCT ENTRANCE	Construction And Project Improvement	44.00	Square Yard	$ 25.00	$ 1,100.00
8 Pay Item 21101645 TOPSOIL FURNISH AND PLACE, 12"	Construction And Project Improvement	3,150.00	Square Yard	$ 10.00	$ 31,500.00
11 Pay Item 28000400 PERIMETER EROSION BARRIER	Construction And Project Improvement	1,870.00	Linear Foot	$ 3.50	$ 6,545.00
Total Cost					$ 3,318,024.00

Total Project Cost Estimate: $5,608,000.00

The Grantee shall submit a signed request for payment/reimbursement form and a copy of the related receipts or invoices that verify expenditures for eligible grant funds to the Grantor for review by mail, or fax to the following addresses or fax number:

IEMA
Attention: State Hazard Mitigation Officer
1035 Outer Park Drive
Springfield, IL 62704
Fax: (217)782-8753

EXHIBIT D

CONTACT INFORMATION

CONTACT FOR NOTIFICATION:

Unless specified elsewhere, all notices required or desired to be sent by either Party shall be sent to the persons listed below.

GRANTOR CONTACT

Name: Sam Al-Basha

Title: State Hazard Mitigation Officer

Address: 1035 Outer Park Drive, Springfield, IL 62704

Phone: 217-785-9942

TTY#:

Fax#: 217-782-8753

E-mail Address: sam.m.al-basha@illinois.gov

GRANTEE CONTACT

Name: Mr. Kevin Mantels

Title: Assistant Village Engineer, Village of Villa Park

Address: 20 South Ardmore, Villa Park, IL 60181-2610

Phone: 630-834-8505

TTY #:

Fax #:

E-mail Address: kmantels@invillapark.com

Additional Information:

EXHIBIT E

PERFORMANCE MEASURES

The Grantee shall submit quarterly status reports to the State Hazard Mitigation Officer (SHMO) within fifteen days following the end of the quarter (January 15, April 15, July 15, and October 15). Said report will include the status of the project, work completed toward the milestones described in Exhibit B, the anticipated project completion date, and financial information.

To ensure adequate time for review and the provision of technical assistance, IEMA requests that all Sub Grantees make reasonable attempts to submit the required form by the **5th day** following the end of each quarter.

Period Covered	**QPR Requested Submission Date**	**QPR Mandatory Deadline**
October 1 – December 31	January 5th	January 15th
January 1 – March 31	April 5th	April 15th
April 1 – June 30	July 5th	July 15th
July 1 – September 30	October 5th	October 15th

Submit the Quarterly Status Reports and all supporting documents to ema.mitigation@illinois.gov

EXHIBIT F

PERFORMANCE STANDARDS

Performance standards include:

1. Appropriate use of grant funds in accordance with the approved scope of work and budget, and the terms outlined in this Agreement.

2. The timely submittal of required documentation as defined in Exhibit E of this Agreement.

3. Adequate results from grant monitoring conducted by the Grantor.

EXHIBIT G

STATE AGENCY CONTRACTS

N/A

EXHIBIT H

SPECIFIC CONDITIONS

1. The Grantee will provide all necessary financial and managerial resources to meet the terms and conditions of this Agreement. The Grantee agrees to comply with any special conditions contained in the Notice of State Award (NOSA) that have been imposed as a result of the Grantee's programmatic, financial and administrative internal control questionnaires.

2. The Grantee is aware that the grant program requires cost-sharing on the basis of not more than 75 percent Federal and at least 25 percent non-Federal contributions and that the Grantee is required to provide and/or secure the full non-Federal share for mitigation activities.

3. The Grantee may send a written request to the Grantor for a portion of the total contract amount upon the following conditions:

   a) The Grantee will spend the funds requested within a twenty-day period after receipt of the funds from Grantor. Additional funds may be drawn upon request, based on need and the ability to spend within a twenty-day period;

   b) The Grantee cannot receive more than 75% of the Federal share of the funds until the plan is completed and submitted to FEMA; and

   c) The Grantee cannot receive more than 90% of the Federal share of the funds until the plan is approved by FEMA and adopted by the Grantee.

4. If the Grantee fails to expend or is over-advanced grant funds, the Grantor reserves the right to recapture funds in accordance with the applicable Federal or State laws and requirements.

5. FEMA will recoup mitigation planning grant funds for grants that do not meet the deliverable criteria of an adopted, FEMA-approved mitigation plan by the end of the performance period. The amount recouped will be based on the following guidelines:

   a) Jurisdictions with plans that have been approved pending adoption by the FEMA Regional Office, but are not yet formally adopted (in accordance with FEMA regulations) by the end of the performance period, must return a minimum of 10% of the grant award.

   b) Jurisdictions with plans that have been reviewed by the FEMA Regional Office, but require changes in order to meet the minimum requirements, must return a minimum of 25% of the grant award if the required changes have not been made by the end of the performance period.

   c) Jurisdictions with plans that have not been submitted to the FEMA Regional Office for review by the end of the performance period must return 100% of the grant award.

   d) If the payment request is denied, the applicant will be so advised in writing and given the reason for the denial.

6. The Grantor and FEMA retain statutory rights to use and to authorize others to use the Grantee's plan

document

7. The Grantee will begin the project work within 30 days of the execution of the Agreement and complete all items of work within two years unless an amendment is executed in accordance with Paragraph 26.5.