

CITY OF CREST HILL
INNER CIRCLE DRIVE, MARLBORO LANE, HOSMER LANE
2026 WATER MAIN IMPROVEMENT PROJECT



**AGREEMENT
BETWEEN THE CITY OF CREST HILL
AND “CONTRACTOR”**

THIS AGREEMENT (“Agreement”) is made and entered into by and between the City of Crest Hill (“City”) and P.T. Ferro Construction Co. (“Contractor”) on this, the ___ day of _____, 2026. The City and the Contractor may be referred to individually as a “Party” or collectively as the “Parties,” where appropriate.

1. The Contract Documents, in order of priority, shall consist of the following:
 - i. This Agreement
 - ii. Addendum number 1, inclusive.
 - iii. Contract Special Provisions bearing the title “Special Provisions for Inner Circle Drive, Marlboro Lane, Hosmer Lane Water Main Improvement Project.”
 - iv. All Contract Drawings and Construction Details included with the notice to bidders, invitation to bid, and bidding instructions for the Inner Circle Drive, Hosmer Lane, Rahill Court Water Main Improvement Project.
 - v. City of Crest Hill Division 100 bearing the title General Requirements and Covenants
 - vi. Performance and Payment Bonds.
 - vii. Contractor’s Bid and Proposal.
 - viii. All documentation submitted by Contractor prior to notice of Award.
 - ix. Notice to bidders, invitation to bid, and bidding instructions for the Inner Circle Drive, Marlboro Lane & Hosmer Lane Water Main Improvement Project.
 - x. Notice of Award.
 - xi. Notice to Proceed.

The documents listed in this Paragraph 1, above, are not attached to this Agreement (except as expressly noted otherwise above) but are incorporated herein by reference. The Contract Documents (as set forth above) may only be amended, modified, or supplemented as provided in the City of Crest Hill Division 100 bearing the title General Requirements and Covenants. To the extent any provisions of any of the Contract Documents conflict with this Agreement, the provisions that are most beneficial to the City shall control. In the event that the Contract believes such a conflict exists, the Contractor shall, as soon as practicable, request clarification from the City.

2. THE WORK

The Contractor shall fully execute the Work, as described and set out in the Contract Documents in a good and workmanlike manner.

3. DATES OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

The Contractor shall commence the work within fifteen (15) days after the date set forth in the Notice to Proceed issued by the City in connection with this Agreement (the "Commencement Date"). The Contractor shall achieve substantial completion of the entire Work:

_____ Within _____ days after the Commencement Date.

X On or before November 6, 2026 for all water main, storm sewer, and pavement/ concrete work, and May 14, 2027 for all pavement marking and restoration related scope.

After the date of substantial completion, the Contractor shall have an additional 5 working days to complete all clean-up and punch-list items.

The Contractor shall not be entitled to payment or compensation for any alleged damages, costs, or expenses whatsoever that arise in connection with the Contractor ensuring timely completion of the Work, regardless of the source or cause of such alleged damages, costs, or expenses and regardless of whether said source or cause was reasonable, foreseeable, or avoidable. In the event that the Contractor believes that it will suffer damages or incur additional costs, including but not limited to any costs of acceleration, or expenses and the source or cause of such damages, costs, or expenses was an act of the City or an act of God, the Contractor's only recourse and remedy shall be to request an extension of the time for substantial completion, which the City may agree, but is not obligated, to grant in its sole discretion.

4. LIQUIDATED DAMAGES

The City and the Contractor agree that any breach of this agreement by the Contractor that results in the delay of the project will cause the City to be damaged in a manner and amount that is uncertain and difficult to ascertain. In light of this agreement, the City and Contractor further agree that, in the event that the Contractor breaches any provision of this Agreement and such breach results in any delay of the project, the Contractor shall pay the City liquidated damages in the amounts set forth in the Contract Documents. The Parties agree and affirm that, while actual damages may be difficult to prove because of an unexpected breach of this Agreement, and delay of the project, by the Contractor, the liquidated damages set forth in the Contract Documents are reasonable as of the time this Agreement is executed. Further, the Parties agree and affirm that said damages bear a rational relation and connection to the damages that are reasonably foreseeable to be sustained by the City as a result of Contractor's unexpected breach of this Agreement. Accordingly, it is the express intent of the Parties, as evidenced by their respective execution of this Agreement, to hereby settle any claims of damages that might arise as a result of Contractor's breach of this Agreement, to the extent that such breach causes any actual delay of the project.

5. CONTRACT SUM

The City shall pay the Contractor for the performance of the Work in the manner and at the rate bid and accepted by the City as shown on the Contractor's Bid Proposal Form and the City's Notice of Award.

6. PROGRESS PAYMENTS

- (a) The Contractor shall file progress payment requests on a monthly basis, and the City shall make payments to the Contractor as provided below and elsewhere in the Contract Documents.
- (b) The period covered by each period payment request shall be one calendar month ending on the last day of the month.
- (c) Upon receipt of any progress payment request, the City shall review and respond to the request within Sixty (60) days after receipt by either paying the Contractor the sums requested or else by withholding payment of all or part of said sums and notifying the Contractor in writing of the reasons for such withholding.
- (d) Progress payments shall be computed as follows:
 - (i) The amount of each progress payment shall include:
 - (1) That portion of the Contract Sum properly allocable to labor, materials, and equipment used for completed and approved Work during the time period being billed.
 - (ii) The amount of each progress payment shall then be reduced by:
 - (1) The aggregate of any amounts previously paid by the City; and
 - (2) The amount, if any, for Work that remains uncorrected and for which the City previously withheld payment or part thereof; and
 - (3) For Work performed or defects discovered since the last payment application, any amount for which the City may withhold payment as set forth in the Contract Documents; and
 - (4) Retainage, as set forth herein.
- (e) In order to be valid, each request for payment shall include or be accompanied by the following:
 - (i) A sworn statement showing the amount presently due to the Contractor (supported by detailed timecards and invoices for materials the amount previously paid), the sum of all amounts previously paid to the Contractor, and the total amount remaining to be paid to Contractor under the Contract.

- (ii) A list of all subcontractors, suppliers, and materialmen, if any, who have been engaged to perform work in connection with the Project, which list shall be sworn and shall show the sum of all amounts previously paid, presently due, and remaining to be paid to each subcontractor, supplier, and/or materialman.
- (iii) A sworn lien waiver, signed by the Contractor or its authorized representative, that fully and satisfactorily waives any and all lien rights that the Contractor may have in the Work or any property or funds of the City in an amount equal to the sum of the amount requested for payment and all amounts previously paid or retained during the course of the Contract.
- (iv) Sworn lien waivers signed by each subcontractor, supplier, and/or materialman on whose behalf the Contractor is applying for payment in any amount whatsoever, that fully and satisfactorily waives any and all lien rights that such subcontractor, supplier, and/or materialman may have in the Work or any property or funds of the City in an amount equal to the sum of the amount requested for payment to said subcontractor, supplier, and/or materialman and all amounts previously paid or retained during the course of the Contract for the purpose of paying said subcontractor, supplier, and/or materialman.

7. REDUCTIONS IN PAYMENT BY CITY (CITY'S RIGHT TO SETOFF)

- (a) The Parties hereby agree that the City is entitled to impose a set-off against payment based on any of the following:
 - (i) Claims have been made against the City on account of the Contractor's conduct in the performance or furnishing of the Work, or the City has incurred costs, losses, or damages on account of the Contractor's conduct in the performance or furnishing of the Work, including but not limited to claims, costs, losses, or damages from workplace injuries, adjacent property damage, non-compliance with Laws and Regulations, and patent infringement; or
 - (ii) The Contractor has failed to take reasonable and customary measures to avoid damage, delay, disruption, and interference with other work at or adjacent to the Site; or
 - (iii) The Contractor has failed to provide and maintain required bonds or insurance; or
 - (iv) The City has been required to remove or remediate a hazardous environmental condition for which the Contractor is responsible; or
 - (v) The City has incurred extra charges or engineering costs related to submittal reviews, evaluations of proposed substitutes, tests and inspections, or return visits to manufacturing or assembly facilities; or
 - (vi) The Work is defective, requiring correction or replacement; or
 - (vii) The City has been required to correct defective Work at its own cost; or
 - (viii) The Contract Sum has been reduced by change orders; or

- (ix) An event that would constitute justify the City to terminate this Agreement for cause has occurred; or
 - (x) Liquidated damages have accrued as a result of the Contractor's failure to timely achieve Substantial Completion or final completion of the Work; or
 - (xi) Liens have been filed in connection with the Work, except where the Contractor has delivered a specific bond satisfactory to the City to secure the satisfaction and discharge of such Liens; or
 - (xii) There are other items entitling the City to a set off.
- (b) If the City imposes any set-off against payment the City will give the Contractor immediate written notice stating the reasons for such action and the specific amount of the reduction and shall promptly pay the Contractor any amount remaining after deduction of the amount so withheld. The City shall promptly pay the Contractor the amount so withheld, or any adjustment thereto agreed to by the City and the Contractor, if the Contractor remedies the reasons for such action. The reduction imposed shall be binding on the Contractor unless it duly submits a change proposal contesting the reduction.
- (c) Upon a subsequent determination that the City 's refusal of payment was not justified, the amount wrongfully withheld shall be promptly paid, along with 5% interest per annum.

8. RETAINAGE

Retainage will be held based on Public Act 103-0570. 10% will be held up to 50% completion of the project. When more than 50% of the contract is completed, 5% retainage will be held.

9. FINAL PAYMENT

- (a) Subject to all requirements and provisions of this Agreement, including but not limited to the City's right to setoff its obligations to the Contractor (*see* Section 7, above), and the Contract Documents, final payment, constituting the entire unpaid balance of the Contract Sum, shall be made by the City to the Contractor when the Contractor has fully performed the Work and all other obligations under the Contract Documents other than those obligations related to the Contractor's responsibility (1) to correct deficient or unacceptable Work as provided in the Contract Documents, and (2) to satisfy other requirements, if any, which extend beyond final payment.
- (b) Upon receiving a request for final payment under the Contract, the City shall pay the balance of the contract sum within thirty (30) days of completion of punch list items by the Contractor and sign-off and approval by the City. Notwithstanding the forgoing, the City may avail itself of any longer timelines applicable to a payment as available under the Illinois Local Government Prompt Payment (Act 50 ILCS 505/1 *et seq.*), the provisions of which Act shall apply to this Contract. **THE LAW REQUIRES THAT THE CONTRACTOR SHALL SUBMIT A SWORN STATEMENT OF PERSONS FURNISHING MATERIALS AND LABOR BEFORE ANY PAYMENTS ARE REQUIRED TO BE MADE TO THE CONTRACTOR (770 ILCS 60/5).**

10. INSURANCE

(a) General Insurance Requirements.

The Contractor shall fully comply with all requirements set forth in Section 7-2 of the Division 100, General Requirements and Covenants (Insurance Requirements), along with any and all other insurance requirements set out in the Contract Documents.

(b) Other Insurance Requirements

The Contractor shall deliver to the City prior to commencing Work, certificates of insurance (ACORD Form 27 or other form acceptable to the City) evidencing the required insurance coverage of Contractor and each Subcontractor. The certificates required to be provided under this Paragraph shall contain clauses and/or provisions stating (i) that the policies will not be canceled or reduced without thirty (30) days prior notice to and the written consent of the City, and (ii) that the policies are primary and noncontributory. The policies shall further name the City and all of its elected officials, officers, employees, and agents as additional insureds. The City shall not waive any rights of subrogation. The Contractor shall provide and maintain insurance in the amounts outlined with companies acceptable to the City, for a minimum of two (2) years after completion final completion of the project. Under no circumstances shall the City be deemed to have waived any of the insurance requirements of this Contract by any action or omission. Liability of the Contractor and Subcontractors is not limited by purchase of insurance.

11. INDEMNIFICATION

(a) To the fullest extent permitted by law, Contractor waives any right of contribution against and shall defend, indemnify and hold harmless the City and any elected official, officer, attorney, employee, consultant, representative, or agent of the City (collectively the "indemnitees") from and against all claims, damages, losses and expenses, including but not limited to attorneys' fees, arising out of or resulting from or in connection with the performance of the Work, provided that any such claim, damage, loss or expense (collectively "Claims") is caused by or alleged to be caused by an act or omission of Contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable in the performance of the Agreement, regardless of whether or not it is actually or allegedly caused in part by an indemnitee. The obligations of the Contractor under this Section 11(a) shall be construed to include, but shall not be limited to, injury or damage consequent upon failure to use or misuse by the Contractor, his agents, subcontractors, and employees of any scaffold, hoist, crane, stay, ladder, support, or other mechanical contrivance erected or constructed by any person, or any or all other kinds of equipment, whether or not owned or furnished by the City. The Contractor shall include this provision in each of its subcontract agreements and shall require its subcontractors to be so bound.

(b) In the event that the Contractor or its Subcontractors are requested but refuse to honor the indemnity obligations of this Section or to provide a defense, then the Contractor shall, in

addition to all other obligations, pay the cost of bringing any action to enforce this Section, including reasonable attorneys' fees.

- (c) The Contractor hereby intentionally, knowingly, and voluntarily waives the right to assert, under the case of *Kotecki v. Cyclops Welding Corp.*, 146 Ill. 2d 155 (1991) that Contractor's liability may be limited to the amount of its statutory liability under the Workers' Compensation Act, and agrees that Contractor's liability to indemnify and defend the Owner is not limited by the so called "Kotecki Cap." The Contractor shall include this provision in each of its subcontract agreements and shall require its subcontractors to be so bound.
- (d) The indemnification provisions of this Section 11 are not intended to circumvent the Construction Contract Indemnification for Negligence Act (740 ILCS 35/0.01, *et seq.*) and shall not be construed as such, but in such a way to affect their enforcement to the fullest extent of the law.

12. COMPLIANCE WITH LAWS

The Contractor shall perform its Work in compliance with all applicable laws, ordinances rules, regulations and codes, including but not limited to the *Illinois Prevailing Wage Act* (820 ILCS 130/1 *et seq.*). The Contractor shall pay not less than the prevailing rate of wages to all laborers, workers and mechanics performing work under this Contract. Moreover, the Contractor shall ensure that each subcontract awards shall contain specific language therein requiring each subcontractor to pay not less than the prevailing wage to all laborers, workers and mechanics performing work for the project contemplated under this Contract. Further, the Contractor and all Subcontractors shall submit monthly certified payroll records to the City verifying that employees are being paid the prevailing rate of wages. The Contractor shall obtain necessary permits and licenses and consult with applicable governmental authorities as appropriate to ensure that the Work complies with all applicable laws. The Contractor agrees to fully comply with all requirements of federal and state law, including, but not limited to, the requirements of *Illinois Human Rights Act* (775 ILCS 5/1-101 *et seq.*) and the provision of sexual harassment policies and procedures pursuant to Section 2-105 of that Act. The Contractor further agrees to comply with all federal and state Equal Opportunity Laws, including, but not limited to, the *Americans With Disabilities Act* (42 U.S.C. Section 12101 *et. seq.*) and all rules and regulations promulgated thereunder. The *Illinois Employment of Illinois Workers on Public Works Act* (30 ILCS 570/0.01 *et. seq.*), and *Steel Products Procurement Act* (30 ILCS 565/1 *et. seq.*), shall prevail on this project to the extent such Acts are applicable and enforceable.

13. ASSIGNMENT

The Contractor shall not assign this Contract without the prior written consent of the City, which consent may be withheld at City's sole discretion. All Contractor's subcontracts shall be in writing, and shall be assignable by the Contractor to the City.

14. BOND

Pursuant to the *Public Construction Bond Act* (30 ILCS 550/1, *et seq.*), prior to commencing work, the Contractor shall provide a bond in the amount of one hundred percent (100%) of the Contract Sum and conditioned to guarantee the full and complete performance of the work, according to

the terms of the specifications, plans and contract, which contract shall be properly executed and signed at the time of filing of said bonds. Pursuant to Section 4 of the *Prevailing Wage Act* (820 ILCS 130/4), the required bond shall include a provisions as will guarantee the faithful performance of the prevailing wage requirements of this Contract and Illinois Law. With permission of the City, and when state and federal funds are not used on the Work, the Contractor may provide a non-diminishing irrevocable letter of credit, for contracts under \$100,000, in lieu of aforesaid bond. This bond or the non-diminishing irrevocable letter of credit are to remain in full force and effect up to and including the final acceptance of the work. After which it shall become null and void only after the Contractor provides a maintenance bond which shall meet the approval of said City of Crest Hill.

15. CITY SHALL NOT WAIVE ANY RIGHTS BY MAKING ANY PAYMENT

Notwithstanding any other provision in this Agreement or the other Contract Documents, the City shall not, in any manner, be deemed or intended to have waived any claim by making any progress or final payment in any amount.

16. WARRANTY AND GUARANTEE

The Contractor shall supervise and direct the Work using the Contractor's best skill and attention. The Contractor shall be solely responsible for and have charge and control of contractor means, methods, techniques, sequences, and procedures for coordinating all portions of the Work. The Contractor warrants to the City that materials and equipment furnished under the Contract will be of good quality and new, unless otherwise required or permitted by this Agreement or any of the other Contract Documents and that the Work will be performed in a workmanlike manner and be free from faults and defects and in conformance with this Agreement and all other Contract Documents.

Neither the final payment under the Agreement by the City nor any provisions in the Contract Documents shall relieve the Contractor of any responsibility for negligence in the furnishing and installation of faulty materials or for faulty workmanship which shows up within the extent and period proved by law or within the guarantee period of one (1) year from final acceptance of the work performed under this Agreement, whichever is greater, nor of the responsibility of remedying such faulty workmanship and materials. The contractor shall provide a written guarantee and maintenance/warranty bond for an amount not to be less than 10 percent of the final contract amount. The written guarantee and bond shall be in full force for the 1 year after approval of the final payment. In the event that any testing or inspection of the Work or any part thereof reveals defects in materials or workmanship, the Contractor shall remedy such defects and shall bear all costs and expenses associated with any and all testing necessitated thereby, including but not limited to additional testing which is related to determining whether such defects have been properly remedied.

17. BID RIGGING AND ROTATING CERTIFICATION

As required by the section 33E-11 of the *Criminal Code* (720 ILCS 5/33E-11), by executing this Agreement, Contractor certifies that it is not barred from contracting with any unit of State or

local government as a result of a violation of any criminal statute including, but not limited to, the bid rigging (Section 33E-3) or bid rotating (Section 33E-4) provisions of the *Criminal Code*.

18. AUTHORITY TO EXECUTE

Each of the parties executing this Contract represent and warrant that they have the proper and necessary authority to execute this Contract and to bind their representative entities.

19. GOVERNING LAW; CHOICE OF FORUM

This Contract shall be governed by the laws of the state of Illinois. Furthermore, the Parties hereby agree that the Twelfth Judicial Circuit Court of Will County, Illinois, will be the sole and exclusive venue and jurisdiction for any litigation associated with the Contract Documents. As such, the Parties hereby intentionally, knowingly, and voluntarily waive and forever forfeit any right that they presently have or may accrue in the future to file any motion seeking to dismiss any such litigation for want of jurisdiction in said court, to remove any such litigation to any federal court, or to challenge venue in said court for any reason, including but not limited to a motion based on the doctrine of *forum non conveniens*.

20. SEVERABILITY CLAUSE

If any provision of this Contract is held invalid, such invalidity shall not affect the other provisions of this Contract which may be given effect without the invalid provision.

21. TERMINATION

- (a) Termination Without Cause: The City may, upon seven (7) days written notice to the Contractor, terminate the Agreement between the City and Contractor without cause. Upon written request and submittal of the appropriate documentation as required by the City, the City shall pay the Contractor for all work performed by the Contractor to the date of termination that has been approved by the City. The City may, upon the Contractor executing such a confirmatory assignments as the City shall request, accept and assume all of the Contractor's obligations under all subcontracts executed in accordance with the terms of the Contract Documents that may accrue after the date of such termination and that the Contractor has incurred in good faith in connection with the Work. Upon receipt of notice of termination, the Contractor shall cease all operations on the date specified by the City, terminate subcontracts not assumed by the City, make no further orders of materials or equipment, complete work not terminated (if any), and provide such reports as may be requested by the City as to the status of the Work and the Work remaining to be completed. The City's right to terminate the Contract under this Section shall be in addition to, and not in limitation of, its rights to stop the Work without terminating the Contract.
- (b) Termination for Cause: If the Contractor shall institute proceedings or consent to proceedings requesting relief or arrangement under the Federal Bankruptcy Act or any similar or applicable federal or state law, or if a petition under any federal or state bankruptcy or insolvency law is filed against the Contractor and such petition is not dismissed within sixty (60) days after the date of said filing, or if the Contractor admits in writing his inability to pay

his debts generally as they become due, or if he makes a general assignment for the benefit of his creditors, or if a receiver, liquidator, trustee or assignee is appointed on account of his bankruptcy or insolvency; or if a receiver of all or any substantial portion of the Contractor's properties is appointed; or if the Contractor abandons the Work; or if he fails, except in cases for which extension of time is provided, to prosecute promptly and diligently the Work or to supply enough properly skilled workmen or proper materials for the Work; or if he submits an Application for Payment, sworn statement, waiver of lien, affidavit or document of any nature whatsoever which is intentionally falsified; or if he fails to make prompt payment to Subcontractors or for materials or labor or otherwise breaches his obligations under any subcontract with a Subcontractor; or if a mechanic's or material man's lien or notice of lien is filed against any part of the Work or the site of the Project and not promptly bonded or insured over by the Contractor in a manner satisfactory to the City; or if the Contractor disregards any laws, statutes, ordinances, rules, regulations or orders of any governmental body or public or quasi-public authority having jurisdiction of the Work or the site of the Project; or if he otherwise violates any provision of the Contract Documents; then the City, without prejudice to any right or remedy available to the City under the Contract Documents or at law or in equity, the City may, after giving the Contractor and its surety under the performance and payment bond required above seven (7) days' written notice, terminate the employment of the Contractor. If requested by the City, the Contractor shall remove any part or all of his equipment, machinery and supplies from the site of the Project within seven (7) days after the date of such request, and in the event of the Contractor's failure to do so, the City shall have the right to remove or store such equipment, machinery and supplies at the Contractor's expense. In case of such termination, the Contractor shall not be entitled to receive any further payment for Work performed by the Contractor through the date of termination. The City's right to terminate the City-Contractor Agreement pursuant to this Section 21(b) shall be in addition to and not in limitation of any rights or remedies existing hereunder or pursuant hereto or at law or in equity.

- (c) In the event that the City terminates this Agreement for Cause, as set forth above, the Contractor shall not be entitled to receive further payment until the Work is finished and the City may finish the Work by whatever reasonable method the City may deem expedient. Upon written request of the Contractor, the City shall furnish to the Contractor a detailed accounting of the costs incurred by the City in finishing the Work. If, after the City completes the Work, the unpaid balance of the Contract Sum exceeds the costs of finishing the Work, including but not limited to any additional expenses made necessary thereby and other damages incurred by the City and not expressly waived, such excess shall be paid to the Contractor. If such costs and damages exceed the unpaid balance, the Contractor shall pay the difference to the City. This obligation for payment shall survive termination of the Contract.

22. NOTICES

Any time that this Agreement or any of the other Contract Documents require one Party to notify or give notice to the other Party, such notice shall be provided in writing to the designated representative of the party to whom the notice is addressed and shall be deemed to have been duly served if delivered in person, by mail, by courier, or by electronic transmission as set forth in

the Agreement. In the case of in-person delivery, the notice shall be deemed delivered on the date of such delivery. In the case of delivery by mail or by courier, the notice shall be deemed to be delivered three (3) business days after it is sent. In the case of email delivery, the notice shall be deemed given on the date of said email so long as the email is sent prior to 6:00 p.m. CST— otherwise it shall be deemed delivered as of the next business day.

THIS CONTRACT is entered into as of the day and year first above written.

CITY:

CONTRACTOR:

CITY OF CREST HILL,
WILL COUNTY, ILLINOIS

P.T. Ferro Construction Co.

BY: _____

BY: 

ITS: _____

ITS: President

MAYOR

DATE: _____

DATE: 5/18/26

ATTEST:

BY: _____

ITS: _____

DATE: _____

Bond No. 108481695

Document A312™ – 2010

Conforms with The American Institute of Architects AIA Document 312

Performance Bond

CONTRACTOR:

(Name, legal status and address)

P.T. Ferro Construction Co.
700 South Rowell Avenue
Joliet, IL 60434

SURETY:

(Name, legal status and principal place of business)

Travelers Casualty and Surety Company of America
One Tower Square
Hartford, CT 06183

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

Mailing Address for Notices

1411 Opus Place, Ste. 450
Downers Grove, IL 60515

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

OWNER:

(Name, legal status and address)

City of Crest Hill
20600 City Center Blvd.
Crest Hill, IL 60403

CONSTRUCTION CONTRACT

Date:

Amount: \$ 933,295.46 Nine Hundred Thirty Three Thousand Two Hundred Ninety Five Dollars and 46/100

Description:

(Name and location) Inner Circle Drive, Marlboro Lane, Hosmer Lane - 2026 Water Main Improvement Project

BOND

Date: May 21, 2026

(Not earlier than Construction Contract Date)

Amount: \$ 933,295.46 Nine Hundred Thirty Three Thousand Two Hundred Ninety Five Dollars and 46/100

Modifications to this Bond: None See Section 16

CONTRACTOR AS PRINCIPAL

Company: *(Corporate Seal)*

P.T. Ferro Construction Co.

Signature: 

Name and Title: **Matthew Marketti**
President

SURETY

Company: *(Corporate Seal)*

Travelers Casualty and Surety Company of America

Signature:  

Name and Title: **James I. Moore**
Attorney-in-Fact

(Any additional signatures appear on the last page of this Performance Bond.)

(FOR INFORMATION ONLY — Name, address and telephone)

AGENT or BROKER:

HUB International Midwest Limited
1411 Opus Place, Ste. 450
Downers Grove, IL 60515
630-468-5600

OWNER'S REPRESENTATIVE:

(Architect, Engineer or other party:)

§ 1 The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.

§ 2 If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond, except when applicable to participate in a conference as provided in Section 3.

§ 3 If there is no Owner Default under the Construction Contract, the Surety's obligation under this Bond shall arise after

- .1 the Owner first provides notice to the Contractor and the Surety that the Owner is considering declaring a Contractor Default. Such notice shall indicate whether the Owner is requesting a conference among the Owner, Contractor and Surety to discuss the Contractor's performance. If the Owner does not request a conference, the Surety may, within five (5) business days after receipt of the Owner's notice, request such a conference. If the Surety timely requests a conference, the Owner shall attend. Unless the Owner agrees otherwise, any conference requested under this Section 3.1 shall be held within ten (10) business days of the Surety's receipt of the Owner's notice. If the Owner, the Contractor and the Surety agree, the Contractor shall be allowed a reasonable time to perform the Construction Contract, but such an agreement shall not waive the Owner's right, if any, subsequently to declare a Contractor Default;
- .2 the Owner declares a Contractor Default, terminates the Construction Contract and notifies the Surety; and
- .3 the Owner has agreed to pay the Balance of the Contract Price in accordance with the terms of the Construction Contract to the Surety or to a contractor selected to perform the Construction Contract.

§ 4 Failure on the part of the Owner to comply with the notice requirement in Section 3.1 shall not constitute a failure to comply with a condition precedent to the Surety's obligations, or release the Surety from its obligations, except to the extent the Surety demonstrates actual prejudice.

§ 5 When the Owner has satisfied the conditions of Section 3, the Surety shall promptly and at the Surety's expense take one of the following actions:

§ 5.1 Arrange for the Contractor, with the consent of the Owner, to perform and complete the Construction Contract;

§ 5.2 Undertake to perform and complete the Construction Contract itself, through its agents or independent contractors;

§ 5.3 Obtain bids or negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Construction Contract, arrange for a contract to be prepared for execution by the Owner and a contractor selected with the Owner's concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Construction Contract, and pay to the Owner the amount of damages as described in Section 7 in excess of the Balance of the Contract Price incurred by the Owner as a result of the Contractor Default; or

§ 5.4 Waive its right to perform and complete, arrange for completion, or obtain a new contractor and with reasonable promptness under the circumstances:

- .1 After investigation, determine the amount for which it may be liable to the Owner and, as soon as practicable after the amount is determined, make payment to the Owner; or
- .2 Deny liability in whole or in part and notify the Owner, citing the reasons for denial.

§ 6 If the Surety does not proceed as provided in Section 5 with reasonable promptness, the Surety shall be deemed to be in default on this Bond seven days after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner. If the Surety proceeds as provided in Section 5.4, and the Owner refuses the payment or the Surety has denied liability, in whole or in part, without further notice the Owner shall be entitled to enforce any remedy available to the Owner.

§ 7 If the Surety elects to act under Section 5.1, 5.2 or 5.3, then the responsibilities of the Surety to the Owner shall not be greater than those of the Contractor under the Construction Contract, and the responsibilities of the Owner to the Surety shall not be greater than those of the Owner under the Construction Contract. Subject to the commitment by the Owner to pay the Balance of the Contract Price, the Surety is obligated, without duplication, for

- .1 the responsibilities of the Contractor for correction of defective work and completion of the Construction Contract;
- .2 additional legal, design professional and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Section 5; and
- .3 liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the Contractor.

§ 8 If the Surety elects to act under Section 5.1, 5.3 or 5.4, the Surety's liability is limited to the amount of this Bond.

§ 9 The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Construction Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators, successors and assigns.

§ 10 The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.

§ 11 Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and shall be instituted within two years after a declaration of Contractor Default or within two years after the Contractor ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

§ 12 Notice to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the page on which their signature appears.

§ 13 When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, 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.

§ 14 Definitions

§ 14.1 **Balance of the Contract Price.** The total amount payable by the Owner to the Contractor under the Construction Contract after all proper adjustments have been made, including allowance to the Contractor of any amounts received or to be received by the Owner in settlement of insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Construction Contract.

§ 14.2 **Construction Contract.** The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and changes made to the agreement and the Contract Documents.

§ 14.3 **Contractor Default.** Failure of the Contractor, which has not been remedied or waived, to perform or otherwise to comply with a material term of the Construction Contract.

§ 14.4 **Owner Default.** Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.

§ 14.5 **Contract Documents.** All the documents that comprise the agreement between the Owner and Contractor.

§ 15 If this Bond is issued for an agreement between a Contractor and subcontractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

§ 16 Modifications to this bond are as follows:

(Space is provided below for additional signatures of added parties, other than those appearing on the cover page.)

CONTRACTOR AS PRINCIPAL
Company: _____
(Corporate Seal)

SURETY
Company: _____
(Corporate Seal)

Signature: _____
Name and Title:
Address

Signature: _____
Name and Title:
Address

Bond No. 108481695

Document A312™ – 2010

Conforms with The American Institute of Architects AIA Document 312

Payment Bond

CONTRACTOR:
(Name, legal status and address)

P.T. Ferro Construction Co.
700 South Rowell Avenue
Joliet, IL 60434

SURETY:
(Name, legal status and principal place of business)
Travelers Casualty and Surety Company of America

One Tower Square
Hartford, CT 06183

Mailing Address for Notices

1411 Opus Place, Ste. 450
Downers Grove, IL 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.

OWNER:
(Name, legal status and address)

City of Crest Hill
20600 City Center Blvd.
Crest Hill, IL 60403

CONSTRUCTION CONTRACT

Date:

Amount: \$ 933,295.46 Nine Hundred Thirty Three Thousand Two Hundred Ninety Five Dollars and 46/100

Description:

(Name and location) Inner Circle Drive, Marlboro Lane, Hosmer Lane - 2026 Water Main Improvement Project

BOND

Date: May 21, 2026

(Not earlier than Construction Contract Date)

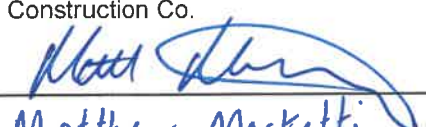
Amount: \$ 933,295.46 Nine Hundred Thirty Three Thousand Two Hundred Ninety Five Dollars and 46/100

Modifications to this Bond: None See Section 18

CONTRACTOR AS PRINCIPAL

Company: *(Corporate Seal)*

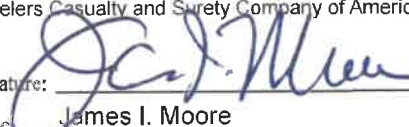
P.T. Ferro Construction Co.

Signature: 
Name and Title: Matthew Marketti
President

SURETY

Company: *(Corporate Seal)*

Travelers Casualty and Surety Company of America

Signature: 
Name and Title: James I. Moore
Attorney-in-Fact



(Any additional signatures appear on the last page of this Payment Bond.)

(FOR INFORMATION ONLY — Name, address and telephone)

AGENT or BROKER:

HUB International Midwest Limited
1411 Opus Place, Ste. 450
Downers Grove, IL 60515
630-468-5600

OWNER'S REPRESENTATIVE:

(Architect, Engineer or other party:)

§ 1 The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner to pay for labor, materials and equipment furnished for use in the performance of the Construction Contract, which is incorporated herein by reference, subject to the following terms.

§ 2 If the Contractor promptly makes payment of all sums due to Claimants, and defends, indemnifies and holds harmless the Owner from claims, demands, liens or suits by any person or entity seeking payment for labor, materials or equipment furnished for use in the performance of the Construction Contract, then the Surety and the Contractor shall have no obligation under this Bond.

§ 3 If there is no Owner Default under the Construction Contract, the Surety's obligation to the Owner under this Bond shall arise after the Owner has promptly notified the Contractor and the Surety (at the address described in Section 13) of claims, demands, liens or suits against the Owner or the Owner's property by any person or entity seeking payment for labor, materials or equipment furnished for use in the performance of the Construction Contract and tendered defense of such claims, demands, liens or suits to the Contractor and the Surety.

§ 4 When the Owner has satisfied the conditions in Section 3, the Surety shall promptly and at the Surety's expense defend, indemnify and hold harmless the Owner against a duly tendered claim, demand, lien or suit.

§ 5 The Surety's obligations to a Claimant under this Bond shall arise after the following:

§ 5.1 Claimants, who do not have a direct contract with the Contractor,

- .1 have furnished a written notice of non-payment to the Contractor, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were, or equipment was, furnished or supplied or for whom the labor was done or performed, within ninety (90) days after having last performed labor or last furnished materials or equipment included in the Claim; and
- .2 have sent a Claim to the Surety (at the address described in Section 13).

§ 5.2 Claimants, who are employed by or have a direct contract with the Contractor, have sent a Claim to the Surety (at the address described in Section 13).

§ 6 If a notice of non-payment required by Section 5.1.1 is given by the Owner to the Contractor, that is sufficient to satisfy a Claimant's obligation to furnish a written notice of non-payment under Section 5.1.1.

§ 7 When a Claimant has satisfied the conditions of Sections 5.1 or 5.2, whichever is applicable, the Surety shall promptly and at the Surety's expense take the following actions:

§ 7.1 Send an answer to the Claimant, with a copy to the Owner, within sixty (60) days after receipt of the Claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed; and

§ 7.2 Pay or arrange for payment of any undisputed amounts.

§ 7.3 The Surety's failure to discharge its obligations under Section 7.1 or Section 7.2 shall not be deemed to constitute a waiver of defenses the Surety or Contractor may have or acquire as to a Claim, except as to undisputed amounts for which the Surety and Claimant have reached agreement. If, however, the Surety fails to discharge its obligations under Section 7.1 or Section 7.2, the Surety shall indemnify the Claimant for the reasonable attorney's fees the Claimant incurs thereafter to recover any sums found to be due and owing to the Claimant.

§ 8 The Surety's total obligation shall not exceed the amount of this Bond, plus the amount of reasonable attorney's fees provided under Section 7.3, and the amount of this Bond shall be credited for any payments made in good faith by the Surety.

§ 9 Amounts owed by the Owner to the Contractor under the Construction Contract shall be used for the performance of the Construction Contract and to satisfy claims, if any, under any construction performance bond. By the Contractor furnishing and the Owner accepting this Bond, they agree that all funds earned by the Contractor in the performance of the Construction Contract are dedicated to satisfy obligations of the Contractor and Surety under this Bond, subject to the Owner's priority to use the funds for the completion of the work.

§ 10 The Surety shall not be liable to the Owner, Claimants or others for obligations of the Contractor that are unrelated to the Construction Contract. The Owner shall not be liable for the payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligation to make payments to, or give notice on behalf of, Claimants or otherwise have any obligations to Claimants under this Bond.

§ 11 The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.

§ 12 No suit or action shall be commenced by a Claimant under this Bond other than in a court of competent jurisdiction in the state in which the project that is the subject of the Construction Contract is located or after the expiration of one year from the date (1) on which the Claimant sent a Claim to the Surety pursuant to Section 5.1.2 or 5.2, or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Construction Contract, whichever of (1) or (2) first occurs. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

§ 13 Notice and Claims to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the page on which their signature appears. Actual receipt of notice or Claims, however accomplished, shall be sufficient compliance as of the date received.

§ 14 When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, 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.

§ 15 Upon request by any person or entity appearing to be a potential beneficiary of this Bond, the Contractor and Owner shall promptly furnish a copy of this Bond or shall permit a copy to be made.

§ 16 Definitions

§ 16.1 Claim. A written statement by the Claimant including at a minimum:

- .1 the name of the Claimant;
- .2 the name of the person for whom the labor was done, or materials or equipment furnished;
- .3 a copy of the agreement or purchase order pursuant to which labor, materials or equipment was furnished for use in the performance of the Construction Contract;
- .4 a brief description of the labor, materials or equipment furnished;
- .5 the date on which the Claimant last performed labor or last furnished materials or equipment for use in the performance of the Construction Contract;
- .6 the total amount earned by the Claimant for labor, materials or equipment furnished as of the date of the Claim;
- .7 the total amount of previous payments received by the Claimant; and
- .8 the total amount due and unpaid to the Claimant for labor, materials or equipment furnished as of the date of the Claim.

§ 16.2 Claimant. An individual or entity having a direct contract with the Contractor or with a subcontractor of the Contractor to furnish labor, materials or equipment for use in the performance of the Construction Contract. The term Claimant also includes any individual or entity that has rightfully asserted a claim under an applicable mechanic's lien or similar statute against the real property upon which the Project is located. The intent of this Bond shall be to include without limitation in the terms "labor, materials or equipment" that part of water, gas, power, light, heat, oil, gasoline, telephone service or rental equipment used in the Construction Contract, architectural and engineering services required for performance of the work of the Contractor and the Contractor's subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials or equipment were furnished.

§ 16.3 Construction Contract. The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and all changes made to the agreement and the Contract Documents.

§ 16.4 Owner Default. Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.

§ 16.5 Contract Documents. All the documents that comprise the agreement between the Owner and Contractor.

§ 17 If this Bond is issued for an agreement between a Contractor and subcontractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

§ 18 Modifications to this bond are as follows:

(Space is provided below for additional signatures of added parties, other than those appearing on the cover page.)

CONTRACTOR AS PRINCIPAL
Company: _____
(Corporate Seal)

SURETY
Company: _____
(Corporate Seal)

Signature: _____
Name and Title:
Address

Signature: _____
Name and Title:
Address

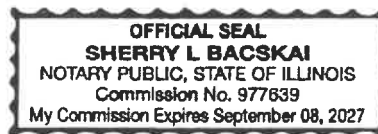
State of Illinois }
 } ss.
County of DuPage }

On May 21, 2026 before me, a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared James I. Moore known to me to be Attorney-in-Fact of Travelers Casualty and Surety Company of America the corporation described in and that executed the within and foregoing instrument, and known to me to be the person who executed the said instrument in behalf of the said corporation, and he duly acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year stated in this certificate above.

My Commission Expires 09/08/2027


Sherry L Bacskai, Notary Public





Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company
Farmington Casualty Company

POWER OF ATTORNEY

Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, St. Paul Fire and Marine Insurance Company, and Farmington Casualty Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and the Companies do hereby make, constitute and appoint James I. Moore of Downers Grove, IL, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this 4th day of March, 2024.



State of Connecticut

By: 
 Bryce Grissom, Senior Vice President

City of Hartford ss.

On this the 4th day of March, 2024, before me personally appeared Bryce Grissom, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the 30th day of June, 2026




 Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this May 21, 2026




 Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

5/20/2026

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER HUB International Midwest West 1411 Opus Place, Suite 450 Downers Grove IL 60515	CONTACT NAME: CSU Construction PHONE (A/C, No, Ext): 630-468-5600 E-MAIL ADDRESS: CSUConstruction@hubinternational.com	FAX (A/C, No): 630-468-5696													
	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : Nautilus Insurance Company</td> <td>17370</td> </tr> <tr> <td>INSURER B : Travelers Property Casualty Company of America</td> <td>25674</td> </tr> <tr> <td>INSURER C : National Fire Insurance Company of Hartford</td> <td>20478</td> </tr> <tr> <td>INSURER D : The Continental Insurance Company</td> <td>35289</td> </tr> <tr> <td>INSURER E : Valley Forge Insurance Company</td> <td>20508</td> </tr> <tr> <td>INSURER F : Navigators Specialty Insurance Company</td> <td>36056</td> </tr> </tbody> </table>		INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Nautilus Insurance Company	17370	INSURER B : Travelers Property Casualty Company of America	25674	INSURER C : National Fire Insurance Company of Hartford	20478	INSURER D : The Continental Insurance Company	35289	INSURER E : Valley Forge Insurance Company	20508	INSURER F : Navigators Specialty Insurance Company
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COVERAGES **CERTIFICATE NUMBER:** 1198854304 **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 INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
C	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> XCU Cov Incl <input checked="" type="checkbox"/> Contractual Liab GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y	Y	8033870501	12/31/2025	12/31/2026	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 3,000,000 PRODUCTS - COMP/OP AGG \$ 3,000,000 \$
E	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	Y	Y	8033870496	12/31/2025	12/31/2026	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
D F	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			8033870515 HO25EXCZ0JVJHIV	12/31/2025 12/31/2025	12/31/2026 12/31/2026	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 EACH OCC/AGGR (5X10) \$ 5MM/5MM
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y	N/A	8033870529	12/31/2025	12/31/2026	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A B B	POLLUTION LIABILITY Leased/Rented Equipment Installation Floater			CPL2033720-15 QT 630 8Y055478 TIL 25 QT 630 8Y055478 TIL 25	12/31/2025 12/31/2025 12/31/2025	12/31/2026 12/31/2026 12/31/2026	Occurrence/Aggregate Limit: \$2,000,000 \$650,000 Limit/Deductible: \$4,000,000/\$5,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 RE: Inner Circle Drive, Marlboro Lane, Hosmer Lane 2026 Water Main Improvement Project - Job #C-7141

City of Crest Hill, its elected officials, officers, employees, and agents are included as additional insureds under General Liability & Auto Liability, on a primary and non-contributory basis, when agreed in a written contract, subject to policy terms, conditions and exclusions. A waiver of subrogation applies under General Liability, Automobile Liability, & Worker's Compensation in favor of the additional insureds listed, when agreed in a written contract, subject to policy terms, conditions and exclusions. Umbrella follows form of underlying General Liability, Auto Liability and Workers Compensation policies.

CERTIFICATE HOLDER

City of Crest Hill
 20600 City Center Boulevard
 Crest Hill IL 60403

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

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.
CONTRACTORS EXTENDED COVERAGE ENDORSEMENT
- BUSINESS AUTO PLUS -

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

I. LIABILITY COVERAGE

A. Who Is An Insured

The following is added to **Section II, Paragraph A.1., Who Is An Insured:**

1. a. Any incorporated entity of which the Named Insured owns a majority of the voting stock on the date of inception of this Coverage Form; provided that,
 - b. The insurance afforded by this provision **A.1.** does not apply to any such entity that is an "insured" under any other liability "policy" providing "auto" coverage.
2. Any organization you newly acquire or form, other than a limited liability company, partnership or joint venture, and over which you maintain majority ownership interest.

The insurance afforded by this provision **A.2.:**

- a. Is effective on the acquisition or formation date, and is afforded only until the end of the policy period of this Coverage Form, or the next anniversary of its inception date, whichever is earlier.
- b. Does not apply to:
 - (1) "Bodily injury" or "property damage" caused by an "accident" that occurred before you acquired or formed the organization; or
 - (2) Any such organization that is an "insured" under any other liability "policy" providing "auto" coverage.
3. Any person or organization that you are required by a written contract to name as an additional insured is an "insured" but only with respect to their legal liability for acts or omissions of a person, who qualifies as an "insured" under Section II – Who Is An Insured and for whom Liability Coverage is afforded under this policy. If required by written contract, this insurance will be primary and non-contributory to insurance on which the additional insured is a Named Insured.
4. An "employee" of yours is an "insured" while operating an "auto" hired or rented under a contract or agreement in that "employee's" name, with your permission, while performing duties related to the conduct of your business.

"Policy", as used in this provision **A. Who Is An Insured**, includes those policies that were in force on the inception date of this Coverage Form but:

1. Which are no longer in force; or
2. Whose limits have been exhausted.

B. Bail Bonds and Loss of Earnings

Section II, Paragraphs A.2. (2) and A.2. (4) are revised as follows:

1. In **a.(2)**, the limit for the cost of bail bonds is changed from \$2,000 to \$5,000; and
2. In **a.(4)**, the limit for the loss of earnings is changed from \$250 to \$500 a day.

C. Fellow Employee

Section II, Paragraph B.5 does not apply.

Such coverage as is afforded by this provision C. is excess over any other collectible insurance.

II. PHYSICAL DAMAGE COVERAGE

A. Glass Breakage – Hitting A Bird Or Animal – Falling Objects Or Missiles

The following is added to **Section III, Paragraph A.3.:**

With respect to any covered "auto", any deductible shown in the Declarations will not apply to glass breakage if such glass is repaired, in a manner acceptable to us, rather than replaced.

B. Transportation Expenses

Section III, Paragraph A.4.a. is revised, with respect to transportation expense incurred by you, to provide:

- a. \$60 per day, in lieu of \$20; subject to

- b. \$1,800 maximum, in lieu of \$600.

C. Loss of Use Expenses

Section III, Paragraph A.4.b. is revised, with respect to loss of use expenses incurred by you, to provide:

- a. \$1,000 maximum, in lieu of \$600.

D. Hired "Autos"

The following is added to **Section III, Paragraph A.:**

5. Hired "Autos"

If Physical Damage coverage is provided under this policy, and such coverage does not extend to Hired Autos, then Physical Damage coverage is extended to:

- a. Any covered "auto" you lease, hire, rent or borrow without a driver; and
- b. Any covered "auto" hired or rented by your "employee" without a driver, under a contract in that individual "employee's" name, with your permission, while performing duties related to the conduct of your business.
- c. The most we will pay for any one "accident" or "loss" is the actual cash value, cost of repair, cost of replacement or \$75,000, whichever is less, minus a \$500 deductible for each covered auto. No deductible applies to "loss" caused by fire or lightning.
- d. The physical damage coverage as is provided by this provision is equal to the physical damage coverage(s) provided on your owned "autos".
- e. Such physical damage coverage for hired "autos" will:
 - (1) Include loss of use, provided it is the consequence of an "accident" for which the Named Insured is legally liable, and as a result of which a monetary loss is sustained by the leasing or rental concern.
 - (2) Such coverage as is provided by this provision will be subject to a limit of \$750 per "accident."

E. Airbag Coverage

The following is added to **Section III, Paragraph B.3.:**

The accidental discharge of an airbag shall not be considered mechanical breakdown.

F. Electronic Equipment

Section III, Paragraphs B.4.c and B.4.d. are deleted and replaced by the following:

- c. Physical Damage Coverage on a covered "auto" also applies to "loss" to any permanently installed electronic equipment including its antennas and other accessories
- d. A \$100 per occurrence deductible applies to the coverage provided by this provision.

G. Diminution In Value

The following is added to **Section III, Paragraph B.6.:**

Subject to the following, the "diminution in value" exclusion does not apply to:

- a. Any covered "auto" of the private passenger type you lease, hire, rent or borrow, without a driver for a period of 30 days or less, while performing duties related to the conduct of your business; and
- b. Any covered "auto" of the private passenger type hired or rented by your "employee" without a driver for a period of 30 days or less, under a contract in that individual "employee's" name, with your permission, while performing duties related to the conduct of your business.
- c. Such coverage as is provided by this provision is limited to a "diminution in value" loss arising directly out of accidental damage and not as a result of the failure to make repairs; faulty or incomplete maintenance or repairs; or the installation of substandard parts.
- d. The most we will pay for "loss" to a covered "auto" in any one accident is the lesser of:
 - (1) \$5,000; or
 - (2) 20% of the "auto's" actual cash value (ACV).

III. Drive Other Car Coverage – Executive Officers

The following is added to **Sections II and III:**

- 1. Any "auto" you don't own, hire or borrow is a covered "auto" for Liability Coverage while being used by, and for Physical Damage Coverage while in the care, custody or control of, any of your "executive officers," except:
 - a. An "auto" owned by that "executive officer" or a member of that person's household; or

- b. An "auto" used by that "executive officer" while working in a business of selling, servicing, repairing or parking "autos."

Such Liability and/or Physical Damage Coverage as is afforded by this provision.

- (1) Equal to the greatest of those coverages afforded any covered "auto"; and
(2) Excess over any other collectible insurance.

2. For purposes of this provision, "executive officer" means a person holding any of the officer positions created by your charter, constitution, by-laws or any other similar governing document, and, while a resident of the same household, includes that person's spouse.

Such "executive officers" are "insureds" while using a covered "auto" described in this provision.

IV. BUSINESS AUTO CONDITIONS

A. Duties In The Event Of Accident, Claim, Suit Or Loss

The following is added to **Section IV, Paragraph A.2.a.**:

- (4) Your "employees" may know of an "accident" or "loss." This will not mean that you have such knowledge, unless such "accident" or "loss" is known to you or if you are not an individual, to any of your executive officers or partners or your insurance manager.

The following is added to **Section IV, Paragraph A.2.b.**:

- (6) Your "employees" may know of documents received concerning a claim or "suit." This will not mean that you have such knowledge, unless receipt of such documents is known to you or if you are not an individual, to any of your executive officers or partners or your insurance manager.

B. Transfer Of Rights Of Recovery Against Others To Us

The following is added to **Section IV, Paragraph A.5. Transfer Of Rights Of Recovery Against Others To Us**:

We waive any right of recovery we may have, because of payments we make for injury or damage, against any person or organization for whom or which you are required by written contract or agreement to obtain this waiver from us.

This injury or damage must arise out of your activities under a contract with that person or organization.

You must agree to that requirement prior to an "accident" or "loss".

C. Concealment, Misrepresentation or Fraud

The following is added to **Section IV, Paragraph B.2.**:

Your failure to disclose all hazards existing on the date of inception of this Coverage Form shall not prejudice you with respect to the coverage afforded provided such failure or omission is not intentional.

D. Other Insurance

The following is added to **Section IV, Paragraph B.5.**:

Regardless of the provisions of Paragraphs **5.a.** and **5.d.** above, the coverage provided by this policy shall be on a primary non-contributory basis. This provision is applicable only when required by a written contract. That written contract must have been entered into prior to "Accident" or "Loss".

E. Policy Period, Coverage Territory

Section IV, Paragraph B. 7.(5).(a). is revised to provide:

- a. 45 days of coverage in lieu of 30 days.

V. DEFINITIONS

Section V. paragraph C. is deleted and replaced by the following:

"Bodily injury" means bodily injury, sickness or disease sustained by a person, including mental anguish, mental injury or death resulting from any of these.

**Blanket Additional Insured - Owners, Lessees or Contractors -
with Products-Completed Operations Coverage Endorsement**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

It is understood and agreed as follows:

- I. **WHO IS AN INSURED** is amended to include as an **Insured** any person or organization whom you are required by **written contract** to add as an additional insured on this **Coverage Part**, 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 subject to such **written contract**; or
 - B. In the performance of **your work** subject to such **written contract**, but only with respect to **bodily injury** or **property damage** included in the **products-completed operations hazard**, and only if:
 - 1. The **written contract** requires you to provide the additional insured such coverage; and
 - 2. This **Coverage Part** provides such coverage; and
 - C. Subject always to the terms and conditions of this policy, including the limits of insurance, the Insurer will not provide such additional insured with:
 - 1. Coverage broader than what you are required to provide by the **written contract**; or
 - 2. A higher limit of insurance than what you are required to provide by the **written contract**.

Any coverage granted by this Paragraph I. shall apply solely to the extent permissible by law.

- II. If the written contract requires additional insured coverage under the 07-04 edition of CG2010 or CG2037, then paragraph I. above is deleted in its entirety and replaced by the following:

WHO IS AN INSURED is amended to include as an **Insured** any person or organization whom you are required by **written contract** to add as an additional insured on this **Coverage Part**, 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 subject to such **written contract**; or
- B. In the performance of **your work** subject to such **written contract**, but only with respect to **bodily injury** or **property damage** included in the **products-completed operations hazard**, and only if:
 - 1. The **written contract** requires you to provide the additional insured such coverage; and
 - 2. This **Coverage Part** provides such coverage.

- III. But if the **written contract** requires:

- A. Additional insured coverage under the 11-85 edition, 10-93 edition, or 10-01 edition of CG2010, or under the 10-01 edition of CG2037; or
- B. Additional insured coverage with "arising out of" language;

then paragraph I. above is deleted in its entirety and replaced by the following:

WHO IS AN INSURED is amended to include as an **Insured** any person or organization whom you are required by **written contract** to add as an additional insured on this **Coverage Part**, but only with respect to liability for **bodily injury, property damage** or **personal and advertising injury** arising out of **your work** that is subject to such **written contract**.

- IV. But if the **written contract** requires additional insured coverage to the greatest extent permissible by law, then paragraph I. above is deleted in its entirety and replaced by the following:

**Blanket Additional Insured - Owners, Lessees or Contractors -
with Products-Completed Operations Coverage Endorsement**

WHO IS AN INSURED is amended to include as an **Insured** any person or organization whom you are required by **written contract** to add as an additional insured on this **Coverage Part**, but only with respect to liability for **bodily injury, property damage** or **personal and advertising injury** arising out of **your work** that is subject to such **written contract**.

V. The insurance granted by this endorsement to the additional insured does not apply to **bodily injury, property damage, or personal and advertising injury** arising out of:

A. The rendering of, or the failure to render, any professional architectural, engineering, or surveying services, including:

1. The preparing, approving, or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; and
2. Supervisory, inspection, architectural or engineering activities; or

B. Any premises or work for which the additional insured is specifically listed as an additional insured on another endorsement attached to this **Coverage Part**.

VI. Under **COMMERCIAL GENERAL LIABILITY CONDITIONS**, the Condition entitled **Other Insurance** is amended to add the following, which supersedes any provision to the contrary in this Condition or elsewhere in this **Coverage Part**:

Primary and Noncontributory Insurance

With respect to other insurance available to the additional insured under which the additional insured is a named insured, this insurance is primary to and will not seek contribution from such other insurance, provided that a **written contract** requires the insurance provided by this policy to be:

1. Primary and non-contributing with other insurance available to the additional insured; or
2. Primary and to not seek contribution from any other insurance available to the additional insured.

But except as specified above, this insurance will be excess of all other insurance available to the additional insured.

VII. Solely with respect to the insurance granted by this endorsement, the section entitled **COMMERCIAL GENERAL LIABILITY CONDITIONS** is amended as follows:

The Condition entitled **Duties In The Event of Occurrence, Offense, Claim or Suit** is amended with the addition of the following:

Any additional insured pursuant to this endorsement will as soon as practicable:

1. Give the Insurer written notice of any **claim**, or any **occurrence** or offense which may result in a **claim**;
2. Send the Insurer copies of all legal papers received, and otherwise cooperate with the Insurer in the investigation, defense, or settlement of the **claim**; and
3. Make available any other insurance, and endeavor to tender the defense and indemnity of any **claim** to any other insurer or self-insurer, whose policy or program applies to a loss that the Insurer covers under this **coverage part**. However, if the **written contract** requires this insurance to be primary and non-contributory, this paragraph 3. does not apply to other insurance under which the additional insured is a named insured.

The Insurer has no duty to defend or indemnify an additional insured under this endorsement until the Insurer receives written notice of a **claim** from the additional insured.

VIII. Solely with respect to the insurance granted by this endorsement, the section entitled **DEFINITIONS** is amended to add the following definition:

Written contract means a written contract or written agreement that requires you to make a person or organization an additional insured on this **Coverage Part**, provided the contract or agreement:

A. Was executed prior to:



**Blanket Additional Insured - Owners, Lessees or Contractors -
with Products-Completed Operations Coverage Endorsement**

1. The **bodily injury** or **property damage**; or
 2. The offense that caused the **personal and advertising injury**;
for which the additional insured seeks coverage; and
- B.** Is still in effect at the time of the **bodily injury** or **property damage occurrence** or **personal and advertising injury** offense.

All other terms and conditions of the Policy remain unchanged.

This endorsement, which forms a part of and is for attachment to the Policy issued by the designated Insurers, takes effect on the effective date of said Policy at the hour stated in said Policy, unless another effective date is shown below, and expires concurrently with said Policy.

**Contractors' General Liability Extension Endorsement**

It is understood and agreed that this endorsement amends the **COMMERCIAL GENERAL LIABILITY COVERAGE PART** as follows. If any other endorsement attached to this policy amends any provision also amended by this endorsement, then that other endorsement controls with respect to such provision, and the changes made by this endorsement with respect to such provision do not apply.

TABLE OF CONTENTS
1. Additional Insureds
2. Additional Insured - Primary And Non-Contributory To Additional Insured's Insurance
3. Bodily Injury – Expanded Definition
4. Broad Knowledge of Occurrence/ Notice of Occurrence
5. Broad Named Insured
6. Broadened Liability Coverage For Damage To Your Product And Your Work
7. Contractual Liability - Railroads
8. Electronic Data Liability
9. Estates, Legal Representatives and Spouses
10. Expected Or Intended Injury – Exception for Reasonable Force
11. General Aggregate Limits of Insurance – Per Project
12. In Rem Actions
13. Incidental Health Care Malpractice Coverage
14. Joint Ventures/Partnership/Limited Liability Companies
15. Legal Liability – Damage To Premises / Alienated Premises / Property In The Named Insured's Care, Custody or Control
16. Liquor Liability
17. Medical Payments
18. Non-owned Aircraft Coverage
19. Non-owned Watercraft
20. Personal And Advertising Injury – Discrimination or Humiliation
21. Personal And Advertising Injury - Contractual Liability
22. Property Damage - Elevators
23. Supplementary Payments
24. Unintentional Failure To Disclose Hazards
25. Waiver of Subrogation – Blanket
26. Wrap-Up Extension: OCIP CCIP, or Consolidated (Wrap-Up) Insurance Programs

**Contractors' General Liability Extension Endorsement****1. ADDITIONAL INSUREDS**

a. **WHO IS AN INSURED** is amended to include as an **Insured** any person or organization described in paragraphs **A.** through **H.** below whom a **Named Insured** is required to add as an additional insured on this **Coverage Part** under a written contract or written agreement, provided such contract or agreement:

(1) is currently in effect or becomes effective during the term of this **Coverage Part**; and

(2) was executed prior to:

(a) the **bodily injury** or **property damage**; or

(b) the offense that caused the **personal and advertising injury**,

for which such additional insured seeks coverage.

b. However, subject always to the terms and conditions of this policy, including the limits of insurance, the Insurer will not provide such additional insured with:

(1) a higher limit of insurance than required by such contract or agreement; or

(2) coverage broader than required by such contract or agreement, and in no event broader than that described by the applicable paragraph **A.** through **H.** below.

Any coverage granted by this endorsement shall apply only to the extent permissible by law.

A. Controlling Interest

Any person or organization with a controlling interest in a **Named Insured**, but only with respect to such person or organization's liability for **bodily injury**, **property damage** or **personal and advertising injury** arising out of:

1. such person or organization's financial control of a **Named Insured**; or

2. premises such person or organization owns, maintains or controls while a **Named Insured** leases or occupies such premises;

provided that the coverage granted by this paragraph does not apply to structural alterations, new construction or demolition operations performed by, on behalf of, or for such additional insured.

B. Co-owner of Insured Premises

A co-owner of a premises co-owned by a **Named Insured** and covered under this insurance but only with respect to such co-owner's liability for **bodily injury**, **property damage** or **personal and advertising injury** as co-owner of such premises.

C. Lessor of Equipment

Any person or organization from whom a **Named Insured** leases equipment, but only with respect to liability for **bodily injury**, **property damage** or **personal and advertising injury** caused, in whole or in part, by the **Named Insured's** maintenance, operation or use of such equipment, provided that the **occurrence** giving rise to such **bodily injury**, **property damage** or the offense giving rise to such **personal and advertising injury** takes place prior to the termination of such lease.

D. Lessor of Land

Any person or organization from whom a **Named Insured** leases land but only with respect to liability for **bodily injury**, **property damage** or **personal and advertising injury** arising out of the ownership, maintenance or use of such land, provided that the **occurrence** giving rise to such **bodily injury**, **property damage** or the offense giving rise to such **personal and advertising injury** takes place prior to the termination of such lease. The coverage granted by this paragraph does not apply to structural alterations, new construction or demolition operations performed by, on behalf of, or for such additional insured.

E. Lessor of Premises

An owner or lessor of premises leased to the **Named Insured**, or such owner or lessor's real estate manager, but only with respect to liability for **bodily injury**, **property damage** or **personal and advertising injury** arising out

**Contractors' General Liability Extension Endorsement**

of the ownership, maintenance or use of such part of the premises leased to the **Named Insured**, and provided that the **occurrence** giving rise to such **bodily injury** or **property damage**, or the offense giving rise to such **personal and advertising injury**, takes place prior to the termination of such lease. The coverage granted by this paragraph does not apply to structural alterations, new construction or demolition operations performed by, on behalf of, or for such additional insured.

F. Mortgagee, Assignee or Receiver

A mortgagee, assignee or receiver of premises but only with respect to such mortgagee, assignee or receiver's liability for **bodily injury**, **property damage** or **personal and advertising injury** arising out of the **Named Insured's** ownership, maintenance, or use of a premises by a **Named Insured**.

The coverage granted by this paragraph does not apply to structural alterations, new construction or demolition operations performed by, on behalf of, or for such additional insured.

G. State or Governmental Agency or Subdivision or Political Subdivisions – Permits

A state or governmental agency or subdivision or political subdivision that has issued a permit or authorization but only with respect to such state or governmental agency or subdivision or political subdivision's liability for **bodily injury**, **property damage** or **personal and advertising injury** arising out of:

1. the following hazards in connection with premises a **Named Insured** owns, rents, or controls and to which this insurance applies:
 - a. the existence, maintenance, repair, construction, erection, or removal of advertising signs, awnings, canopies, cellar entrances, coal holes, driveways, manholes, marquees, hoistaway openings, sidewalk vaults, street banners, or decorations and similar exposures; or
 - b. the construction, erection, or removal of elevators; or
 - c. the ownership, maintenance or use of any elevators covered by this insurance; or
2. the permitted or authorized operations performed by a **Named Insured** or on a **Named Insured's** behalf.

The coverage granted by this paragraph does not apply to:

- a. **Bodily injury**, **property damage** or **personal and advertising injury** arising out of operations performed for the state or governmental agency or subdivision or political subdivision; or
- b. **Bodily injury** or **property damage** included within the **products-completed operations hazard**.

With respect to this provision's requirement that additional insured status must be requested under a written contract or agreement, the Insurer will treat as a written contract any governmental permit that requires the **Named Insured** to add the governmental entity as an additional insured.

H. Trade Show Event Lessor

1. With respect to a **Named Insured's** participation in a trade show event as an exhibitor, presenter or displayer, any person or organization whom the **Named Insured** is required to include as an additional insured, but only with respect to such person or organization's liability for **bodily injury**, **property damage** or **personal and advertising injury** caused by:
 - a. the **Named Insured's** acts or omissions; or
 - b. the acts or omissions of those acting on the **Named Insured's** behalf,in the performance of the **Named Insured's** ongoing operations at the trade show event premises during the trade show event.
2. The coverage granted by this paragraph does not apply to **bodily injury** or **property damage** included within the **products-completed operations hazard**.

2. ADDITIONAL INSURED - PRIMARY AND NON-CONTRIBUTORY TO ADDITIONAL INSURED'S INSURANCE

The **Other Insurance** Condition in the **COMMERCIAL GENERAL LIABILITY CONDITIONS** Section is amended to add the following paragraph:

CNA74705XX (1-15)

National Fire Insurance Company

Insured Name: P.T. Ferro Construction Co. Inc.

Policy No: 8033870501

Effective Date: 12/31/2025

**Contractors' General Liability Extension Endorsement**

If the **Named Insured** has agreed in writing in a contract or agreement that this insurance is primary and non-contributory relative to an additional insured's own insurance, then this insurance is primary, and the Insurer will not seek contribution from that other insurance. For the purpose of this Provision 2., the additional insured's own insurance means insurance on which the additional insured is a named insured. Otherwise, and notwithstanding anything to the contrary elsewhere in this Condition, the insurance provided to such person or organization is excess of any other insurance available to such person or organization.

3. BODILY INJURY – EXPANDED DEFINITION

Under **DEFINITIONS**, the definition of **bodily injury** is deleted and replaced by the following:

Bodily injury means physical injury, sickness or disease sustained by a person, including death, humiliation, shock, mental anguish or mental injury sustained by that person at any time which results as a consequence of the physical injury, sickness or disease.

4. BROAD KNOWLEDGE OF OCCURRENCE/ NOTICE OF OCCURRENCE

Under **CONDITIONS**, the condition entitled **Duties in The Event of Occurrence, Offense, Claim or Suit** is amended to add the following provisions:

A. BROAD KNOWLEDGE OF OCCURRENCE

The **Named Insured** must give the Insurer or the Insurer's authorized representative notice of an **occurrence**, offense or **claim** only when the **occurrence**, offense or **claim** is known to a natural person **Named Insured**, to a partner, executive officer, manager or member of a **Named Insured**, or an **employee** designated by any of the above to give such notice.

B. NOTICE OF OCCURRENCE

The **Named Insured's** rights under this **Coverage Part** will not be prejudiced if the **Named Insured** fails to give the Insurer notice of an **occurrence**, offense or **claim** and that failure is solely due to the **Named Insured's** reasonable belief that the **bodily injury** or **property damage** is not covered under this **Coverage Part**. However, the **Named Insured** shall give written notice of such **occurrence**, offense or **claim** to the Insurer as soon as the **Named Insured** is aware that this insurance may apply to such **occurrence**, offense or **claim**.

5. BROAD NAMED INSURED

WHO IS AN INSURED is amended to delete its Paragraph 3. in its entirety and replace it with the following:

3. Pursuant to the limitations described in Paragraph 4. below, any organization in which a **Named Insured** has management control:

- a. on the effective date of this **Coverage Part**; or
- b. by reason of a **Named Insured** creating or acquiring the organization during the **policy period**,

qualifies as a **Named Insured**, provided that there is no other similar liability insurance, whether primary, contributory, excess, contingent or otherwise, which provides coverage to such organization, or which would have provided coverage but for the exhaustion of its limit, and without regard to whether its coverage is broader or narrower than that provided by this insurance.

But this **BROAD NAMED INSURED** provision does not apply to:

- (a) any partnership, limited liability company or joint venture; or
- (b) any organization for which coverage is excluded by another endorsement attached to this **Coverage Part**.

For the purpose of this provision, management control means:

- A. owning interests representing more than 50% of the voting, appointment or designation power for the selection of a majority of the Board of Directors of a corporation; or
- B. having the right, pursuant to a written trust agreement, to protect, control the use of, encumber or transfer or sell property held by a trust.

**Contractors' General Liability Extension Endorsement**

4. With respect to organizations which qualify as **Named Insureds** by virtue of Paragraph 3. above, this insurance does not apply to:
- bodily injury** or **property damage** that first occurred prior to the date of management control, or that first occurs after management control ceases; nor
 - personal or advertising injury** caused by an offense that first occurred prior to the date of management control or that first occurs after management control ceases.
5. The insurance provided by this **Coverage Part** applies to **Named Insureds** when trading under their own names or under such other trading names or doing-business-as names (dba) as any **Named Insured** should choose to employ.
- 6. BROADENED LIABILITY COVERAGE FOR DAMAGE TO YOUR PRODUCT AND YOUR WORK**
- A. Under COVERAGES, Coverage A – Bodily Injury and Property Damage Liability, the paragraph entitled Exclusions is amended to delete exclusions k. and l. and replace them with the following:**
- This insurance does not apply to:
- k. Damage to Your Product**
- Property damage to your product** arising out of it, or any part of it except when caused by or resulting from:
- fire;
 - smoke;
 - collapse; or
 - explosion.
- l. Damage to Your Work**
- Property damage to your work** arising out of it, or any part of it and included in the **products-completed operations hazard**.
- This exclusion does not apply:
- If the damaged work, or the work out of which the damage arises, was performed on the **Named Insured's** behalf by a subcontractor; or
 - If the cause of loss to the damaged work arises as a result of:
 - fire;
 - smoke;
 - collapse; or
 - explosion.
- B. The following paragraph is added to LIMITS OF INSURANCE:**
- Subject to 5. above, \$100,000 is the most the Insurer will pay under **Coverage A** for the sum of **damages** arising out of any one **occurrence** because of **property damage to your product** and **your work** that is caused by fire, smoke, collapse or explosion and is included within the **product-completed operations hazard**. This sublimit does not apply to **property damage to your work** if the damaged work, or the work out of which the damage arises, was performed on the **Named Insured's** behalf by a subcontractor.
- C. This Broadened Liability Coverage For Damage To Your Product And Your Work Provision does not apply if an endorsement of the same name is attached to this policy.**
- 7. CONTRACTUAL LIABILITY – RAILROADS**
- With respect to operations performed within 50 feet of railroad property, the definition of **insured contract** is replaced by the following:

**Contractors' General Liability Extension Endorsement**

Insured Contract means:

- a. A contract for a lease of premises. However, that portion of the contract for a lease of premises that indemnifies any person or organization for damage by fire to premises while rented to a **Named Insured** or temporarily occupied by a **Named Insured** with permission of the owner is not an **insured contract**;
- b. A sidetrack agreement;
- c. Any easement or license agreement;
- d. An obligation, as required by ordinance, to indemnify a municipality, except in connection with work for a municipality;
- e. An elevator maintenance agreement;
- f. That part of any other contract or agreement pertaining to the **Named Insured's** business (including an indemnification of a municipality in connection with work performed for a municipality) under which the **Named Insured** assumes the tort liability of another party to pay for **bodily injury** or **property damage** to a third person or organization. Tort liability means a liability that would be imposed by law in the absence of any contract or agreement.

Paragraph f. does not include that part of any contract or agreement:

- (1) That indemnifies an architect, engineer or surveyor for injury or damage arising out of:
 - (a) Preparing, approving or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; or
 - (b) Giving directions or instructions, or failing to give them, if that is the primary cause of the injury or damage;
- (2) Under which the **Insured**, if an architect, engineer or surveyor, assumes liability for an injury or damage arising out of the insured's rendering or failure to render professional services, including those listed in (1) above and supervisory, inspection, architectural or engineering activities.

8. ELECTRONIC DATA LIABILITY

- A. Under **COVERAGES, Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Exclusions** is amended to delete exclusion p. **Electronic Data** and replace it with the following:

This insurance does not apply to:

p. Access Or Disclosure Of Confidential Or Personal Information And Data-related Liability

Damages arising out of:

- (1) any access to or disclosure of any person's or organization's confidential or personal information, including patents, trade secrets, processing methods, customer lists, financial information, credit card information, health information or any other type of nonpublic information; or
- (2) the loss of, loss of use of, damage to, corruption of, inability to access, or inability to manipulate **electronic data** that does not result from physical injury to tangible property.

However, unless Paragraph (1) above applies, this exclusion does not apply to **damages** because of **bodily injury**.

This exclusion applies even if damages are claimed for notification costs, credit monitoring expenses, forensic expenses, public relation expenses or any other loss, cost or expense incurred by the **Named Insured** or others arising out of that which is described in Paragraph (1) or (2) above.

- B. The following paragraph is added to **LIMITS OF INSURANCE**:

Subject to 5. above, \$100,000 is the most the Insurer will pay under **Coverage A** for all **damages** arising out of any one **occurrence** because of **property damage** that results from physical injury to tangible property and arises out of **electronic data**.

- C. The following definition is added to **DEFINITIONS**:

CNA74705XX (1-15)
National Fire Insurance Company
Insured Name: P.T. Ferro Construction Co.
Inc.

Policy No: 8033870501

Effective Date: 12/31/2025

**Contractors' General Liability Extension Endorsement**

Electronic data means information, facts or programs stored as or on, created or used on, or transmitted to or from computer software (including systems and applications software), hard or floppy disks, CD-ROMS, tapes, drives, cells, data processing devices or any other media which are used with electronically controlled equipment.

- D. For the purpose of the coverage provided by this **ELECTRONIC DATA LIABILITY** Provision, the definition of **property damage** in **DEFINITIONS** is replaced by the following:

Property damage means:

- a. Physical injury to tangible property, including all resulting loss of use of that property. All such loss of use shall be deemed to occur at the time of the physical injury that caused it;
- b. Loss of use of tangible property that is not physically injured. All such loss of use shall be deemed to occur at the time of the **occurrence** that caused it; or
- c. Loss of, loss of use of, damage to, corruption of, inability to access, or inability to properly manipulate **electronic data**, resulting from physical injury to tangible property. All such loss of **electronic data** shall be deemed to occur at the time of the **occurrence** that caused it.

For the purposes of this insurance, **electronic data** is not tangible property.

- E. If Electronic Data Liability is provided at a higher limit by another endorsement attached to this policy, then the \$100,000 limit provided by this **ELECTRONIC DATA LIABILITY** Provision is part of, and not in addition to, that higher limit.

9. ESTATES, LEGAL REPRESENTATIVES, AND SPOUSES

The estates, heirs, legal representatives and **spouses** of any natural person **Insured** shall also be insured under this policy; provided, however, coverage is afforded to such estates, heirs, legal representatives, and **spouses** only for **claims** arising solely out of their capacity or status as such and, in the case of a **spouse**, where such **claim** seeks **damages** from marital community property, jointly held property or property transferred from such natural person **Insured** to such **spouse**. No coverage is provided for any act, error or omission of an estate, heir, legal representative, or **spouse** outside the scope of such person's capacity or status as such, provided however that the **spouse** of a natural person **Named Insured** and the **spouses** of members or partners of joint venture or partnership **Named Insureds** are **Insureds** with respect to such **spouses'** acts, errors or omissions in the conduct of the **Named Insured's** business.

10. EXPECTED OR INTENDED INJURY – EXCEPTION FOR REASONABLE FORCE

Under **COVERAGES, Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Exclusions** is amended to delete the exclusion entitled **Expected or Intended Injury** and replace it with the following:

This insurance does not apply to:

Expected or Intended Injury

Bodily injury or **property damage** expected or intended from the standpoint of the **Insured**. This exclusion does not apply to **bodily injury** or **property damage** resulting from the use of reasonable force to protect persons or property.

11. GENERAL AGGREGATE LIMITS OF INSURANCE - PER PROJECT

- A. For each construction project away from premises the **Named Insured** owns or rents, a separate Construction Project General Aggregate Limit, equal to the amount of the General Aggregate Limit shown in the Declarations, is the most the Insurer will pay for the sum of:

1. All **damages** under **Coverage A**, except **damages** because of **bodily injury** or **property damage** included in the **products-completed operations hazard**; and
2. All medical expenses under **Coverage C**,

that arise from **occurrences** or accidents which can be attributed solely to ongoing operations at that construction project. Such payments shall not reduce the General Aggregate Limit shown in the Declarations, nor the Construction Project General Aggregate Limit of any other construction project.

**Contractors' General Liability Extension Endorsement****B. All:**

1. **Damages** under **Coverage B**, regardless of the number of locations or construction projects involved;
2. **Damages** under **Coverage A**, caused by **occurrences** which cannot be attributed solely to ongoing operations at a single construction project, except **damages** because of **bodily injury** or **property damage** included in the **products-completed operations hazard**; and
3. Medical expenses under **Coverage C** caused by accidents which cannot be attributed solely to ongoing operations at a single construction project,

will reduce the General Aggregate Limit shown in the Declarations.

- C. The limits shown in the Declarations for Each Occurrence, for Damage To Premises Rented To You and for Medical Expense continue to apply, but will be subject to either the Construction Project General Aggregate Limit or the General Aggregate Limit shown in the Declarations, depending on whether the **occurrence** can be attributed solely to ongoing operations at a particular construction project.
- D. When coverage for liability arising out of the **products-completed operations hazard** is provided, any payments for **damages** because of **bodily injury** or **property damage** included in the **products-completed operations hazard** will reduce the Products-Completed Operations Aggregate Limit shown in the Declarations, regardless of the number of projects involved.
- E. If a single construction project away from premises owned by or rented to the **Insured** has been abandoned and then restarted, or if the authorized contracting parties deviate from plans, blueprints, designs, specifications or timetables, the project will still be deemed to be the same construction project.
- F. The provisions of **LIMITS OF INSURANCE** not otherwise modified by this endorsement shall continue to apply as stipulated.

12. IN REM ACTIONS

A quasi in rem action against any vessel owned or operated by or for the **Named Insured**, or chartered by or for the **Named Insured**, will be treated in the same manner as though the action were in personam against the **Named Insured**.

13. INCIDENTAL HEALTH CARE MALPRACTICE COVERAGE

Solely with respect to **bodily injury** that arises out of a **health care incident**:

- A. Under **COVERAGES, Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Insuring Agreement** is amended to replace Paragraphs 1.b.(1) and 1.b.(2) with the following:
 - b. This insurance applies to **bodily injury** provided that the professional health care services are incidental to the **Named Insured's** primary business purpose, and only if:
 - (1) such **bodily injury** is caused by an **occurrence** that takes place in the **coverage territory**.
 - (2) the **bodily injury** first occurs during the **policy period**. All **bodily injury** arising from an **occurrence** will be deemed to have occurred at the time of the first act, error, or omission that is part of the **occurrence**; and
- B. Under **COVERAGES, Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Exclusions** is amended to:
 - i. add the following to the **Employers Liability** exclusion:

This exclusion applies only if the **bodily injury** arising from a **health care incident** is covered by other liability insurance available to the **Insured** (or which would have been available but for exhaustion of its limits).
 - ii. delete the exclusion entitled **Contractual Liability** and replace it with the following:

This insurance does not apply to:

Contractual Liability

**Contractors' General Liability Extension Endorsement**

the **Insured's** actual or alleged liability under any oral or written contract or agreement, including but not limited to express warranties or guarantees.

iii. add the following additional exclusions:

This insurance does not apply to:

Discrimination

any actual or alleged discrimination, humiliation or harassment, including but not limited to **claims** based on an individual's race, creed, color, age, gender, national origin, religion, disability, marital status or sexual orientation.

Dishonesty or Crime

Any actual or alleged dishonest, criminal or malicious act, error or omission.

Medicare/Medicaid Fraud

any actual or alleged violation of law with respect to Medicare, Medicaid, Tricare or any similar federal, state or local governmental program.

Services Excluded by Endorsement

Any **health care incident** for which coverage is excluded by endorsement.

C. **DEFINITIONS** is amended to:

i. add the following definitions:

Health care incident means an act, error or omission by the **Named Insured's employees or volunteer workers** in the rendering of:

a. **professional health care services** on behalf of the **Named Insured** or

b. Good Samaritan services rendered in an emergency and for which no payment is demanded or received.

Professional health care services means any health care services or the related furnishing of food, beverages, medical supplies or appliances by the following providers in their capacity as such but solely to the extent they are duly licensed as required:

a. Physician;

b. Nurse;

c. Nurse practitioner;

d. Emergency medical technician;

e. Paramedic;

f. Dentist;

g. Physical therapist;

h. Psychologist;

i. Speech therapist;

j. Other allied health professional; or

Professional health care services does not include any services rendered in connection with human clinical trials or product testing.

ii. delete the definition of **occurrence** and replace it with the following:

Occurrence means a **health care incident**. All acts, errors or omissions that are logically connected by any common fact, circumstance, situation, transaction, event, advice or decision will be considered to constitute a single **occurrence**;

**Contractors' General Liability Extension Endorsement**

iii. amend the definition of **Insured** to:

a. add the following:

- the **Named Insured's employees** are **Insureds** with respect to:

(1) **bodily injury** to a **co-employee** while in the course of the **co-employee's** employment by the **Named Insured** or while performing duties related to the conduct of the **Named Insured's** business; and

(2) **bodily injury** to a **volunteer worker** while performing duties related to the conduct of the **Named Insured's** business;

when such **bodily injury** arises out of a **health care incident**.

- the **Named Insured's volunteer workers** are **Insureds** with respect to:

(1) **bodily injury** to a **co-volunteer worker** while performing duties related to the conduct of the **Named Insured's** business; and

(2) **bodily injury** to an **employee** while in the course of the **employee's** employment by the **Named Insured** or while performing duties related to the conduct of the **Named Insured's** business;

when such **bodily injury** arises out of a **health care incident**.

b. delete Subparagraphs **(a), (b), (c) and (d)** of Paragraph **2.a.(1)** of **WHO IS AN INSURED**.

D. The **Other Insurance** condition is amended to delete Paragraph **b.(1)** in its entirety and replace it with the following:

Other Insurance

b. **Excess Insurance**

(1) To the extent this insurance applies, it is excess over any other insurance, self insurance or risk transfer instrument, whether primary, excess, contingent or on any other basis, except for insurance purchased specifically by the **Named Insured** to be excess of this coverage.

14. JOINT VENTURES / PARTNERSHIP / LIMITED LIABILITY COMPANIES

WHO IS AN INSURED is amended to delete its last paragraph and replace it with the following:

No person or organization is an **Insured** with respect to the conduct of any current or past partnership, joint venture or limited liability company that is not shown as a **Named Insured** in the Declarations, except that if the **Named Insured** was a joint venturer, partner, or member of a limited liability company and such joint venture, partnership or limited liability company terminated prior to or during the **policy period**, such **Named Insured** is an **Insured** with respect to its interest in such joint venture, partnership or limited liability company but only to the extent that:

- a. any offense giving rise to **personal and advertising injury** occurred prior to such termination date, and the **personal and advertising injury** arising out of such offense first occurred after such termination date;
- b. the **bodily injury** or **property damage** first occurred after such termination date; and
- c. there is no other valid and collectible insurance purchased specifically to insure the partnership, joint venture or limited liability company; and

If the joint venture, partnership or limited liability company is or was insured under a **consolidated (wrap-up) insurance program**, then such insurance will always be considered valid and collectible for the purpose of paragraph c. above. But this provision will not serve to exclude **bodily injury, property damage** or **personal and advertising injury** that would otherwise be covered under the **Contractors General Liability Extension Endorsement** provision entitled **WRAP-UP EXTENSION: OCIP, CCIP, OR CONSOLIDATED (WRAP-UP) INSURANCE PROGRAMS**. Please see that provision for the definition of **consolidated (wrap-up) insurance program**.

15. LEGAL LIABILITY – DAMAGE TO PREMISES / ALIENATED PREMISES / PROPERTY IN THE NAMED INSURED'S CARE, CUSTODY OR CONTROL

CNA74705XX (1-15)

National Fire Insurance Company

Insured Name: P.T. Ferro Construction Co.
Inc.

Policy No: 8033870501

Effective Date: 12/31/2025

**Contractors' General Liability Extension Endorsement**

- A. Under **COVERAGES, Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Exclusions** is amended to delete exclusion **j. Damage to Property** in its entirety and replace it with the following:

This insurance does not apply to:

j. Damage to Property

Property damage to:

- (1) Property the **Named Insured** owns, rents, or occupies, including any costs or expenses incurred by you, or any other person, organization or entity, for repair, replacement, enhancement, restoration or maintenance of such property for any reason, including prevention of injury to a person or damage to another's property;
- (2) Premises the **Named Insured** sells, gives away or abandons, if the **property damage** arises out of any part of those premises;
- (3) Property loaned to the **Named Insured**;
- (4) Personal property in the care, custody or control of the **Insured**;
- (5) That particular part of real property on which the **Named Insured** or any contractors or subcontractors working directly or indirectly on the **Named Insured's** behalf are performing operations, if the **property damage** arises out of those operations; or
- (6) That particular part of any property that must be restored, repaired or replaced because **your work** was incorrectly performed on it.

Paragraphs (1), (3) and (4) of this exclusion do not apply to **property damage** (other than damage by fire) to premises rented to the **Named Insured** or temporarily occupied by the **Named Insured** with the permission of the owner, nor to the contents of premises rented to the **Named Insured** for a period of 7 or fewer consecutive days. A separate limit of insurance applies to Damage To Premises Rented To You as described in **LIMITS OF INSURANCE**.

Paragraph (2) of this exclusion does not apply if the premises are **your work**.

Paragraphs (3), (4), (5) and (6) of this exclusion do not apply to liability assumed under a sidetrack agreement.

Paragraph (6) of this exclusion does not apply to **property damage** included in the **products-completed operations hazard**.

Paragraphs (3) and (4) of this exclusion do not apply to **property damage** to:

- i. tools, or equipment the **Named Insured** borrows from others, nor
- ii. other personal property of others in the **Named Insured's** care, custody or control while being used in the **Named Insured's** operations away from any **Named Insured's** premises.

However, the coverage granted by this exception to Paragraphs (3) and (4) does not apply to:

- a. property at a job site awaiting or during such property's installation, fabrication, or erection;
- b. property that is **mobile equipment** leased by an **Insured**;
- c. property that is an **auto**, aircraft or watercraft;
- d. property in transit; or
- e. any portion of **property damage** for which the **Insured** has available other valid and collectible insurance, or would have such insurance but for exhaustion of its limits, or but for application of one of its exclusions.

A separate limit of insurance and deductible apply to such property of others. See **LIMITS OF INSURANCE** as amended below.

**Contractors' General Liability Extension Endorsement**

- B. Under **COVERAGES, Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Exclusions** is amended to delete its last paragraph and replace it with the following:

Exclusions c. through n. do not apply to damage by fire to premises while rented to a **Named Insured** or temporarily occupied by a **Named Insured** with permission of the owner, nor to damage to the contents of premises rented to a **Named Insured** for a period of 7 or fewer consecutive days.

A separate limit of insurance applies to this coverage as described in **LIMITS OF INSURANCE**.

- C. The following paragraph is added to **LIMITS OF INSURANCE**:

Subject to 5. above, \$25,000 is the most the Insurer will pay under **Coverage A** for **damages** arising out of any one **occurrence** because of the sum of all **property damage** to borrowed tools or equipment, and to other personal property of others in the **Named Insured's** care, custody or control, while being used in the **Named Insured's** operations away from any **Named Insured's** premises. The Insurer's obligation to pay such **property damage** does not apply until the amount of such **property damage** exceeds \$1,000. The Insurer has the right but not the duty to pay any portion of this \$1,000 in order to effect settlement. If the Insurer exercises that right, the **Named Insured** will promptly reimburse the Insurer for any such amount.

- D. Paragraph 6., Damage To Premises Rented To You Limit, of **LIMITS OF INSURANCE** is deleted and replaced by the following:

6. Subject to Paragraph 5. above, (the Each Occurrence Limit), the Damage To Premises Rented To You Limit is the most the Insurer will pay under **Coverage A** for **damages** because of **property damage** to any one premises while rented to the **Named Insured** or temporarily occupied by the **Named Insured** with the permission of the owner, including contents of such premises rented to the **Named Insured** for a period of 7 or fewer consecutive days. The Damage To Premises Rented To You Limit is the greater of:

- a. \$500,000; or
- b. The Damage To Premises Rented To You Limit shown in the Declarations.

- E. Paragraph 4.b.(1)(a)(ii) of the **Other Insurance** Condition is deleted and replaced by the following:

(ii) That is property insurance for premises rented to the **Named Insured**, for premises temporarily occupied by the **Named Insured** with the permission of the owner; or for personal property of others in the **Named Insured's** care, custody or control;

16. LIQUOR LIABILITY

Under **COVERAGES, Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Exclusions** is amended to delete the exclusion entitled **Liquor Liability**.

This **LIQUOR LIABILITY** provision does not apply to any person or organization who otherwise qualifies as an additional insured on this **Coverage Part**.

17. MEDICAL PAYMENTS

- A. **LIMITS OF INSURANCE** is amended to delete Paragraph 7. (the Medical Expense Limit) and replace it with the following:

7. Subject to Paragraph 5. above (the Each Occurrence Limit), the Medical Expense Limit is the most the Insurer will pay under **Coverage C – Medical Payments** for all medical expenses because of **bodily injury** sustained by any one person. The Medical Expense Limit is the greater of:

- (1) \$15,000 unless a different amount is shown here: \$<insert (\$) amount>; or
- (2) the amount shown in the Declarations for Medical Expense Limit.

- B. Under **COVERAGES**, the **Insuring Agreement of Coverage C – Medical Payments** is amended to replace Paragraph 1.a.(3)(b) with the following:

(b) The expenses are incurred and reported to the Insurer within three years of the date of the accident; and

**Contractors' General Liability Extension Endorsement****18. NON-OWNED AIRCRAFT**

Under **COVERAGES, Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Exclusions** is amended as follows:

The exclusion entitled **Aircraft, Auto or Watercraft** is amended to add the following:

This exclusion does not apply to an aircraft not owned by any **Named Insured**, provided that:

1. the pilot in command holds a currently effective certificate issued by the duly constituted authority of the United States of America or Canada, designating that person as a commercial or airline transport pilot;
2. the aircraft is rented with a trained, paid crew to the **Named Insured**; and
3. the aircraft is not being used to carry persons or property for a charge.

19. NON-OWNED WATERCRAFT

Under **COVERAGES, Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Exclusions** is amended to delete subparagraph (2) of the exclusion entitled **Aircraft, Auto or Watercraft**, and replace it with the following.

This exclusion does not apply to:

- (2) a watercraft that is not owned by any **Named Insured**, provided the watercraft is:
- (a) less than 75 feet long; and
 - (b) not being used to carry persons or property for a charge.

20. PERSONAL AND ADVERTISING INJURY –DISCRIMINATION OR HUMILIATION

A. Under **DEFINITIONS**, the definition of **personal and advertising injury** is amended to add the following tort:

- Discrimination or humiliation that results in injury to the feelings or reputation of a natural person.

B. Under **COVERAGES, Coverage B – Personal and Advertising Injury Liability**, the paragraph entitled **Exclusions** is amended to:

1. delete the Exclusion entitled **Knowing Violation Of Rights Of Another** and replace it with the following:

This insurance does not apply to:

Knowing Violation of Rights of Another

Personal and advertising injury caused by or at the direction of the **Insured** with the knowledge that the act would violate the rights of another and would inflict **personal and advertising injury**. This exclusion shall not apply to discrimination or humiliation that results in injury to the feelings or reputation of a natural person, but only if such discrimination or humiliation is not done intentionally by or at the direction of:

(a) the **Named Insured**; or

(b) any **executive officer**, director, stockholder, partner, member or manager (if the **Named Insured** is a limited liability company) of the **Named Insured**.

2. add the following exclusions:

This insurance does not apply to:

Employment Related Discrimination

Discrimination or humiliation directly or indirectly related to the employment, prospective employment, past employment or termination of employment of any person by any **Insured**.

Premises Related Discrimination

discrimination or humiliation arising out of the sale, rental, lease or sub-lease or prospective sale, rental, lease or sub-lease of any room, dwelling or premises by or at the direction of any **Insured**.

**Contractors' General Liability Extension Endorsement**

Notwithstanding the above, there is no coverage for fines or penalties levied or imposed by a governmental entity because of discrimination.

The coverage provided by this **PERSONAL AND ADVERTISING INJURY –DISCRIMINATION OR HUMILIATION** Provision does not apply to any person or organization whose status as an **Insured** derives solely from

- Provision 1. **ADDITIONAL INSURED** of this endorsement; or
- attachment of an additional insured endorsement to this **Coverage Part**.

This **PERSONAL AND ADVERTISING INJURY –DISCRIMINATION OR HUMILIATION** Provision does not apply to any person or organization who otherwise qualifies as an additional insured on this **Coverage Part**.

21. PERSONAL AND ADVERTISING INJURY - CONTRACTUAL LIABILITY

A. Under **COVERAGES, Coverage B –Personal and Advertising Injury Liability**, the paragraph entitled **Exclusions** is amended to delete the exclusion entitled **Contractual Liability**.

B. Solely for the purpose of the coverage provided by this **PERSONAL AND ADVERTISING INJURY - CONTRACTUAL LIABILITY** provision, the following changes are made to the section entitled **SUPPLEMENTARY PAYMENTS – COVERAGES A AND B**:

1. Paragraph 2.d. is replaced by the following:

d. The allegations in the **suit** and the information the Insurer knows about the offense alleged in such **suit** are such that no conflict appears to exist between the interests of the **Insured** and the interests of the indemnitee;

2. The first unnumbered paragraph beneath Paragraph 2.f.(2)(b) is deleted and replaced by the following:

So long as the above conditions are met, attorneys fees incurred by the Insurer in the defense of that indemnitee, necessary litigation expenses incurred by the Insurer, and necessary litigation expenses incurred by the indemnitee at the Insurer's request will be paid as **defense costs**. Such payments will not be deemed to be **damages for personal and advertising injury** and will not reduce the limits of insurance.

C. This **PERSONAL AND ADVERTISING INJURY - CONTRACTUAL LIABILITY** Provision does not apply if **Coverage B –Personal and Advertising Injury Liability** is excluded by another endorsement attached to this **Coverage Part**.

This **PERSONAL AND ADVERTISING INJURY - CONTRACTUAL LIABILITY** Provision does not apply to any person or organization who otherwise qualifies as an additional insured on this **Coverage Part**.

22. PROPERTY DAMAGE – ELEVATORS

A. Under **COVERAGES, Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Exclusions** is amended such that the **Damage to Your Product** Exclusion and subparagraphs (3), (4) and (6) of the **Damage to Property** Exclusion do not apply to **property damage** that results from the use of elevators.

B. Solely for the purpose of the coverage provided by this **PROPERTY DAMAGE – ELEVATORS** Provision, the **Other Insurance** conditions is amended to add the following paragraph:

This insurance is excess over any of the other insurance, whether primary, excess, contingent or on any other basis that is Property insurance covering property of others damaged from the use of elevators.

23. SUPPLEMENTARY PAYMENTS

The section entitled **SUPPLEMENTARY PAYMENTS – COVERAGES A AND B** is amended as follows:

A. Paragraph 1.b. is amended to delete the \$250 limit shown for the cost of bail bonds and replace it with a \$5,000. limit; and

B. Paragraph 1.d. is amended to delete the limit of \$250 shown for daily loss of earnings and replace it with a \$1,000. limit.

**Contractors' General Liability Extension Endorsement****24. UNINTENTIONAL FAILURE TO DISCLOSE HAZARDS**

If the **Named Insured** unintentionally fails to disclose all existing hazards at the inception date of the **Named Insured's Coverage Part**, the Insurer will not deny coverage under this **Coverage Part** because of such failure.

25. WAIVER OF SUBROGATION - BLANKET

Under **CONDITIONS**, the condition entitled **Transfer Of Rights Of Recovery Against Others To Us** is amended to add the following:

The Insurer waives any right of recovery the Insurer may have against any person or organization because of payments the Insurer makes for injury or damage arising out of:

1. the **Named Insured's** ongoing operations; or
2. **your work** included in the **products-completed operations hazard**.

However, this waiver applies only when the **Named Insured** has agreed in writing to waive such rights of recovery in a written contract or written agreement, and only if such contract or agreement:

1. is in effect or becomes effective during the term of this **Coverage Part**; and
2. was executed prior to the **bodily injury, property damage or personal and advertising injury** giving rise to the claim.

26. WRAP-UP EXTENSION: OCIP, CCIP, OR CONSOLIDATED (WRAP-UP) INSURANCE PROGRAMS

Note: The following provision does not apply to any public construction project in the state of Oklahoma, nor to any construction project in the state of Alaska, that is not permitted to be insured under a **consolidated (wrap-up) insurance program** by applicable state statute or regulation.

If the endorsement **EXCLUSION – CONSTRUCTION WRAP-UP** is attached to this policy, or another exclusionary endorsement pertaining to Owner Controlled Insurance Programs (O.C.I.P.) or Contractor Controlled Insurance Programs (C.C.I.P.) is attached, then the following changes apply:

A. The following wording is added to the above-referenced endorsement:

With respect to a **consolidated (wrap-up) insurance program** project in which the **Named Insured** is or was involved, this exclusion does not apply to those sums the **Named Insured** become legally obligated to pay as **damages** because of:

1. **Bodily injury, property damage, or personal or advertising injury** that occurs during the **Named Insured's** ongoing operations at the project, or during such operations of anyone acting on the **Named Insured's** behalf; nor
2. **Bodily injury or property damage** included within the **products-completed operations hazard** that arises out of those portions of the project that are not **residential structures**.

B. Condition 4. **Other Insurance** is amended to add the following subparagraph 4.b.(1)(c):

This insurance is excess over:

- (c) Any of the other insurance whether primary, excess, contingent or any other basis that is insurance available to the **Named Insured** as a result of the **Named Insured** being a participant in a **consolidated (wrap-up) insurance program**, but only as respects the **Named Insured's** involvement in that **consolidated (wrap-up) insurance program**.

C. **DEFINITIONS** is amended to add the following definitions:

Consolidated (wrap-up) insurance program means a construction, erection or demolition project for which the prime contractor/project manager or owner of the construction project has secured general liability insurance covering some or all of the contractors or subcontractors involved in the project, such as an Owner Controlled Insurance Program (O.C.I.P.) or Contractor Controlled Insurance Program (C.C.I.P.).

Residential structure means any structure where 30% or more of the square foot area is used or is intended to be used for human residency, including but not limited to:



Contractors' General Liability Extension Endorsement

1. single or multifamily housing, apartments, condominiums, townhouses, co-operatives or planned unit developments; and
2. the common areas and structures appurtenant to the structures in paragraph 1. (including pools, hot tubs, detached garages, guest houses or any similar structures).

However, when there is no individual ownership of units, **residential structure** does not include military housing, college/university housing or dormitories, long term care facilities, hotels or motels. **Residential structure** also does not include hospitals or prisons.

This **WRAP-UP EXTENSION: OCIP, CCIP, OR CONSOLIDATED (WRAP-UP) INSURANCE PROGRAMS** Provision does not apply to any person or organization who otherwise qualifies as an additional insured on this **Coverage Part**.

All other terms and conditions of the Policy remain unchanged.

This endorsement, which forms a part of and is for attachment to the Policy issued by the designated Insurers, takes effect on the effective date of said Policy at the hour stated in said Policy, unless another effective date is shown below, and expires concurrently with said Policy.



WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Any Person or Organization on whose behalf you are required to obtain this waiver of our right to recover from under a written contract or agreement.

The premium charge for the endorsement is reflected in the Schedule of Operations.

All other terms and conditions of the policy remain unchanged.

This endorsement, which forms a part of and is for attachment to the policy issued by the designated Insurers, takes effect on the Policy Effective date of said policy at the hour stated in said policy, unless another effective date (the Endorsement Effective Date) is shown below, and expires concurrently with said policy unless another expiration date is shown below.

Form No: WC 00 03 13 (04-1984)
Endorsement Effective Date: 12/31/2025
Policy # 8033870529
Underwriting Company: UWCOMP, UWADDR1 UWADDR2, UWCITY, UWSTATE UWZIP

THIS CONTRACT is entered into as of the day and year first above written.

CITY:

CONTRACTOR:

**CITY OF CREST HILL,
WILL COUNTY, ILLINOIS**

P.T. Ferro Construction Co.

BY: _____

BY: _____

ITS: _____
MAYOR

ITS: _____

DATE: _____

DATE: _____

ATTEST:

BY: _____

ITS: _____

DATE: _____

ADDENDUM NO. 1

April 8, 2026

Inner Circle Drive Watermain

CITY OF CREST HILL

Engineering Department

20600 City Center Blvd

WILL COUNTY, ILLINOIS

PROPOSAL DUE DATE: 10:00 AM, April 16, 2026

This addendum forms a part of the Contract Documents and amends the original documents and the Plans and Special Provisions. Where any part of the contract documents is amended, the unaltered provisions are to remain in effect.

This is the only notice you receive, with no follow up by mail.

Updates to the Contract Specifications

- 1. Per the new laws that came into effect January 1, 2026 Illinois Plumbing License Law (255 ILCS 320) and Illinois Plumbing Code (Title 77Ill, Adm. Code Part 890). All water services and sanitary laterals must be locatable. Any repairs to or installation of water services or sanitary services must be completed by a licensed plumber. This work shall be inspected by a licensed plumber. The contractor must provide logs of all license plumbers on staff as well as provide all dates, locations and inspections logs of the services that have been installed or repaired.**

The method for locating sanitary services will be the sonde method and for water services install a magnetic locating tape with the pipe when installed. All this shall be included in the unit prices of the appropriate item, and no additional compensation will be provided for this work.

I acknowledge the receipt of this addendum by signing the acknowledgement. This addendum needs to be signed and included with bid. Failure to properly acknowledge this addendum as noted above may result in disqualification of the associated bid.

End of Addendum No. 1

I acknowledge the receipt of Addendum No. 1 for the referenced project:

Signed:

1 of 2

Name *Nick Ferromonte*

Name of Company PT FERRO CONSTRUCTION CO.

Ronald J Wiedeman, P.E.

Director of Engineering

City of Crest Hill

815.741.5122

rwiedeman@cityofcresthill.com

CREST HILL
WILL COUNTY, ILLINOIS
NOTICE TO CONTRACTORS

The City of Crest Hill's Engineering Department will receive sealed proposals for the following improvements at the City Hall, 20600 City Center Blvd, Crest Hill, Illinois 60403, until 10:00 AM on April 16, 2026.

INNER CIRCLE DRIVE FROM MARLBORO LANE TO HOSMER LANEWATER MAIN IMPROVEMENT
PROJECT

Sealed proposals will be opened and read publicly at City Hall at 20600 City Center Blvd, Crest Hill, IL 60403 in the Council Chambers at 10:00 AM CST on April 16, 2026.

No bid shall be withdrawn after the opening of the proposals without the consent of Engineering Department or the Mayor and City Council for a period of forty-five days after the scheduled time of closing bids.

All proposals shall be sealed in an envelope, addressed to the City of Crest Hill, attention Engineering Department. The name and address of the bidder and the name of the project shall also appear on the outside of the envelope. Proposals must be submitted on the forms provided.

The Contract Documents may be obtained without charge from V3 Companies by sending an email request to Jason Holy at jholy@v3co.com

The Bid Documents, including plans and specifications may be obtained from V3 Companies by emailing Jason Holy at jholy@v3co.com or calling 630-254-1522 and requesting a digital set. The Bid Documents will only be transmitted electronically.

A certified check/bank draft drawn on a solvent bank, payable without condition to the City or bid bond in an amount not less than 10% shall be submitted with each proposal, as a guarantee that, if the proposal is accepted, a contract will be entered into, and the performance of the contract is properly secured.

A performance and payment bond in a sum equal to 100% of the amount authorized with sureties to be approved by the Mayor and City Council for the faithful performance of the contract must be furnished by the successful bidder. All bids or proposals shall contain an offer to furnish bond upon acceptance of such bid or proposal.

The right is reserved to reject any or all proposals, to waive technicalities, to postpone the bid opening, or to advertise for new proposals, if in the judgment of the Engineering Department or Mayor and City Council their best interests will be promoted thereby.

The contractor will be required to pay not less than the prevailing wage rates on this project as established by the Illinois Department of Labor. He shall also comply with all applicable Federal, State and local regulations.

Prequalification will be required to be submitted to the engineer by all potential bidders. If in the opinion of the City Engineer and the Mayor and City Council, an applicant would not be able to serve the best interest of the city, a proposal will not be issued to the applicant.

City of Crest Hill Engineer
Department

INSTRUCTIONS TO BIDDERS

GENERAL

Proposals will be received by the City of Crest Hill's Engineering Department, for the construction of,

INNER CIRCLE DRIVE FROM MARLBORO LANE TO HOSMER LANE WATER MAIN IMPROVEMENT PROJECT

In accordance with the legal advertisement attached hereto entitled "Notice to Contractors".

The Notice to Contractors, Instructions to Bidders, Contractor's Proposal, Certificate as to Corporate Principal, Certified Check/Bid Bond, Specifications, Plans, Contract, the Performance Bond and the Maintenance Bond, shall be considered in every bid submitted and will become a part of every contract subsequently entered into for doing the work referred to herein.

EXAMINATION OF PLANS, SPECIFICATIONS AND SITE OF WORK

See Division 100, General Requirements and Covenants, Section 2, 2-3

PRE-QUALIFICATION

Proposers must be experienced in the construction of the type of facilities to be constructed under the contract for which a proposal is submitted. Which for the improvement is water main installation, pavement restoration and finishing.

DOCUMENTS OBTAINED FROM OTHER SOURCES

The Bid Documents, including plans and specifications may be obtained from V3 Companies by emailing Jason Holy at jholy@v3co.com or calling 630-254-1522 and requesting a digital set.

PROPOSALS

Proposals are solicited on the basis of a unit price bid for the work completed. They shall be made on the printed forms herewith attached. The blank spaces must be filled in correctly where indicated. The amount of the proposal must include all work necessary to make the project ready for operation, as shown on the plans and called for in the specifications. The proposal shall be for the work complete.

In the event of any difference or discrepancy in any amount or amounts which is set out both in words and in figures, in any of the contract documents or in the formal proposal of the Contractor, the written word or words shall not be construed to either limit or destroy the legal status of a unit price Contract.

Proposals that contain any omissions, erasures, or alterations or that contain additions or items not called for in the Contract Specifications and Plans, or that are deemed by the City of Crest Hill to contain irregularities of any kind may be rejected as informal.

No proposals will be accepted unless the bidder submitting it furnishes evidence satisfactory to the City of Crest Hill of his experience and familiarity with work of the character specified and of the

legal status of the bidder, that is, as a corporation, partnership, or an individual which must be stated in the proposal. A corporation bidder must name the state in which its articles of incorporation are held. A partnership proposer must give the full name and address of all partners. When a firm submits a proposal, the individual names of all its members shall be written and shall be signed in full but the signers may, if they choose, describe themselves, in addition as doing business under a firm name and style.

In cases where a corporation submits a proposal, the proposal must be signed in the name of and under the seal of the corporation by a duly authorized officer or agent of the corporation and his address given. Such officer or agent must present legal evidence that he or she has lawful authority to sign said proposal and that the signature is binding upon the corporation and that the corporation has a legal existence. In the event that any corporation organized and doing business under the laws of any foreign state, is the successful proposer, such corporation shall present evidence before a contract of said work is executed that it is authorized to do business in the State of Illinois.

Decisions on the acceptance or rejection of the various proposals will be made as soon as practicable after proposals are received, but the right is reserved by the City of Crest Hill to reject any or all proposals and to defer action on awarding a contract for sixty (60) days after proposals are received and opened.

THE PROPOSAL MUST NOT BE DETACHED HEREFROM OR FROM THE CONTRACT BY ANY PROPOSER WHEN SUBMITTING A PROPOSAL.

SOURCE AND NATURE OF FUNDS AVAILABLE

The payment for the proposed improvement referred to herein shall be made by the City of Crest Hill only after it has received a properly executed claim and approved pay estimate.

MATERIAL GUARANTEE

Before any proposal is awarded, the proposer may be required to furnish a complete statement of the original composition and manufacturer of any or all the materials to be used in the construction of the work along with any required samples. These samples will be subjected to the requirements spelled out in the contract documents to determine their quality and if the samples meet the requirements as specified. When the Contractor orders materials which will be subject to the tests as required by the contract documents, he shall state clearly to the Vendor that the material ordered is subject to such tests and the samples will not be used for the completion of work under this contract.

CONSIDERATION OF PROPOSALS/PROPOSAL

See Division 100, General Requirements and Covenants, Section 2, and Section 3, 3-1

BASIS OF AWARD

The award of the proposal will be made based on the summation of unit prices multiplied by the number of units for the entire improvement unless otherwise specified in the project special provisions. The contract for the construction of the work will be awarded based on the lowest total monetary Proposal Price for the entire improvement unless otherwise specified in the project special provisions, submitted by a qualified and responsible proposer. See Division 100, Section 3-2 for additional information.

In determining the most responsive and responsible proposer, , the City reserves the right to take into account and give responsible weight to the items listed in Division 100, Section 2-13.

No proposal will be awarded to any proposer whose work and/or equipment and materials as proposed do not, in the opinion of, the City, conform to the intent of the specifications.

The City reserves the right to award in part or in whole, or to not award whatever is deemed in the best interest of the Municipality. The city of Crest Hill further reserves the right to reject any or all bids.

See Division 100, General Requirements and Covenants, Section 3, 3-2 for timing of award.

PERFORMANCE AND PAYMENT BOND

The successful Contractor shall furnish to the city within ten (10) days after the successful proposer has been notified of the acceptance of his proposal;

1. A performance bond satisfactory to the city, executed by a surety company authorized to do business in the State of Illinois, in an amount equal to 100 percent (100%) of the amount authorized or a purchased order issued by the municipality conditioned to guarantee the full and complete performance of the work, according to the terms of the specifications, plans, and contract. The performance bond shall be properly executed and signed at the time of filing of said bonds. Said bonds are to remain in full force and effect up to and including the final acceptance of the work.
2. A payment bond satisfactory to the city executed by surety company authorized to do business in the State of Illinois, for the protection of all persons supplying labor and materials to the Contractor or Subcontractors for the performance of the work provided for in the contract, in the amount 100 percent (100%) of the amount authorized or a purchased order issued by the city In no case shall the bond be in an amount less than one Thousand Dollars (\$1,000).
3. Documents required by this section must be received and approved by the city before a written contract will be issued.

All bonds must be from companies having at least A-minus and of a class size of at least X as determined by A.M. Best Rating

MAINTENANCE BOND

Before the construction bond shall be released, the Contractor shall file a maintenance bond in an amount equal to ten percent (10%) of the amount the contract price prior to completion and final payment of the contract, as a guarantee that all workmanship and material furnished by the Contractor under the Contract shall be kept in satisfactory condition for a period of one (1) year, after the date of acceptance of the work by the City of Crest Hill. The surety required upon such maintenance bond shall be any surety company legally authorized to transact business in the State of Illinois. Said bond to be subject to the approval of the City of Crest Hill.

SUBCONTRACTORS

If any Bidder submitting a bid intends on subcontracting out all of any portion of the engagement, that fact, and the **name of the proposed subcontracting firm(s) must be clearly disclosed in the bid on the forms provided herein** (use additional forms if necessary).

In the event the Contractor requires a change of the subcontractor(s) identified, a written request from the Contractor and a written approval from the City of Crest Hill is required.

Notwithstanding written consent to subcontract approved by the City, the Contractor shall perform the Contractor's own organization, work amount to not be less than fifty (50%) percent of the total contract cost, and the materials purchased or produced by the Contractor.

Failure to identify subcontractors could result in disqualification.

SERVICEMEN'S EMPLOYEES TENURE ACT

The Contractor shall abide by the Servicemen's Employees Tenure Act, as amended, 330 ILCS 60/2, "safeguarding the employment and the rights and privileges inhering in the employment contract, of servicemen."

CHILD LABOR LAW

The Contractor shall abide by the Child Labor Law, as amended, 820 ILCS 205/1, which provides: "No minor under 16 years of age...at any time shall be employed, permitted or suffered to work in any gainful occupation...in any type of construction work within the state."

DRUG FREE WORK PLACE

The Contractor, as a party to a public contract, certifies and agrees that it will provide a drug free workplace through the Drug Free Workplace Act. A copy of this policy shall be included with the executed contract to each Municipality.

SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS PROJECT ACT

The Contractor agrees to comply with the Substance Abuse Prevention on Public Works Project Act, as amended, 620 ILCS 265/1 et Seq., and further agrees that all of its subcontractors shall comply with such Act.

PREVAILING WAGE RATES

The contractor shall follow the Prevailing Wage Act, as amended, 820 ILCS 130/0.01 et seq. on this project.

The current Prevailing Wages Rates for this project are for Will and Grundy County and they can be found at: <http://www.state.il.us/agency/idol/rates/rates.HTM>

NUMBER OF COPIES OF CONTRACT

See Division 100, General Requirements and Covenants Section 3-5

FAILURE TO EXECUTE CONTRACT

See Division 100, General Requirements and Covenants Section 3-6.

ESTIMATE OF QUANTITIES

The attention of all prospective proposers on the construction improvement provided for herein is also directed to the following:

An Estimate of Quantities for the proposed improvement is included herein. The Estimate of Quantities shown is believed to be substantially correct, but is not guaranteed as to correctness by either the City of Crest Hill, or by the Engineer, or by any representative of the City of Crest Hill or of the Engineer.

INSURANCE

See Division 100, General Requirements and Covenants Section 7-2.

A **Certificate of Insurance** that states the City has been endorsed as an “additional insured” by the Contractor’s **Insurance carrier**. **Specifically, this Certificate must include the following language: “The (municipality’s name inserted). And their respective elected and appointed officials, employees, agents, consultants, attorneys and representatives, are, and have been endorsed, as an additional insured under the above referenced policy number _____ on a primary and non-contributory basis for general liability insurance and automobile liability coverage for the duration of the contract term.”**

In the event the Contractor fails to obtain or maintain any insurance coverages required under this agreement each municipality may purchase such insurance coverages and charge the expense thereof to the Contractor.

CHANGE IN STATUS

The Contractor shall notify the city immediately of any change in its status resulting from any of the following: (a) Contractor is acquired by another party; (b) change of greater than 5% ownership interest; (c) Contractor becomes insolvent; (d) Contractor, voluntarily or by operation law, becomes subject to the provisions of any chapter of the Bankruptcy Act; (e) Contractor ceases to conduct its operations in the normal course of business. The city shall have the option to terminate this agreement with the Contractor immediately on written notice based on any such change in status.

INVOICES, PAYMENTS, AND QUANTITIES

The Contractor shall submit invoices the city or their authorized representative detailing the services provided directly to the City. All services shall be invoiced based on unit pricing and quantities used. The City shall only pay for quantities used or ordered. Quantities may be adjusted up or down based on the needs of the City. Payment shall be made in accordance with the Local Government Prompt Payment Act.

Invoices shall be delivered to:

City of Crest Hill
Ronald J Wiedeman
City Engineer
2090 Oakland Avenue
Crest Hill Illinois 60403

AUDIT/ACCESS TO RECORDS

- A. The Contractor shall maintain books, records, documents and other evidence directly pertinent to performance of the work under this agreement consistent with generally accepted accounting standards in accordance with the American Institute of Certified Public

Accountants Professional Standards. The Contractor shall also maintain the financial information and data used by the contractor in the preparation or support of any cost submissions required under this subsection, (Negotiation, of Contract Amendments, Change Orders) and a copy of the cost summary submitted to the Municipality. The Municipality or any of its duly authorized representatives shall have access to the books, records, documents, and other evidence for purposes of inspection, audit, and copying. The Contractor will provide facilities for such access and inspection.

- B. If this contract is a formally advertised, competitively awarded, fixed price contract, the contractor agrees to include access to records as specified above. This requirement is applicable to all negotiated change orders and contract amendments in excess of \$25,000, which affect the contract prices. In all other prime contracts, the contractor also agrees to include access to records as specified above in all its contracts and all tier subcontracts or change orders thereto directly related to project performance, which are in excess of \$25,000.
- C. Audits conducted in pursuant to this provision shall be consistent with accepted auditing standards in accordance with the American Institute of Public Accountants Professional Standards.
- D. The contractor agrees to the disclosure of all information and reports resulting from access to records pursuant to the subsection above. Where the audit concerns the contractor, the auditing agency will afford the contractor an opportunity for an audit exit conference and an opportunity to comment on the pertinent portions of the draft audit report. The final audit report will include the written comments, if any, of the audited parties.\
- E. Records under the subsection above shall be maintained and made available during performance of the work under this agreement and until three years from the date of final audit for the project. In addition, these records with relate to any dispute or litigation or the settlement of claims arising out of such performances, costs or items to which an audit exception has been taken, shall be maintained and made available for three years after the date of resolution of such dispute, appeal, litigation, claim or exception.
- F. The right of access conferred by this clause will generally be exercised (with respect to financial records) under:
 - a. Negotiated prime contractor
 - b. Negotiated change orders or contract amendments in excess of \$25,000 affecting the price of any formally advertised, competitively awarded, fixed rate contract; and
 - c. Subcontracts or purchase orders under any contract other than a formally advertised, competitively awarded, fixed price contract.
- G. The right of access will generally not be exercised with respect to the prime contract, subcontract or purchase order awarded after effective price competition. In any event, the right of access shall be exercised under any type of contract of subcontract:
 - a. With respect to records pertaining directly to contract performance, excluding any financial records of the contractor; and
 - b. If there is any indication that fraud, gross abuse, or corrupt practices may be involved.

COOPERATION WITH FOIA COMPLIANCE

Contractor acknowledges that the Freedom of Information Act may apply to public records in possession of the Contractor or a subcontractor. Contractor and all of its subcontractors shall cooperate with the municipality in its efforts to comply with the freedom of information Act. 5 ILCS 140/1 et.seq.

LICENSE

The successful contractor and all sub-contractors shall have a license to work in the City of Crest Hill.



Local Public Agency
Formal Contract Proposal

E-mail Reset Form

COVER SHEET

Proposal Submitted By:

Contractor's Name

Contractor's Address

City

State

Zip Code

STATE OF ILLINOIS

Local Public Agency

City of Crest Hill

County

Will

Section Number

N/A

Route(s) (Street/Road Name)

Inner Circle Drive, Marlboro Lane and Hosmer Lane

Type of Funds

Local

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)
City of Crest Hill	Will	N/A	Inner Circle Drive, Marlboro Lane

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of the City of Crest Hill, Public Works

<u>20600 City Center Boulevard, Crest Hill, IL 60403</u>	Name of Office	until <u>10:00 AM</u>	on <u>04/16/26</u>
Address		Time	Date

Sealed proposals will be opened and read publicly at the office of City Hall 20600 City Center Blvd, Crest Hill 60403

	Name of Office	at <u>10:00 AM</u>	on <u>04/16/26</u>
Address		Time	Date

DESCRIPTION OF WORK

Location	Project Length
Inner Circle Drive, Marlboro Lane and Hosmer Lane	

Proposed Improvement

Water main and service installation; Storm sewer removal and installation; Pavement removal and restoration; Pavement resurfacing; Driveway, Sidewalk, Curb & Gutter removal and replacement; Landscape restoration

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

Contact Jason Holy at jholy@v3co.com or by calling 630-254-1522 and requesting a digital set.

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)
City of Crest Hill	Will	N/A	Inner Circle Drive, Marlboro La

PROPOSAL

1. Proposal of _____ Contractor's Name _____

_____ Contractor's Address _____

2. The plans for the proposed work are those prepared by V3 Companies
and approved by the Department of Transportation on N/A

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 will 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 will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond, if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to: City Treasurer of Crest Hill

The amount of the check is _____ (_____).

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 N/A

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Crest Hill	Will	N/A	Inner Circle Drive, Marlboro La

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 of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.

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

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

City of Crest Hill

Will

N/A

Inner Circle Drive, Marlboro La

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

Signature & Date

Title

Business Address

City

State

Zip Code

Insert Names of Officers

President

Secretary

Treasurer

Attest:

Secretary



E-mail

Reset Form

Local Public Agency

County

Section Number

City of Crest Hill

Will

N/A

WE, _____ as PRINCIPAL, and _____ as SURETY, are held jointly,

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

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

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

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

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their

respective officers this _____ of _____

Day

Month and Year

Principal

Company Name

Signature & Date

By:

Title

Company Name

Signature & Date

By:

Title

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

Surety

Name of Surety

Signature of Attorney-in-Fact Signature & Date

By:

STATE OF IL

COUNTY OF

I _____, a Notary Public in and for said county do hereby certify that

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

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

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

Day

Month and Year

Notary Public Signature & Date

(SEAL, if required by the LPA)

Date commission expires _____

Local Public Agency

County

Section Number

City of Crest Hill

Will

N/A

ELECTRONIC BID BOND

Electronic bid bond is allowed (box must be checked by LPA if electronic bid bond is allowed)

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

Electronic Bid Bond ID Code

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Company/Bidder Name

--

Signature & Date

--

Title

--



Affidavit of Availability

For the Letting
of

Reset Form

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						
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if						\$0
Uncompleted Dollar Value if Firm is the Subcontractor						\$0
Total Value of All Work						\$0

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						\$0
Portland Cement Concrete Pa ⁺						\$0
HMA Plant Mix						\$0
HMA Paving						\$0
Clean & Seal Cracks/Joints						\$0
Aggregate Bases, Surfaces						\$0
Highway, R.R., Waterway Struc.						\$0
Drainage						\$0
Electrical						\$0
Cover and Seal Coats						\$0
Concrete Construction						\$0
Landscaping						\$0
Fencing						\$0
Guardrail						\$0
Painting						\$0
Signing						\$0
Cold Milling, Planning, Rotomi ⁺						\$0
Demolition						\$0
Pavement Markings (Paint)						\$0
Other Construction (List)						\$0
						\$0
						\$0
						\$0
Totals	\$0	\$0	\$0	\$0	\$0	\$0

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

Part III. Work Subcontracted to Others.

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

Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Add	Total Uncompleted	\$0	\$0	\$0	\$0

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

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

Add pages for additional contracts

Subcontractor Form

Contractor Name	Contractor Contact Information	Work Performed

Prime Contractor: _____

**BID TAB
RETURN WITH BID**

BASE BID FOR INNER CIRCLE DR, MARLBORO LN AND HOSMER CT

ITEM NO.	PAY ITEM	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL BID COST
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	154	\$	\$
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	462	\$	\$
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100	\$	\$
28000510	INLET FILTERS	EACH	14	\$	\$
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	554	\$	\$
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	154	\$	\$
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	7,228	\$	\$
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	723	\$	\$
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	56	\$	\$
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	540	\$	\$
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	360	\$	\$
42400800	DETECTABLE WARNINGS	SQ FT	80	\$	\$
44000100	PAVEMENT REMOVAL	SQ YD	132	\$	\$
44000169	HOT-MIX ASPHALT SURFACE REMOVAL, 5"	SQ YD	3,025	\$	\$
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	450	\$	\$
55100500	STORM SEWER REMOVAL 12"	FOOT	367	\$	\$
56103000	DUCTILE IRON WATER MAIN, 6"	FOOT	95	\$	\$
56103100	DUCTILE IRON WATER MAIN, 8"	FOOT	1,007	\$	\$
56105000	WATER VALVES 8"	EACH	4	\$	\$
56400500	FIRE HYDRANT TO BE REMOVED	EACH	3	\$	\$
56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	4	\$	\$
56500800	DOMESTIC WATER SERVICE BOX	EACH	22	\$	\$
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	4	\$	\$
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	1	\$	\$
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	\$	\$
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	\$	\$
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	811	\$	\$
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	233	\$	\$
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	28	\$	\$
78011030	GROOVING FOR RECESSED PAVEMENT MARKING, 7"	FOOT	233	\$	\$
78011125	GROOVING FOR RECESSED PAVEMENT MARKING, 25"	FOOT	28	\$	\$

X0324878	SANITARY SEWER SERVICE ADJUSTMENT	FOOT	100	\$	\$
X1200160	CONNECTION TO EXISTING DRAINAGE STRUCTURE	EACH	1	\$	\$
X2080250	TRENCH BACKFILL, SPECIAL	CU YD	1,169	\$	\$
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	500	\$	\$
X3580300	AGGREGATE BASE REPAIR (SPECIAL)	TON	100	\$	\$
X5610658	WATER MAIN TO BE ABANDONED, 8"	FOOT	980	\$	\$
X5610706	WATER MAIN REMOVAL, 6"	FOOT	33	\$	\$
X5610804	NON-PRESSURE CONNECTION TO EXISTING WATER MAIN	EACH	4	\$	\$
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	4	\$	\$
X6026632	VALVE BOXES TO BE REMOVED	EACH	2	\$	\$
X7010216	TRAFFIC CONTROL & PROTECTION (SPECIAL)	L SUM	1	\$	\$
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	\$	\$
	3" HMA DRIVEWAY REMOVAL AND REPLACEMENT	SQ FT	119	\$	\$
	CASH ALLOWANCE	UNITS	25,000	\$	\$
	CITY CONSTRUCTION SIGN	SQ FT	24	\$	\$
	COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL)	FOOT	1,275	\$	\$
	INSERTION VALVES, 8"	EACH	1	\$	\$
	PARKWAY RESTORATION - SODDING	SQ YD	554	\$	\$
	PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT	SQ YD	214	\$	\$
	PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL)	SQ FT	3,146	\$	\$
	SHAPING AND GRADING ROADWAY	SQ YD	3,081	\$	\$
	STRUCTURES TO BE REMOVED	EACH	1	\$	\$
	SUMP LINE	FOOT	100	\$	\$
	TEMPORARY ACCESS	EACH	21	\$	\$
	TEMPORARY PAVEMENT, 2"	SQ YD	1,143	\$	\$
	WATER MAIN CASING SLEEVE	FOOT	20	\$	\$
	WATER SERVICE LINE, 1" (LONG)	EACH	11	\$	\$
	WATER SERVICE LINE, 1" (SHORT)	EACH	11	\$	\$
TOTAL					\$

Table of Contents

GENERAL PROVISIONS..... 1

SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK..... 1

PREVAILING WAGES 2

CERTIFIED PAYROLL REQUIREMENTS 2

CONTRACTING WITH SMALL AND MINORITY FIRMS, WOMEN’S BUSINESS ENTERPRISE, AND LABOR SURPLUS AREA FIRMS 2

PRIVATE PROPERTY ACCESS..... 3

VIDEO OF CONSTRUCTION ROUTE..... 3

MOBILIZATION & DEMOBILIZATION..... 4

MAINTENANCE OF EXISTING UTILITIES 4

VANDALISM 5

CONSTRUCTION AND DEMOLITION DEBRIS 5

MAINTENANCE OF ROADWAYS 5

PROTECTION OF EXISTING WATER MAINS 6

STREET CLEANING..... 6

DUST CONTROL..... 6

CONSTRUCTION SITE INSPECTION, STREET SWEEPING AND CONCRETE WASHOUTS 7

STOCKPILE AND SPOILS PROTECTION..... 7

SIGN RELOCATE 8

CONTRACTOR’S GENERAL WARRANTY AND GUARANTEE..... 8

PUBLIC CONVENIENCE AND SAFETY 9

WATER SUPPLY AND USAGE 9

MATERIAL TESTING 9

MATERIAL SUBMITTALS 10

TEMPORARY WATER SHUTDOWNS 10

INDIVIDUAL UTILITY PERMIT BOND AND UTILITY PERMIT 10

SODDING-NURSERY-SUPPLEMENTAL WATERING..... 10

SPECIAL PROVISIONS..... 11

CLARIFICATION OF CONTRACT DOCUMENTS 11

CONTRACT TIME..... 11

PAVEMENT REMOVAL..... 11

CITY CONSTRUCTION SIGN..... 11

DUCTILE IRON WATER MAIN 12

DISINFECTION OF WATER MAINS	13
WATER MAIN FITTINGS	15
WATER MAIN TO BE ABANDONED	15
WATER MAIN REMOVAL	15
STORM SEWER REMOVAL	16
WATER VALVES, of the diameter specified	16
FIRE HYDRANT TO BE REMOVED	17
FIRE HYDRANT WITH AUXILIARY VALVE & VALVE BOX	18
VALVE VAULTS, TYPE A, 5' DIA, TYPE 1 FRAME, CLOSED LID	19
EXPLORATION TRENCH, SPECIAL	19
AGGREGATE SUBGRADE IMPROVEMENT (SPECIAL)	19
TEMPORARY ACCESS	20
CONSTRUCTION LAYOUT	21
CASH ALLOWANCE	23
CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	23
CATCH BASIN, TYPE C, TYPE 1 FRAME, OPEN LID	24
COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL)	24
NON-PRESSURE CONNECTION TO EXISTING WATER MAINS	25
WATER MAIN CASING SLEEVE.....	26
DOMESTIC WATER SERVICE BOX	26
DOMESTIC WATER SERVICE BOX REMOVAL	27
DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT	27
INSERTION VALVE, of the specified diameter	28
PARKWAY RESTORATION - SODDING	28
PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL)	29
DETECTABLE WARNINGS	30
SANITARY MANHOLES TO BE ADJUSTED	30
SANITARY SEWER SERVICE ADJUSTMENT	32
STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2	34
VALVE BOXES TO BE REMOVED	34
VALVE VAULTS TO BE REMOVED	34
STRUCTURES TO BE REMOVED	35
SUMP LINE	35
TRAFFIC CONTROL & PROTECTION (SPECIAL)	36
TRAFFIC CONTROL DEFICIENCY DEDUCTION	37

TRENCH BACKFILL, SPECIAL	37
WATER SERVICE LINE, 1" (LONG)	37
WATER SERVICE LINE, 1" (SHORT)	37
CORPORATION STOPS	39
CATCH BASINS TO BE ADJUSTED	39
CONNECTION TO EXISTING DRAINAGE STRUCTURE	40
CATCH BASIN (SPECIAL)	40
TEMPORARY PAVEMENT, 2"	40
AGGREGATE BASE REPAIR (SPECIAL)	41
SHAPING AND GRADING ROADWAY	42
3" HMA DRIVEWAY REMOVAL AND REPLACEMENT	42
REMOVE EXISTING WATER VALVE	42
HOT-MIX ASPHALT BINDER AND SURFACE COURSE (D1)	43

LR107-4 SPECIAL PROVISION FOR INSURANCE
WILL COUNTY PREVAILING WAGE RATES
CITY OF CREST HILL DIVISION 100 – GERNEAL REQUIREMENTS AND COVENANTS
RESULTS OF GEOTECHNICAL INVESTIGATION AND CCDD ANALYSIS

GENERAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", adopted January 1, 2022; the latest editions of the "Supplemental Specifications and Interim Special Provisions" and the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways"; the "Manual of Test Procedures for Materials" in effect on the date of the invitation for bids. These specifications included herein apply to and govern the proposed contract except as modified below. However, Division 100, General Requirements and Covenants shall, in all cases, govern the work of this contract. Section 100 "General provisions" of the Standard Specifications is specifically excluded from this contract unless otherwise noted."

When the term "WATER AND SEWER SPECIFICATIONS" is used in the contract documents, it shall refer to the "Standard Specifications for Water and Sewer Main Construction in Illinois", Seventh Edition, adopted in July 2014. The text is available from the Associated General Contractors of Illinois or the Illinois Society of Professional Engineers.

SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK

The BIDDER acknowledges that it has taken steps reasonably necessary to ascertain the nature and location of the work. It has investigated and satisfied itself as to the general and local conditions which can affect the work or its costs, including but not limited to:

- (1) Conditions bearing upon transportation, disposal, handling and storage of materials
- (2) The availability of labor, water, electric power, and roads
- (3) Uncertainties of weather, river stages, tides, or similar physical conditions at the site
- (4) The conformation and conditions of the ground
- (5) The character of equipment and facilities needed preliminary to and during work performance

The BIDDER also acknowledges that it has satisfactorily assessed the character, quality, and quantity of surface materials, subsurface materials, and obstacles to be encountered from all resources at the BIDDER's disposal including but not limited to: site inspection, exploratory work, drawings, and the specifications. Any failure of the BIDDER to take the actions described and acknowledged in this paragraph causing an improper estimate of the difficulty and cost for successfully performing the work will not relieve them from their responsibility for successfully performing said work at no additional expense to the CITY.

V3 Companies, Ltd. assumes no responsibility for any conclusions or interpretations made by the BIDDER based on the information made available by V3 Companies, Ltd. or the CITY. Neither the CITY nor V3 Companies, Ltd. assume responsibility for any understanding reached or representation made concerning conditions which can affect the work by any of its officers or agents before the acceptance of the bid offer and execution of the contract, unless that understanding or representation is expressly stated in the contract.

PREVAILING WAGES

This contract calls for the construction of a “public work”, within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/.01 *et seq.* (“the Act”). The Act requires CONTRACTORS and subcontractors to pay laborers, workers, and mechanics performing services on public works projects no less than the “prevailing rate of wagers” (hourly cash wages plus fringe benefits) in the county where the work is performed. For information regarding current prevailing wage rates, please refer to the Illinois Department of Labor’s website at: <http://www.state.il.us/agency/idol/rates/rates.HTML>. All CONTRACTORS and subcontractors rendering services under this contract must comply with all requirements of the Act, *including but not limited to*, all wage, notice, and record keeping duties.

CERTIFIED PAYROLL REQUIREMENTS

CONTRACTORS and subcontractors must submit certified payroll records on a monthly basis to The City of Crest Hill and the County along with a statement affirming that such records are true, accurate, and that the wages paid to each worker are not less than the required prevailing rate.

The certified payroll records must include for every worker employed on the public works project the name, address, telephone number, social security number, job classification, hourly wages paid in each pay period, number of hours worked each day, and starting and ending time of work each day. These certified payroll records are considered public records and public bodies must make these records available to the public under the Freedom of Information Act, except for the employee’s address, telephone number, and social security number. Any CONTRACTOR who fails to submit a certified payroll or knowingly files a false certified payroll is guilty of a Class B misdemeanor and subject to the consequences of the law.

CONTRACTING WITH SMALL AND MINORITY FIRMS, WOMEN’S BUSINESS ENTERPRISE, AND LABOR SURPLUS AREA FIRMS

MBE and WBE firms are encouraged to bid on this project. It is national policy to award a fair share of contracts to small and minority businesses when possible as sources of supplies, equipment, construction, and services. If any subcontractors are to be let, the prime CONTRACTOR shall take the following affirmative steps:

- A. Including qualified small and minority businesses on solicitation lists.
- B. Assuring that small and minority businesses are solicited whenever they are potential sources
- C. When economically feasible, dividing total requirements into small tasks or quantities so as to permit maximum small and minority businesses.
- D. Where the requirement permits, establishing delivery schedules which will encourage participation by small and minority business.
- E. Using the services and assistance of the Small Business Administration, the Office of Minority Business Enterprise of the Department of Commerce and the Community Services Administration as required.

CONTRACTORS shall take similar appropriate affirmative actions in support of Women’s Business Enterprises. CONTRACTORS are encouraged to procure goods and services from labor surplus areas.

PRIVATE PROPERTY ACCESS

The contract plans show driveway improvements outside the City ROW. Once the project has been awarded to the CONTRACTOR the City and the Resident Engineer will work with the various private properties to gain access to their properties. No work can commence on private property till the Resident Engineer or City says so. Once access is granted the CONTRACTOR is to move swiftly to redo the driveway and surrounding grading to cause the least amount of impact to the property owner.

VIDEO OF CONSTRUCTION ROUTE

Description. Prior to the start of any construction or excavation, the CONTRACTOR shall videotape the existing conditions in the area of the construction route. The video shall be done on standard color DVD. The CONTRACTOR shall supply the ENGINEER with two copies of the video prior to starting construction. The video shall include the following:

- | | | |
|----------------------|-----------------------|-------------------------------|
| 1. Full right-of-way | 2. Parkway condition | 3. Pavement condition |
| 4. Curb condition | 5. Driveway condition | 6. Existing manholes |
| 7. Fire hydrants | 8. Fences | 9. Trees and landscaped areas |

The video recordings shall also supply a continuous audio record of the location (preferably with address), all anticipated problem areas, items, and features for the complete area to be affected by the construction.

The video recording shall be made on a DVD or other approved equal and shall conform to Japan Electronics and Information Technology Industries Association (JEITA) standards. The format of recording and type of media used shall remain the same throughout the project. When the recorded video information is replayed and reviewed, it shall be free of electrical interference.

The audio portion of the composite signal shall be sufficiently free of electrical interference, background noise, and heavy foreign or regional accents to provide an oral report that is clear and complete and easily discernible. The audio portion of the video report shall be recorded by the operating technician on the video as they are being produced and shall include references to the street address and type of construction to be performed at the site as specified in the plans. Audio comments pertaining to special circumstances, which may arise during the excavation, shall also be included. Dubbing the audio information onto the video tract after the video is completed will not be permitted.

Video recordings shall be enclosed in vinyl plastic containers, which shall clearly indicate the date the video was taken, the designated section(s) of construction contained on the tape, and the label "INNER CIRCLE DRIVE, from Marlboro Ln to Hosmer Ln _____." The actual street location shall also be listed on the DVD. One (1) copy of the finished video shall be delivered to the ENGINEER prior to commencing excavation.

The surface condition of excavated areas after final restoration shall be the same or better than the pre-construction site conditions as shown in the video. The cost of video and log preparation shall not be compensated for separately but shall be considered incidental to the contract.

MOBILIZATION & DEMOBILIZATION

The CONTRACTOR should note that no mobilization and demobilization payment will be made for this contract, and it shall be considered incidental to the various contract pay items.

MAINTENANCE OF EXISTING UTILITIES

The CONTRACTOR shall be responsible for interference with or damage to any existing utilities, such as water mains, sewers, gas mains, cable, conduit, etc., and shall repair or replace them in kind at the CONTRACTOR's own expense and with the least possible delay to the satisfaction of the utility owner and/or the ENGINEER. The CONTRACTOR shall give prior notification to the utility companies of their intention to begin work. The CONTRACTOR shall also call J.U.L.I.E. at 1-800-892-0123 and the CITY to mark the location of underground utilities.

NAME OF UTILITY	CONTACT	ADDRESS	TYPE	CONFLICT STATUS
AT&T-D	Tom Laskowski	1000 Commerce Drive Oak Brook, IL 60523 630-779-4722	Phone	No conflicts
Comcast	Martha Gieras	688 Industrial Drive Elmhurst, IL 60126 224-229-5862	Cable	N/A
ComEd	Rayn Ordonez-Haggard	2 Lincoln Center Oakbrook Terrace, IL 60181 779-231-0625	Electric	No Conflicts
Nicor	Karey Johnson	1844 Ferry Road Naperville, IL 60563 224-417-9356	Gas	Conflicts plan under design
City of Crest Hill	Julius Hasen	2090 Oakland Avenue Crest Hill, IL 60403 815-741-7108 Jhasen@cityofcresthill.com	Water and Sanitary Sewer	No conflicts

The CONTRACTOR shall note that all representation of existing utilities within the contract documents is for informational purposes only and shall not be understood to be the exact location of the existing utilities or a complete account of all possible existing utilities. The CONTRACTOR shall be responsible for avoiding interference with any existing utility, to the satisfaction of the ENGINEER.

The CONTRACTOR shall contact and notify NICOR when working in close proximity to existing NICOR facilities.

VANDALISM

Special attention is called to Article 107.30 of the STANDARD SPECIFICATIONS. Any defaced work shall be corrected or replaced by the CONTRACTOR at the CONTRACTOR's sole expense prior to final payment. The CITY shall cooperate with the CONTRACTOR to minimize vandalism, but the CONTRACTOR shall be ultimately responsible to correct any damage.

CONSTRUCTION AND DEMOLITION DEBRIS

Add the following to the third paragraph of Article 202.03 of the Standard Specifications:

"The CONTRACTOR shall not conduct any generation, transportation, or recycling of construction or demolition debris, clean or general or uncontaminated soil generated during construction, remodeling, repair, and demolition of utilities, structures, and roads that is not commingled with any waste, without the maintenance of documentation identifying the hauler, generator, place of origin of the debris or soil, the weight or volume of the debris or soil, and the location, owner, and operator of the facility where the debris or soil was transferred, disposed, recycled or treated. This documentation must be maintained by the CONTRACTOR for 3 years.

Additionally, the following shall apply to this project:

All removal or excavation items being disposed of at an uncontaminated soil fill operation or Clean Construction and Demolition Debris (CCDD) fill site shall meet the requirements of Public Act 96-1416. All costs associated with meeting these requirements shall be included in the unit price for the associated items in the contract that require removal and disposal of CCDD and uncontaminated soil. These costs shall be included but are not limited to all required testing, lab analysis, certification by a licensed professional engineer, state and local tipping fees."

The geotechnical investigation and Uncontaminated Soil Certification LPC-663 (663) are provided in Appendix B. The 663 for this project certified all project soils for CCDD disposal. It should be noted by the contractor that demonstration of compliance with CCDD regulations and achievement of the Maximum Allowable Concentrations (MACs) does not guarantee soils and fill material will be accepted at all CCDD/Uncontaminated Soil Fill Operations (USFO). CCDD/USFO facilities are privately operated facilities and reserve the right to reject fill material on any criteria. The provided soil evaluation was conducted in accordance with applicable Illinois clean fill regulations. It is the contractor's responsibility to coordinate acceptance with the selected facility based on this documentation. CCDD/USFO facilities may have acceptance criteria which is more stringent than the minimum requirements of Title 35: Subtitle J: Chapter I: Part 1100. Any additional sampling or soil evaluation required by a contractor selected CCDD/USFO facility is the responsibility of the contractor.

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. The geotechnical investigation was conducted with 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 are encountered during the course of the project, project soils should be reevaluated.

MAINTENANCE OF ROADWAYS

Beginning on the determined start date of the 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 CITY but shall not include snow removal operations. Traffic control and protection for this work will be provided by the CONTRACTOR as required by the CITY.

The work involved in maintaining the existing pavement will not be paid for separately, but shall be considered incidental to the contract, unless otherwise specified elsewhere in these Special Provisions. Traffic control and protection required for this work shall be included in the TRAFFIC CONTROL & PROTECTION (SPECIAL) Special Provision.

PROTECTION OF EXISTING WATER MAINS

The contractor shall make effort to protect the existing water mains located within the project limits. Care shall be taken when working within the vicinity of existing water mains and the CONTRACTOR should limit excavation and material storage near and/or above existing water mains. If an existing water main break occurs within the vicinity of the CONTRACTOR's work area during active construction, or a break occurs due to CONTRACTOR negligence, the CONTRACTOR shall be responsible for repairing the break on the existing water main at his/her own expense.

If a water main break occurs within the project limits outside of work hours, or due to City-authorized valve exercising, the CONTRACTOR shall provide assistance to repair the main, but shall be compensated on a Time and Materials basis for the work as approved by the City.

STREET CLEANING

Special attention shall be paid to Section 107.15 of the STANDARD SPECIFICATIONS. If the CONTRACTOR fails to clean the pavement, sidewalk, or parkways on or adjacent to the section under construction to the satisfaction of the CITY at any time during the contract, the CITY will notify the CONTRACTOR at which time the CONTRACTOR will have 24 hours to respond. If the CONTRACTOR fails to respond within 24 hours, an amount of \$500.00 per incident will be deducted from any monies due the CONTRACTOR not as a penalty but as liquidated damages.

DUST CONTROL

The CONTRACTOR shall be responsible for controlling the dust and air-borne dirt generated by his/her construction activities in accordance to Section 107.36 of the STANDARD SPECIFICATIONS.

The implementation of dust control procedures will be required if wind and dry soil conditions reduce visibility on adjacent roads and property and interfere with drainage or create a traffic hazard. Concerns for health and safety to the public using adjacent facilities will be grounds for the implementation of a dust control provisions. When circumstances warrant, a specific dust control procedure shall be developed by the CONTRACTOR that will provide the materials and methods for controlling dust control. The dust control provisions will be sent to the ENGINEER and OWNER for information. Sample techniques that may warrant consideration include such measures as:

1. Minimize track out of soil onto nearby publicly traveled roads.
2. Street Sweeping as necessary.
3. Reduce vehicle speed on unpaved surfaces.
4. Cover haul vehicles.

5. Apply chemical dust suppressants or water to exposed surfaces, particularly to surfaces on which construction vehicles travel.

Dust control measures as indicated shall be readily available for use on the project site. The cost of this work shall be included in the unit prices bid for various items and no additional compensation will be allowed.

CONSTRUCTION SITE INSPECTION, STREET SWEEPING AND CONCRETE WASHOUTS

Description. This work will consist of furnishing all labor and equipment to perform the items listed below to prevent the movement of soils or the effects of pollutants from a construction site that could get into existing or proposed drainage systems or a watercourse. This work will be completed as shown in the plans and as described below.

Construction Site Inspection - The CONTRACTOR shall monitor all erosion control items at least once (1) per week or by the end the following business day after a measurable rain event. This inspection must be completed in a written form and shall, at a minimum, have the following information.

1. The name of the person performing the inspection
2. Date of the inspection
3. Problem Identified
4. Details of corrective action and the date this action has been completed

These reports must be kept on the jobsite and shall be provided to the OWNER or ENGINEER if requested. These records must be held for a minimum of 2-years after the completion of the project.

Street Sweeping-This work will be completed to reduce the amount of pollutants that could be washed into a storm sewer or water course.

Concrete Washouts-The concrete washouts shall be a prefabricated unit. The CONTRACTOR will need to provide the CITY with a copy of the product that is intended to be used for review and approval.

The cost of construction site inspection, street sweeping, concrete washouts shall be considered incidental to the contract.

STOCKPILE AND SPOILS PROTECTION

Description. This work will consist of furnishing all labor, equipment and materials to protect spoils to prevent the movement of spoils or the effects of pollutants in the spoils from a construction site from getting into existing or proposed drainage systems or a watercourse when performing dewatering, stockpiling material and installing storm sewer, sanitary sewer or water mains. Stockpiles are not anticipated for this project, however if the CONTRACT determines their need, the work will be completed as described below.

The CONTRACTOR shall use a filter sock by Siltworm, Inc. or approved equal. The filter sock shall be placed completely around the spoil pile and be installed per the manufacturer's directions.

The ends of the filter socks shall be secured with zip ties.

When multiple filter socks are required to surround a spoil pile the ends shall be secured with zip ties when staking is not feasible or desired.

The cost of Stockpile and Spoils Protection shall be considered incidental to the contract.

SIGN RELOCATE

Street signs located in or near the construction zone that are not indicated for replacement shall be removed and relocated to intersection street light poles by the CONTRACTOR as directed by the CITY.

The CONTRACTOR shall be responsible for replacing, at the CONTRACTOR's sole expense, any signs damaged during construction and the operation of removing and relocating any signs. The removal and relocation of all existing signs within the construction limits shall not be paid for separately but shall be incidental to the contract.

CONTRACTOR'S GENERAL WARRANTY AND GUARANTEE

The CONTRACTOR shall provide a written guarantee and Maintenance/Warranty Bond for an amount not to be less than ten (10) percent of the final contract amount. The written guarantee and bond shall be in full force for a period of one (1) year after approval of the final payment on the contract. The conditions of the warranty and guarantee shall be as follows:

- A. CONTRACTOR warrants and guarantees to the CITY that all work will be in accordance with the contract documents and will not be defective. ENGINEER and its officers, directors, members, partners, employees, agents, consultants and subcontractors shall be entitled to rely on representation of CONTRACTOR's warranty and guarantee.
- B. CONTRACTOR's warranty and guarantee here under excludes defects or damage caused by:
 - a. Abuse, modification, or improper maintenance or operation by persons other than the CONTRACTOR, subcontractor, suppliers, or any other individual or entity for whom the CONTRACTOR is responsible
 - b. Normal wear and tear under normal usage
- C. CONTRACTOR's obligation to perform and complete the work in accordance with the contract documents shall be absolute. None of the following will constitute an acceptance of work that is not in accordance with the contract documents or a release of the CONTRACTOR's obligation to perform the work in accordance with the contract documents:
 - a. Observations by ENGINEER
 - b. Recommendation by ENGINEER or payment by CITY of any progress or final payment
 - c. The issuance of a certificate of substantial completion by ENGINEER or any payment related thereto by the CITY
 - d. Use or occupancy of the work or any part thereof by the CITY
 - e. Any review and approval of a shop drawing or sample submittal or the issuance of a notice of acceptability by the ENGINEER
 - f. Any inspection, test, or approval by others
 - g. Any correction of defective work by the CITY

The warranty and guarantee shall be included in the cost of the contract.

PUBLIC CONVENIENCE AND SAFETY

In addition to the requirements of Article 107.09 of the STANDARD SPECIFICATIONS, the CONTRACTOR shall maintain entrances and side roads along the proposed improvements. Interference with traffic movements and inconvenience to owners of abutting property and public shall be kept to a minimum. Any delays or inconveniences caused the CONTRACTOR by complying with these requirements shall be considered as incidental to the contract and no additional compensation will be allowed.

The CONTRACTOR is to plan their work so that there will be no open holes in the pavement during non-work hours. All trenches, excavations, street openings, and other work located within the limits of the pavement shall be filled flush with the adjacent pavement or covered with steel plates at the end of each workday until after the underground water main work is complete.

All trench backfill shall be paid according to the special provision for TRENCH BACKFILL, SPECIAL excluding the top 5.5" of backfill required to bring the trench flush with the pavement. The top 5.5" of backfill shall be filled with temporary aggregate. The temporary aggregate surface shall be maintained until the entire pavement is removed. The installation of the 5.5" of temporary aggregate will not be considered for payment but shall be incidental to the cost of TRENCH BACKFILL, SPECIAL.

During all construction operations, the CONTRACTOR will be required to provide, erect, and maintain proper signage and barricades plus provide flagmen as necessary for stage traffic control. All - traffic control including signage, barricades, and the use of flagmen shall be according to current IDOT and MUTCD standards.

WATER SUPPLY AND USAGE

Water to be used for construction purposes for the proposed improvements will be available to the CONTRACTOR at the CITY's East Treatment Plant, located at 2090 Oakland Avenue, Public Works, Crest Hill, Illinois. All water used must be recorded, contact Public Works to coordinate.

MATERIAL TESTING

All materials shall be inspected and tested by the CONTRACTOR. This includes compaction tests, the making and breaking of concrete test cylinders and asphalt plant inspection and onsite compaction testing. Test results shall be furnished directly to the ENGINEER by the materials testing firm retained by the CONTRACTOR. The materials testing firm shall be experienced and qualified to perform the type of work required by this Special Provision.

Work to be performed under this Special Provision of the Specification shall be in accordance with the applicable requirements and the adopted STANDARD SPECIFICATIONS, and shall be conducted by experienced personnel regularly engaged, knowledgeable, and skilled in inspections and testing materials.

Submittals shall include results/reports of the materials inspected and/or tested. Reports on inspections and/or materials tested shall be prepared in an acceptable form and in accordance with the applicable requirements of the STANDARD SPECIFICATIONS and adopted by these Specifications.

Inspections and/or testing of material shall be performed in accordance with the applicable requirements of the STANDARD SPECIFICATIONS and as required by these Specifications.

Separate measurement or payment will not be made for the work specified in this Special Provision. All costs of such work shall be included in the prices bid for the various items to which they pertain in the Schedule of Prices.

MATERIAL SUBMITTALS

Shop drawings of the proposed materials shall be submitted to the ENGINEER prior to the ordering of materials by the CONTRACTOR including, but not limited to all of the following Mix Designs, Storm Sewer Pipe, Ductile Iron Water Main, Manholes, Catch Basins, Inlets, Valve Vaults, Valves, etc. No compensation shall be given to the CONTRACTOR if materials are ordered prior to receiving approval of the material submittals and need to be remade.

TEMPORARY WATER SHUTDOWNS

The CITY Water Department shall be notified at least three (3) working days in advance of any water shutdown. The CITY will determine what residences will be affected by the shutdown and supply the CONTRACTOR with the affected area and shut-off notice handouts. The CONTRACTOR will be responsible for distributing said handouts to the affected residences. The turning of any valve other than those installed, but not yet accepted by the CITY shall be performed by City Water Department personnel only. Before the system is returned to service, a fire hydrant must be opened to relieve any air in the line and to flush the system. After the system is fully flushed, a representative from the CITY will collect chlorine residual and bacteriological samples. An additional sample will be collected after 24 hours.

INDIVIDUAL UTILITY PERMIT BOND AND UTILITY PERMIT

An Illinois Department of Transportation Utility Permit bond, Utility Permit, and Traffic Control Authorization form will be required. It is anticipated that the Individual Utility Permit Bond will require execution in the amount of \$15,000.00. Four (4) copies of each form shall be completed by the CONTRACTOR and submitted to IDOT once available. This item will not be paid for separately but included in the cost of the contract.

SODDING-NURSERY-SUPPLEMENTAL WATERING

Description. The licensed landscape CONTRACTOR will be responsible for additional water of newly placed sod. Section 252.08 will be revised accordingly:

Sod shall be watered immediately after laying. The amount of watering shall be sufficient to saturate the sod and the upper few inches of the underlying soil. The sod shall be watered three times every day of the first two weeks after placement, once a day the 3rd week and once every other day for the 4th week. During ample rainfall, watering may be modified to simulate the above schedule. After the 4-week period the CONTRACTOR shall request acceptance of the sod.

This additional watering will not be paid for separately, but included in the cost of PARKWAY RESTORATION - SODDING.

SPECIAL PROVISIONS

CLARIFICATION OF CONTRACT DOCUMENTS

All requests for interpretations or clarifications shall be submitted to V3 Companies by emailing Jason Holy at jholy@v3co.com and received at least five (5) business days prior to the date set for receipt of Bids. Requests will be addressed at least two (2) business days prior to the date set for receipt of Bids.

CONTRACT TIME

The CONTRACTOR shall complete all watermain and storm sewer and pavement / concrete work by November 6, 2026. Any pavement marking or restoration work to be completed by May 14, 2027. The CONTRACTOR will be allowed to complete all sodding and pavement markings within 5 working days after the completion date. Clean-up work and punch list items shall be completed within 5 working days after the completion date... Working days shall be calculated as per Article 108 of the STANDARD SPECIFICATIONS.

PAVEMENT REMOVAL

Description: This work shall consist of the complete removal of existing pavement and sufficient amount of aggregate base course required to achieve proposed pavement section.

Construction Requirements:

440.03 General. Add the following to the Article:

"The PAVEMENT REMOVAL thickness shall vary depending on the pavement material being removed. The PAVEMENT REMOVAL thickness for Portland Cement Concrete Pavement shall be sufficient enough to allow for the installation of nine (9) inches of Portland Cement Concrete Pavement and ten (10) inches of aggregate base as specified in the plans. The nominal PAVEMENT REMOVAL thickness shall be considered to be five (5.0) inches for all hot-mix asphalt material. In the event that varying depths of pavement are found, the ENGINEER may elect to remove only the proposed five (5.0) inches of pavement or choose to remove the full pavement thickness. Any variance in pavement thickness shall be considered included in the cost of this work item.

Any pavement in the curb and gutter shall not be considered pavement removal but shall be incidental to the cost of PAVEMENT REMOVAL."

440.08 Basis of Payment. Revise the Article to Read:

"This work will be paid for at the contract unit price per square yard for PAVEMENT REMOVAL. PAVEMENT REMOVAL limits shall be from the edge of curb to the edge of curb; PAVEMENT REMOVAL shall be paid one time. Removal of temporary aggregate over any trench shall not be considered for payment but shall be included in the cost of the TRENCH BACKFILL, SPECIAL installation. Any additional stone required to prepare the roadway to the proposed cross-section after the pavement is removed due to varying pavement thickness shall be paid for at the contract unit price for AGGREGATE BASE REPAIR (SPECIAL)."

CITY CONSTRUCTION SIGN

Description. This work shall consist of furnishing and installing the City of Crest Hill Construction signs at every entry point of the contract. Final locations will be coordinated with the Resident Engineer. The

contractor shall provide a shop drawing of the sign for the City to approve before the contractor is to make or install the signs. The signs shall be 4'x 3' in size and shall be properly supported with 2 posts. The scan code and Website address shall be provided to the contractor by the City before submitting the shop drawings. Once the project is over the signs shall be removed and delivered to the City. The City will take ownership of the sign once the project is done.

Thank you for your patience during construction!

Crest Hill
CITY OF NEIGHBORS

This is another city infrastructure project with the goal of improving the city owned infrastructure for the residents of the City of Crest Hill. This project will help provide infrastructure for residents of the city now and well into the future.

CONSTRUCTION UPDATES
City of Crest Hill Construction Projects-ArcGIS StoryMaps

CONSTRUCTION INQUIRIES
City Engineer-815-741-5122

FOR MORE INFORMATION ABOUT THE PROJECT

Contact City for Scan Code

Method of Measurement and Basis of Payment: This work shall be paid for at the contract unit price per square foot for CITY CONSTRUCTION SIGN, which shall include all labor: materials, and equipment necessary to install and remove the signs and return to the City after the project is complete.

DUCTILE IRON WATER MAIN

Description: This item shall be constructed in accordance with the applicable portions of Section 561 of the STANDARD SPECIFICATIONS and with the applicable portions of Section 41 of the WATER AND SEWER SPECIFICATIONS except as modified herein.

561.02 Materials. Add the following to the Article:

“The water main shall be ductile cast iron, cement lined, with push-on joints, Class 52, of the size as designated in the plans, and shall conform to the latest ANSI/AWWA C151/A21.51-86, C111 and C104.”

41-2.03 HANDLING OF PIPE. Add the following to the Article:

“Wherever water is encountered in the trench, it shall be removed during pipe laying and jointing operations. Provisions shall be made to prevent floating of the pipe. Dewatering plans must be approved by the CITY or the CITY’s representative. Any dewatering of the trenches shall be considered incidental. At no time shall trench water be allowed to enter the water main. Water main shall be installed to provide a minimum 5.5’ of cover.

Dirt or other foreign material shall be prevented from entering the pipe or pipe joint during handling or laying operations, and any pipe or fitting that has been installed with dirt or foreign material therein

shall be removed, cleaned and re-laid. At times when pipe laying is not in progress, the open ends of the pipe shall be closed by a watertight plug or by other means subject to the approval of the ENGINEER, to ensure absolute cleanliness inside the pipe. All cutting of existing water main pipe for the insertion of valves, tees, or other fittings shall be performed without damage to the pipe or pipe lining, and so as to leave a smooth end at right angles to the axis of the pipe. Any damaged water main shall be re-cut and replaced by the CONTRACTOR at the CONTRACTOR's sole expense."

41-2.05A LAYING OF DUCTILE IRON PIPE. Add the following to the Article:

"Ductile iron pipe, pipe fittings, and valve bodies, as well as cast iron valve boxes, shall be wrapped with polyethylene film, a minimum of 8 mils in thickness. The entire wrap on any pipe or fitting shall have a single seam secured by waterproof tape. Polyethylene shall overlap a minimum of 24 inches at seams. The wrap shall enclose the entire pipe or fitting and shall be secured to the adjoining pipe barrel by waterproof tape tightened securely around the juncture of the wrap and the pipe barrel. The CONTRACTOR shall re-wrap the water main at all service tap locations. All polyethylene wrapped ductile iron pipe, pipe fittings, and valve bodies shall be inspected and approved by the ENGINEER prior to backfill.

A canvas strap shall be used to lower the water main into the trench to avoid damaging the polyethylene film. "

41-2.05B JOINTS FOR DUCTILE IRON PIPE. Add the following to the Article:

"The first two joints beyond any bend or tee branch shall be a restrained joint. Also, any joint where the proposed water main ties into the existing water main shall be restrained. Acceptable methods of joint restraint include the use of TR-Flex restrained joint pipe, push-on joint pipe with Field-Lok gaskets by U.S. Pipe, mechanical joint ductile iron pipe with TUFgrip series 1000 restraints by Tyler Union, or an equal approved by the ENGINEER. Also, all bends, crosses, and tees shall be additionally restrained with thrust blocks as shown on the details in the plans. The cost of restrained joints and thrust blocks shall be considered included in the cost of the ductile iron water main."

Basis of Payment: This work will be paid for at the contract unit price per lineal foot for DUCTILE IRON WATER MAIN, of the diameter specified, measured in place. This price shall include the cost of labor, equipment and materials such as all pipe, joint materials, retainer glands, thrust blocks, hydrostatic pressure tests, leakage test, main disinfection, excavation, bedding, and polyethylene wrapping. Bedding shall be understood to be compacted Granular Cradle (CA-7) from six (6) inches below the bottom of the pipe to twelve (12) inches above the top of the pipe for the full trench width. Excavation and backfill, with the exception of surface removal items listed specifically in the schedule of prices and trench backfill as required, will not be measure for payment, but shall be considered as incidental to the contract unit price per linear foot of DUCTILE IRON WATER MAIN of the class and size specified. Fittings such as tees, bends, reducers, and plugs shall be considered incidental to the contract unit price per linear foot of DUCTILE IRON WATER MAIN of the class and size specified.

The unit price shall also reflect the cost of and all items necessary to complete the work as specified, such as corporation stops (for testing), water pumps, gauges, meters, and laboratory test costs.

DISINFECTION OF WATER MAINS

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 Provision.

41-2.15 DISINFECTION OF WATER MAINS. The CITY shall be notified at least twenty-four (24) hours before the disinfection procedure. Representatives of the water division must be present during the procedure.

41-2.15A FLUSHING. Revise the second paragraph to read as follows:

“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.”

41-2.15B REQUIREMENT OF CHLORINE. Revise the Article to read as follows:

“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 (24) hours, a chlorine residual test shall be taken to ensure the residual has not dropped by over one half (1/2).”

41-2.15C FORM OF APPLIED CHLORINE. Revise the Article to read as follows:

“Chlorine shall be applied by the method which follows, subject to the review of the ENGINEER. Chlorination shall be made by the use of chlorine gas only. The dry gas shall be fed directly 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.”

41-2.15H FINAL FLUSHING AND TESTING. Revise the Article to read as follows:

“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.

At this time, a water sample will be taken by the CONTRACTOR or the CONTRACTOR’s representative and sent to a state-certified water lab of their choice. The CITY shall bear witness to the sampling. The CONTRACTOR shall take two (2) samples, twenty-four (24) hours apart with satisfactory results or the procedure shall be repeated. After satisfactory sample results are obtained, an operating permit shall be obtained from the Illinois Environmental Protection Agency. No service line installation shall be performed until the approved operating permit is received.”

41-2.15I REPETITION OF FLUSHING AND TESTING. Revise the Article to read as follows:

“Should the initial treatment result in an unsatisfactory bacterial test, the original chlorination procedure shall be repeated by that CONTRACTOR until satisfactory result are obtained. After water main passes chlorination testing, the corporation stop used to chlorinate the main shall be shut off and any piping removed.”

Basis of Payment. This work will not be paid for separately but shall be included in the contract unit price per linear foot of DUCTILE IRON WATER MAIN and DUCTILE IRON WATER MAIN, THEODORE

STREET of the class and size specified, which price shall be payment in full for all labor, equipment, material to complete the work as specified herein.

WATER MAIN FITTINGS

Description. This work shall consist of furnishing and installing all tees, bends, elbows, crosses, reducers, and retainer glands necessary to complete the water main installation as shown on the plans.

All fittings shall be ductile iron, mechanical joint in accordance with AWSI/AWWA C153/A21.53 and ANSI/AWWA C111/A 21.11. Fittings shall be cement-lined and seal coated in accordance with ANSI/AWWA C104/A21.4. The working pressure rating shall be 350 PSI. All joints between the water main pipe and fitting shall be restrained using TUFgrip Series 1000 restraints or an approved equal. Bolts and nuts on all fittings shall be Corten steel, or an approved equivalent.

Fittings shall be subject to the same testing and disinfecting procedures stated herein in the PRESSURE TESTING WATER MAIN and DISINFECTION OF WATER MAIN sections.

Basis of Payment. This work will not be paid for separately but shall be included in the contract unit price per linear foot of DUCTILE IRON WATER MAIN of the class and size specified, which price shall be payment in full for all labor, equipment, material, testing, and disinfecting to complete the work as specified herein.

WATER MAIN TO BE ABANDONED

Description. This work shall consist of the abandonment of portions of existing water main as shown on the plans and as directed by the ENGINEER to construct the proposed improvements.

Existing water main shall be abandoned only after all new water services have been transferred over to the new main and the new main has passed all required testing and is operational.

Water main 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 shall include saw cutting and excavation to the main to install the plug. The backfill of the hole shall be trench backfill and shall be included in the price of this work.

Basis of Payment. This work will be paid for at the contract unit price per lineal foot for WATER MAIN TO BE ABANDONED, of the diameter specified, measured in place. The price shall include the cost of all labor, equipment and materials required to perform the work as specified.

WATER MAIN REMOVAL

Description. This work shall consist of the removal of existing water main that are in direct conflict with the proposed improvements. Existing water main that are to be taken out of operation but are not in conflict with the proposed improvements shall be abandoned as specified for WATER MAIN TO BE ABANDONED.

This work shall be completed in accordance with applicable portions of Section 551 of the STANDARD SPECIFICATIONS, except that the material shall not be salvaged, but shall be disposed according to

Article 202.03 of the STANDARD SPECIFICATIONS. All diameters of water main to be removed will be covered under this pay item. This work shall also include any necessary saw cutting of the existing water main and the removal of valves, tees, and other appurtenances (excluding fire hydrants).

The ends of the existing water main shall be plugged as specified for WATER MAIN TO BE ABANDONED.

Trenches resulting from the removal of water main 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.

Basis of Payment. All labor, materials and equipment necessary to complete the work as specified for WATER MAIN REMOVAL shall not be paid for separately but shall be included in the bid price for the installation of the proposed items of work.

STORM SEWER REMOVAL

Description. 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.

The ends of the existing sewers shall be plugged with a minimum of two (2) feet of non-shrink concrete/mortar plugs to the satisfaction of the ENGINEER.

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.

Basis of Payment. All labor, materials and equipment necessary to complete the work as specified for STORM SEWER REMOVAL shall not be paid for separately but shall be included in the bid price for the installation of the proposed items of work.

WATER VALVES, of the diameter specified

Description: This item shall consist of the installation of water valves of the resilient wedge gate valve type suitable for ordinary water-works service, intended to be installed in a normally open position on buried pipelines for water distribution systems. This work shall be completed in accordance with the applicable portions of Section 42 of the WATER AND SEWER SPECIFICATIONS except as modified herein.

42-2.01 MANUFACTURER AND MARKING. Revise the Article to read as follows:

The gate valves shall be standard pattern and shall have the name or mark of the manufacturer, size, and working pressure plainly cast in raised letters on the valve body. Gate valves shall be an East Jordan Valve, the Clow RW Valve or an equal approved by the CITY.

42-2.02 TYPE AND MOUNTING. Revise the Article to read as follows:

“The valve bodies shall be cast iron, mounted with approved non-corrosive metals. All wearing surface shall be bronze or other approved non-corrosive material and there shall be no movement, bearing or

contact between iron surfaces. Contact surfaces shall be machined and finished in the best workmanlike manner and all wearing surfaces shall be easily renewable. All trim bolts shall be 300 series stainless steel.

The resilient-seated disc wedge shall be of the resilient wedge fully-supported type. Solid guide lugs shall travel within channels in the body of the valve. The disc and guide lugs shall be fully (100%) encapsulated in SBR (styrene butadiene) rubber.

Disc wedges that are not 100% fully encapsulated shall not be acceptable. Guide caps of an acetyl copolymer bearing material shall be provided to protect the rubber-encapsulated solid guide lugs from abrasion for long life and ease of operation.

All internal and external exposed ferrous surfaces of the valve shall be coated with a fusion-bonded, thermosetting powder epoxy coating conforming to AWWA C550 and certified to NSF 61. Coating shall be non-toxic and shall impart no taste to water. Coating thickness shall be nominal 10 mils.

The stem shall be of high tensile strength bronze or other approved non-corrosive metal, providing 70,000 PSI tensile strength with 15% elongation and a yield strength of 30,000 PSI. All nonferrous bushings shall be of substantial thickness, tightly fitted and pressed into machine seats. All valves shall open by turning to the left (counterclockwise), unless otherwise specified.”

42-3 END CONNECTIONS. Revise the Article to read as follows:

“End connections of gate valves shall be restrained mechanical joints as specified elsewhere herein.

42-10 INSTALLATION OF GATE VALVES. Add the following to the Article:

All gate valves are to be installed in concrete valve vaults as detailed in the plans. The valves shall be wrapped with polyethylene film, as specified in the Special Provision for “DUCTILE IRON WATER MAIN”, included elsewhere herein. A one-inch (1”) corporation stop shall be installed in the water main on each side of the valve within the vault to allow for testing, chlorinating, and sampling work to be done.

Basis of Payment: This work will be paid for at the contract unit price each for WATER VALVES, of the diameter specified. This price shall include the cost of all labor, materials, and equipment necessary to install the gate valve in a valve vault, including polyethylene wrapping and corporation stops as detailed in the plans and to the satisfaction of the ENGINEER. This shall not include the price of the valve vault which shall be paid for separately.

FIRE HYDRANT TO BE REMOVED

Description. This work shall consist of the removal of existing fire hydrants, including auxiliary valves, and plugging and blocking of abandoned water main as indicated on the plans or required by the ENGINEER. The existing fire hydrants are not to be removed until after the new fire hydrants have been installed and satisfactorily tested. The fire hydrants and auxiliary valves to be removed shall become the property of the CITY and shall be delivered to the Public Works Facility. The CONTRACTOR is to bag any existing or new fire hydrants that are not in use.

Measurement and Payment. This work will be paid for at the contract unit price each for FIRE HYDRANT TO BE REMOVED, which price shall be payment in full for all labor, equipment, and material necessary to complete the work as specified herein.

FIRE HYDRANT WITH AUXILIARY VALVE & VALVE BOX

Description: This work shall consist of furnishing new fire hydrants of the type and size specified herein below at the locations indicated on the plans or otherwise directed by the ENGINEER as detailed in the plans.

Materials: Hydrants shall be of the compression or gate type conforming to the latest specifications of the American Water Works Association, C502, and shall be of a make that has been adopted by the CITY as standard. Hydrants shall be designed for a 150-pound working pressure. Hydrants shall be finished with two (2), two & one-half inch (2-1/2") hose nozzles, and one (1) four & one-half inch (4-1/2") steamer connection pumper nozzle. Threads on nozzles and caps shall be national standard thread and shall conform to the standard adopted by the CITY. Hydrants shall open by turning to the left or counter-clockwise and shall be so marked. All new fire hydrants furnished under this contract shall be East Jordan # 5BR250, "14BL Cadet Blue" in color with no weather shield, and shall have traffic flange construction design with a break way flange and mechanism at the ground line. Fire hydrants shall also include a STORZ connection on the front port. The lead time for material purchases for Jordan # 5BR250, "14BL Cadet Blue" fire hydrants is 21 days. The CONTRACTOR shall not be provided any time extension to the contract due to lack of coordination in material purchasing.

Hydrants shall have a six-inch (6") pipe connection, shall be equipped with a six-inch (6") auxiliary valve, and shall have a five and one-quarter inch (5 ¼ ") valve opening. The auxiliary valve shall be attached to the hydrant so that a minimum of thirty inches (30") of separation will exist between the edge of the auxiliary valve box and edge of the fire hydrant; this shall be done by means of a 6" spool piece with wedge type mechanical joint couplings. The joint for joining the auxiliary valve shall be fitted with a cast iron valve box of the same type as specified under standard drawing #14 of the WATER AND SEWER SPECIFICATIONS. A valve box stabilizer shall be rubber of the type 'Adapter Inc.' Stabilizer or an approved equal and shall be installed between the valve box and the auxiliary valve. Bolts and nuts on all fittings shall be Corten Steel, or equivalent.

Installation: Hydrants shall be set at the locations indicated on the plans and shall be such length that with the frost ring nearly at the ground level, there will be five and one-half feet (5.5') of cover over the connecting pipe and the height of the nut on the cap is a minimum of thirty inches (30") above the ground. At least four feet (4.0') of cover will be provided across ditches. Hydrants shall be placed on poured concrete slabs ready mix 3500 PSI (or an approved equal) and shall have a minimum of one-half cubic yard (½ CY) of gravel or porous stone around the base to provide drainage for the hydrant drip. This shall include a 3-4 mil. Plastic barrier, between the gravel drain field and the earth cover. All hydrants shall be properly braced to prevent movement. Any mechanical joint glands required on any mechanical joint fittings necessary for the installation of the hydrants shall be retainer-type glands. All hydrants shall be placed so that the steamer connection is facing the existing roadway. The CONTRACTOR shall grease all hydrants (including breakaway, upper stem, ports and any other parts per manufacturer's recommendations) post installation. **The CONTRACTOR shall bag each hydrant post installation prior to backfilling to protect the hydrant from the backfilling process.** If the CONTRACTOR fails to protect the hydrant from the backfilling process, the CONTRACTOR shall sand and paint the hydrants "14BL Cadet Blue" color at no additional cost to the CITY.

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, which price shall include all necessary labor, material, and equipment to install the fire hydrants as per the applicable standards and as specified herein.

VALVE VAULTS, TYPE A, 5' DIA, TYPE 1 FRAME, CLOSED LID

Description. This work shall consist of constructing valve vaults for water mains and water services in accordance with Section 44 of the WATER AND SEWER SPECIFICATIONS and the applicable provisions of Section 602 of the STANDARD SPECIFICATIONS.

602.02 Materials. Revise *Notes 1 & 2.* to read as follows:

“Note 2. Rubber riser rings shall exclusively be used, as needed, to adjust the frames and grates of drainage and utility structures up to a maximum of two inches (2”). They shall be installed and sealed underneath the frames according the manufacturer’s specifications. ”

In addition to the requirements of Sections 44 – 2.02 and 44 – 3.01 and 602, valve vaults shall be constructed in accordance with IDOT Highway Standard 602501, Value Vault Type A. All lids for valve vaults shall have the words "WATER" and "CREST HILL" cast into them.

Measurement and Payment. This work will be paid for at the contract unit price per each for VALVE VAULTS, TYPE A, 5' DIA, TYPE 1 FRAME, CLOSED LID, of the diameter specified, which price shall include all materials, labor and equipment required to complete the work as specified.

EXPLORATION TRENCH, SPECIAL

Description: This item shall consist of excavating a trench at the locations directed by the ENGINEER for the purpose of locating existing utility lines within the construction limits of the proposed improvement. This work shall conform to the requirements of Section 213 of the STANDARD SPECIFICATIONS except as herein modified.

An estimated length of exploration trench has been shown in the summary of quantities; unit price is unaffected by a change in quantity and shall be based on the actual length of trench explored. The trench shall be excavated to a satisfactory depth to explore the local area.

213.02 General. Add the following to the end of the Article:

“The exploration trench shall be backfilled with TRENCH BACKFILL, SPECIAL meeting the requirements as stated in the Special Provisions, the cost of which shall be included in the item of Exploration Trench, Special.

Method of Measurement and Basis of Payment: This work shall be paid for at the contract unit price per foot for EXPLORATION TRENCH, SPECIAL and no additional compensation will be accommodated for any delays, inconveniences, or damage sustained by the CONTRACTOR in performing the work.

AGGREGATE SUBGRADE IMPROVEMENT (SPECIAL)

Description: This work shall consist of constructing an aggregate subgrade improvement (ASI).

Materials: Materials shall be according to the following:

Inner Circle Phase 2 Water Main Improvement Project
City of Crest Hill

Item	Article/Section
(a) Coarse Aggregate	1004.07

Materials must consist of virgin aggregate only. No recycled asphalt or concrete material will be allowed under new pavement.

Equipment: The vibratory roller shall be according to Article 1101.01, or as approved by the ENGINEER. Vibratory machines, such as tampers, shall be used in areas where rollers do not fit.

Soil Preparation: The minimum immediate bearing value (IBV) of the soil below the improved subgrade shall be according to the Department's "Subgrade Stability Manual" for the aggregate thickness specified.

Placing and Compacting: The maximum nominal lift thickness of aggregate gradations CA 2, CA 6, and CA 10 when compacted shall be 9 in. The maximum nominal lift thickness of aggregate gradations CS 1, CS 2, and RR 1 when compacted shall be 24 in.

The top surface of the aggregate subgrade improvement shall consist of a layer of capping aggregate gradations CA 6 or CA 10 that is 3 in. thick after compaction. Capping aggregate will not be required when aggregate subgrade improvement is used as a cubic yard pay item for undercut applications.

Each lift of aggregate 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.

Finishing and Maintenance: 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.

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

Basis of Payment: This work will be paid for at the contract unit price per cubic yard for AGGREGATE SUBGRADE IMPROVEMENT (SPECIAL).

TEMPORARY ACCESS

Description: This work shall consist of furnishing and placing aggregate for use as temporary access to maintain ingress and egress at all times to abutting properties during construction operations, Work shall be in accordance with section 402 of the Standard Specifications, except as herein modified.

Construction Requirements: The CONTRACTOR shall construct and maintain aggregate for temporary access to private entrances, commercial entrances, and roads according to Article 402.07 and as directed by the ENGINEER.

The CONTRACTOR shall coordinate with adjacent property owners prior to impacting access.

If deemed necessary by the ENGINEER temporary access ramps shall be constructed of cold millings or crushed aggregate. The ENGINEER shall identify each location that is to receive a temporary access ramp. All temporary access ramps shall be compacted to the satisfaction of the ENGINEER.

Maintenance of the temporary access ramps shall consist of relocating and/or regarding any millings or aggregate disturbed, and placing and compacting additional millings or aggregate if deemed necessary by the ENGINEER

When use of the temporary access is discontinued, the cold millings or aggregate shall be removed and hauled off site at no additional charge.

Method of Measurement: This work shall be measured for payment per EACH private entrance, commercial entrance or roadway where a TEMPORARY ACCESS was constructed.

Basis of Payment: This work will be paid for at the contract unit price per EACH for TEMPORARY ACCESS for the installation specified which price shall include all material, equipment, and labor necessary to place, compact, and maintain each TEMPORARY ACCESS installed. Each TEMPORARY ACCESS shall only be paid for one time and shall be maintained for the duration of the project or to such a time when the ENGINEER deems the ramps no longer necessary.

CONSTRUCTION LAYOUT

The CONTRACTOR shall be required to furnish and place construction layout stakes for this project. The ENGINEER will provide adequate reference points to the centerline of survey and benchmarks as shown in the plans and listed herein. 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 materials 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 shall be set at sufficient station intervals (not to exceed 15 m (50 ft.)) to assure substantial conformance to plan line and grade. The CONTRACTOR will not be required to set additional stakes to locate a utility line which is not included as a pay item in the contract nor to determine property lines between private properties.

The CONTRACTOR shall be responsible for having the finished work substantially 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 their responsibility to secure the proper dimension, 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 at the CONTRACTOR's own expense when any are damaged, lost, displaced or removed or otherwise obliterated.

Responsibility of the ENGINEER

- a. The ENGINEER will locate and reference the centerline of all roads and streets except interchange ramps. The centerline of private entrances and short street intersection returns will not be located or referenced by the ENGINEER.

Locating and referencing the centerline of survey will consist of establishing and referencing the control points of the centerline of surveys such as PC's, PT's and as many POT's as are necessary to provide a line of sight.

- b. Benchmarks will be established along the project outside of the construction lines not exceeding 300 m (1,000 ft.) intervals horizontally and 6 m (20 ft.) vertically.
- c. Stakes set for (a) and (b) above will be identified in the field to the CONTRACTOR.
- d. The ENGINEER will make random checks of the CONTRACTOR's staking to determine if the work is in substantial 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.
- e. The ENGINEER will set all stakes for utility adjustment for building fences along the right of way line by parties other than the CONTRACTOR.
- f. The ENGINEER will make all arrangements and take all cross sections from which the various pay items are to be measured.
- g. Where the CONTRACTOR, in setting construction stakes, discovers discrepancies, the ENGINEER will check to determine their nature and make whatever revisions are necessary in the plans, including the re-cross sectioning of the area involved. Any additional restaking required by the ENGINEER will be the responsibility of the CONTRACTOR. The additional restaking done by the CONTRACTOR will be paid for in accordance with 109.04 of the STANDARD SPECIFICATIONS.
- h. The ENGINEER will accept responsibility for the accuracy of the initial control points as provided herein.
- i. It is not the responsibility of the ENGINEER, except as provided herein, to check the correctness of the CONTRACTOR's stakes; however, any errors that are apparent will be immediately called to the CONTRACTOR's attention and the CONTRACTOR shall be required to make the necessary correction before the stakes are used for construction purposes.
- j. Where the plan quantities for excavation are to be used as the final pay quantities, the ENGINEER will make sufficient checks to determine if the work has been completed in substantial conformance with the plan cross sections.

Responsibility of the CONTRACTOR

- a. 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 grade stakes, line and grade nails in form work, and/or filed or etched marks 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.

- b. At the completion of the grading operations, the CONTRACTOR will be required to set stakes at 30 m (100 ft.) station intervals along each profile grade line. These stakes will be used for final cross sectioning by the ENGINEER.
- c. All work shall be in accordance with 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.

- d. For highway structure staking, the CONTRACTOR shall use diligent care and appropriate accuracy. Points shall be positioned to allow reuse throughout the construction accuracy. Prior to the beginning of construction activities, all structure centerlines and pier lines are to be established by the CONTRACTOR and checked by the ENGINEER. The CONTRACTOR shall provide a detailed structure layout showing span dimensions, staking lines and offset distances.

Method of Measurement and Basis of Payment: This work will be paid for at the contract lump sum price for CONSTRUCTION LAYOUT, which shall be payment in full for all labor, materials, transportation, and incidentals necessary to furnish, install, maintain, replace, and relocate all control and stationing points.

CASH ALLOWANCE

Description: Unforeseen circumstances in the field may arise and provide cause for additional work to be added to the project. The intent of this item is to provide for adequate budget to cover items not specifically included in the contract prior to the bidding process.

Requirements: All work shall conform to appropriate articles of the STANDARD SPECIFICATIONS, City ordinances, City details and specifications that are considered industry standards or standards set forth by a governing body for the furnishing, fabrication, installation, or removal of the included items.

Method of Measurement: This item shall be measured for payment in the appropriate dimensions for the work performed.

Basis of Payment: The CONTRACTOR will include in their bid a sum of 25,000 units at \$1 per unit for a total of \$25,000.00 per street for CASH ALLOWANCE. Only additional work, not covered by existing Pay Items, indicated on the Drawings or in the Project Specifications will be eligible for payment under the CASH ALLOWANCE. Additional work may consist of items such as additional connection to an existing water service of an odd size or other construction that may be deemed necessary by the CITY to add to the project.

CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID

Description. This work shall consist of constructing Type A Catch Basins for storm water in accordance with applicable provisions of Sections 602 and 604 of the STANDARD SPECIFICATIONS.

602.02 Materials. Revise *Notes 1 & 2.* to read as follows:

“Note 2. Rubber riser rings shall exclusively be used, as needed, to adjust the frames and grates of drainage and utility structures up to a maximum of two inches (2”). They shall be installed and sealed underneath the frames according to the manufacturer’s specifications. ”

604.04 Construction Requirements. Add the following to the article:

“The Frame and Grate to be installed on the specified Type A Catch Basin shall be Type 1 Frame and Open Lid per City detail.”

Measurement and Payment. This work will be paid for at the contract unit price per each for CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID, which price shall include all materials, labor and equipment required to complete the work as specified in the STANDARD SPECIFICATIONS and herein for the installation of the structure and the aforementioned Frame and Gate.

CATCH BASIN, TYPE C, TYPE 1 FRAME, OPEN LID

Description. This work shall consist of constructing Type C Catch Basins for storm water in accordance with applicable provisions of Sections 602 and 604 of the STANDARD SPECIFICATIONS.

602.02 Materials. Revise *Notes 1 & 2.* to read as follows:

“Note 2. Rubber riser rings shall exclusively be used, as needed, to adjust the frames and grates of drainage and utility structures up to a maximum of two inches (2”). They shall be installed and sealed underneath the frames according to the manufacturer’s specifications. “

604.04 Construction Requirements. Add the following to the article:

“The Frame and Gate to be installed on the specified Type C Catch Basin shall be Type 1 Frame and Open Lid per City detail.”

Measurement and Payment. This work will be paid for at the contract unit price per each for CATCH BASIN, TYPE C, TYPE 1 FRAME, OPEN LID, which price shall include all materials, labor and equipment required to complete the work as specified in the STANDARD SPECIFICATIONS and herein for the installation of the structure and the aforementioned Frame and Lid.

COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL)

This work shall consist of the removal of the existing curb and gutter and the construction of new combination concrete curb and gutter, Type B6.12, including all necessary excavation, embankment, doweling and subbase granular material as shown in the details and in accordance with Sections 606, 202, 205 and 311 of the STANDARD SPECIFICATIONS.

High Early strength concrete shall be used across driveway aprons to minimize the required cure time of the concrete.

Construction Requirements: In addition to the requirements of Article 606.06 of the STANDARD SPECIFICATIONS the CONTRACTOR shall excavate all material necessary to build the proposed curb and gutter and proposed subbase in accordance with Section 202 of the STANDARD SPECIFICATIONS. Driveways shall not be removed for forming purposes unless approved by the ENGINEER.

The proposed subbase shall be subbase granular material, Type B with minimum thickness of 4” in accordance with Section 311 of the STANDARD SPECIFICATIONS. Backfill behind the proposed back of curb shall be in accordance with Section 205 of the STANDARD SPECIFICATIONS.

The CONTRACTOR shall machine-saw a perpendicular clean joint between that portion of the curb and gutter to be removed and that which is to remain in place. If the CONTRACTOR removes or damages the existing curb and gutter outside the limits designated on the plans or by the ENGINEER for removal and replacement, they will be required to remove and replace that portion at the CONTRACTOR’s own expense to the satisfaction of the ENGINEER.

CONTRACTOR shall use full forms on both sides of the patch - 9" at edge of pavement and either 12" or 15" at back of curb.

Contraction joints shall be provided at uniform intervals not to exceed 15 feet. In an instance where a segment of curb is incomplete at the end of day, the curb shall be cut square and a construction joint with dowel bars shall be installed. Expansion joints shall be 1-inch thick with two No. 5 smooth epoxy coated bars with greased cap and shall be constructed at intervals not to exceed 60 feet. .

At each location where the new curb meets the existing curb, the existing and new curb shall be tied together with 2 - No. 5 smooth epoxy coated dowel bars, 24" long. Dowel shall be drilled and grouted 12" into the existing curb.

New combination concrete curb and gutter shall be depressed across all driveways and sidewalk ramps intersecting the curb and gutter.

High Early strength concrete shall be used across driveway aprons to minimize the required cure time of the concrete.

The CONTRACTOR shall replace the curb and gutter with Type B6.12..

Method of Measurement: Shall be per Article 606, except any earth excavation and subbase granular material will not be measured for payment but shall be included in the contract unit price per foot for COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL).

Basis of Payment: This work shall be paid for at the contract unit price per foot for COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL). This work shall include the use of High Early strength concrete across all driveway aprons and any all-pavement removal, excavation, sub-base material, dowel bars and reinforcement, expansion joints, and backfill necessary to construct the work as shown in the details and as specified herein.

NON-PRESSURE CONNECTION TO EXISTING WATER MAINS

Description. This work shall consist of the connection of the proposed water main to the existing water main at locations shown on the Plans. It shall be performed in accordance with applicable portions of Section 41 of the "Standard Specifications for Water and Sewer Main Construction in Illinois," latest edition and the Addison Standard Specifications.

The work shall include all equipment necessary to physically make the connection. Any reducers, cutting-in sleeves, or any other fitting near/or as result of the connection, shall be included in this pay item.

Proposed water main shall be connected to existing water main after the new main has passed hydrostatic testing and disinfection. Connections shall be accomplished by use of mechanical joint fittings and lengths of pipe to make the most direct vertical and horizontal adjustments necessary to make the connection. This may include cut-ins to the existing main or connections to existing valves or fittings. This work will require water shut-off, which shall be coordinated with the Village's maintenance personnel for date, time and duration of shut-off. The Village Public Works shall be notified a minimum of 48 hours prior to the planned water disruption.

New fittings and pipe that need to be put into immediate service shall be flushed and swabbed with 5 percent solution of calcium hypochlorite prior to assembly as approved by the Engineer and/or Village.

Method of Measurement. The work will be measured for payment in place for each non- pressure connection made to an existing water main.

Basis of Payment. This work will be paid for at the contract unit price for each NON-PRESSURE CONNECTION TO EXISTING WATER MAINS, regardless of size, which includes necessary equipment to physically make the connection, polyethylene wrapping, disinfection, testing, and thrust blocking.

WATER MAIN CASING SLEEVE

Description. This work shall consist of installing a C-900 PVC watermain quality pipe a minimum of ten feet on either side of the conflicting pipe as shown in the plan details. The casing pipe shall be 16" for an 8" DIP watermain pipe.

The end of the casing pipe shall be covered with an end seal to provide a barrier to backfill material and seepage. A "Wraparound" casing pipe end seal shall include butyl mastic strips to seal the edges, and is designed to facilitate installation when the carrier pipe has already been joined together and the installation is complete. A "Pull-on" casing pipe end seal shall be seamless, have vulcanized edges, and can be pulled on at the time of construction. end seal shall be manufactured of a minimum 1/8" thick neoprene or synthetic rubber, assuring excellent chemical resistance and resiliency and shall be specifically designed to conform to concentric carrier/casing configuration and to permit movement of the carrier pipe without damage to the seal from backfilling.

Factory manufactured stainless steel or polyethylene casing pipe spacers shall be installed on all carrier pipes passing through a casing pipe to prevent the carrier pipe bell from touching the casing pipe and to maintain a uniform space between the carrier pipe and casing interior. Hardwood skids shall NOT be used in place of manufactured casing spacers.

Method of Measurement. The work will be measured for by the foot of sleeve installed.

Basis of Payment. This work shall be paid for at the contract unit price per foot for WATER MAIN CASING PIPE. The price shall include the 16" sleeve pipe, casing pipe spacer, end seal material, and all labor, materials, and equipment necessary to complete this work.

DOMESTIC WATER SERVICE BOX

Description: This work shall consist of furnishing new domestic water service boxes as specified herein. The specified locations on the plans are approximate and exact locations of the existing domestic water service boxes and water service lines are to be determined in the field at the expense of the CONTRACTOR. The water service box shall not be located within a driveway or sidewalk and shall be placed in a landscaped area.

Materials: All domestic water services boxes shall be the Tyler 6500 with BBAF service box stabilizer or approved equal. All curb stops shall be A.Y. McDonald 76104Q with “dog dish” concrete block.

Installation: The cast iron service box shall be installed over the curb stop and held in a truly vertical position until sufficient backfill has been placed to ensure permanent vertical alignment of the box. The top of the box shall be adjusted and set flush with the established ground surface grade.

Measurement and Payment. Furnishing and installing curb stops, curb boxes, removal of existing domestic water service box, and any couplings and service line required to connect the DOMESTIC WATER SERVICE BOX to the existing service shall be paid for at the contract unit price per each for DOMESTIC WATER SERVICE BOX. This price shall include all labor, equipment and materials necessary to perform the work as specified herein. There shall be no additional payment for water services located deeper than typically expected.

DOMESTIC WATER SERVICE BOX REMOVAL

This work shall consist of the removal of existing curb boxes and curb stops at the locations exemplified on the plans. As previously mentioned, the specified locations on the plans are approximate and exact locations of the existing domestic water service boxes and water service lines are to be determined in the field at the expense of the CONTRACTOR. The material shall be removed and disposed of by the CONTRACTOR.

The existing water service line which is connected to an existing water main designated to be abandoned may be removed or abandoned in place. The removed water service lines shall become the property of the CONTRACTOR.

This work shall not be paid for separately but shall be included in the cost of the installation of the DOMESTIC WATER SERVICE BOX pay item. This shall be payment in full for all labor, equipment, and material to complete the work as specified herein.

DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT

Description: This work shall consist of the complete removal of existing driveway pavement and sufficient excavation to achieve proposed driveway pavement typical sections and the replacement of PORTLAND CEMENT CONCRETE (HI-EARLY) driveway pavement in part or in their entirety at locations shown on the plans or as directed by the ENGINEER. This work shall be performed in accordance with applicable provisions of Sections 301, 351, 406, and 423 of the STANDARD SPECIFICATIONS and the details shown on the plans and as directed by the ENGINEER.

Construction Requirements: The CONTRACTOR shall place and compact embankment, or excavate, in accordance with Sections 202 and 205 of the STANDARD SPECIFICATIONS in order to achieve the finished grades shown on the plans.

The proposed driveway pavement typical section shall consist of the following:

- A. PORTLAND CEMENT CONCRETE (HI-EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT:
 - a. 6” of Portland Cement Concrete (High Early)
 - b. 6”x6” wire mesh reinforcement centered throughout the entire driveway

c. 4" of Aggregate Base Course, Type B

All Aggregate Base Course, reinforcement, and (High Early) Portland Cement Concrete will not be paid for separately, but shall be included in the pay item DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT.

The CONTRACTOR shall stage driveway installation to maintain ingress and egress of abutting entrances at all times during construction operations.

Method of Measurement and Basis of Payment: This work will be measured and paid for at the contract unit price per square yard for PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT, which price shall be payment in full for constructing this item as specified, including all aggregate base materials, reinforcement, surface course materials, labor, and equipment.

INSERTION VALVE, of the specified diameter

Description: This work shall consist of the furnishing and installation of a water valve onto existing water main under pressure at the locations depicted by the ENGINEER for the purpose of installation of a valve and/or other connection without interruption of service of the existing water distribution system. This item shall conform to the applicable portions of the Special Provision for WATER VALVES and applicable portions of Section 42 of the WATER AND SEWER SPECIFICATIONS except as modified herein.

Materials: The material furnished on this project shall be Advanced Valve Technologies, Inc.'s **EZ VALVE SYSTEM** product or an equal approved by the ENGINEER. The CONTRACTOR shall submit the proposed materials for the proposed work to the ENGINEER for review prior to any work.

Method of Measurement & Basis of Payment: This work shall be measured and paid for per EACH for INSERTION VALVE, of the specified diameter installed and which price shall include all necessary material, labor, tools, & equipment to perform the work as indicated in the special provision. This price shall also include all necessary excavation, shoring, and trench backfill.

PARKWAY RESTORATION - SODDING

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 be done in accordance with Sections 211 and 252 of the STANDARD SPECIFICATIONS and the details provided in the Plans, except where modified herein.

This work shall include restoring disturbed areas within the construction limits, removing excess backfill material, furnishing and placing topsoil in accordance with Section 211, compacting and grading to maintain positive slope, and sodding the areas in accordance with Section 252. CONTRACTOR shall take care to ensure proper placement and compaction as the CONTRACTOR will be responsible for the continued repair of any areas until they are satisfactory to the ENGINEER, at no additional cost. If temporary blanket and seeding was installed for the winter the contractor is also required to remove and dispose blanket and seed as part of this pay item no additional payment will be provided.

211.04 Placing Topsoil and Compost. Add the following to the end of the Article:

"The topsoil shall be spread smooth, disked, and compacted to a uniform thickness of not less than 4 inches to allow for the sod placement to match the surrounding grade of the existing landscape."

252.03 Ground Preparation. Add the following to the end of the Article:

"The ENGINEER shall be notified a minimum of 24 hours prior to the furnishing and excavation of topsoil and the installation of the sod. Failure to provide the ENGINEER with said notice will give the CITY cause to void payment for the sod.

The removal of any excess backfill material or aforementioned unacceptable materials shall be included in the unit price for PARKWAY RESTORATION - SODDING.

Fertilizer nutrients shall be applied in accordance with Section 252.03 of the STANDARD SPECIFICATIONS and shall be included in the pay item for PARKWAY RESTORATION - SODDING."

252.06 Placing Sod. Add the following to the end of the Article:

"The CONTRACTOR shall provide subsequent resodding until a satisfactory growth of grass is produced, if settlement occurs, or if there are significant variations in grade as determined by the ENGINEER."

Basis of Payment: This work shall be paid for at the contract unit price per square yard for PARKWAY RESTORATION - SODDING which price shall include all material, equipment, and labor necessary to excavate, furnish, compact, and fertilize a minimum of four inches (4") of topsoil, to place sod, to stake sod *at the direction of the ENGINEER*, and to maintain sod until satisfactory growth is achieved.

PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL)

Description: This work shall consist of removing the Portland Cement Concrete Sidewalk and replacing it on a compacted subbase and shall be performed in accordance with Sections 311 and 424 of the STANDARD SPECIFICATIONS except as modified herein.

Construction Requirements: Areas to receive new sidewalk shall be excavated to the plan depth and prepared according to the specifications.

311.05 Placing and Compacting Subbase Materials (b). Add the following to the Article:

"All sidewalks shall be poured on a minimum of four (4) inches of this granular material type.

424.06 Placing and Finishing. Add the following to the Article:

"Thickness. Sidewalks shall maintain a minimum thickness of five (5) inches unless crossing through a driveway where the minimum thickness shall increase to six (6) inches.

Sidewalks shall be constructed of High-Early strength Portland Cement Concrete when crossing through a driveway.

Reinforcement. Sidewalks shall be doweled with 2 #4 Reinforcement Bars on both ends of the installation segment when installed adjacent to existing sidewalk. Sidewalk spanning a trench shall have 2 continuous #4 Reinforcement Bars installed to a minimum of 10' on each side of the trench.

Sidewalk ramps and depressed curbs for the handicapped shall be installed at all intersecting streets, driveways, crosswalks, and bicycle paths as directed by the ENGINEER in accordance with IDOT Highway Standards 424001-09, 424006-02, 424011-03, 424016-03, and 424021-03.

Detectable warnings shall be placed in sidewalk behind depressed concrete curb and gutter at all roadway crossings as directed by the ENGINEER.”

Method of Measurement: Portland cement concrete sidewalk 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 PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL), which price shall include all work required to remove the sidewalk, all required expansion joints, reinforcement, special texturing, variable height edge treatment at sidewalk ramps, additional thickness at driveway aprons, High-Early strength Portland Cement Concrete at driveways, compacted subbase granular materials, and required excavation and disposal of excavated materials.

DETECTABLE WARNINGS

Description: This work shall consist of installing Detectable Warning panels in accordance with Section 424 of the STANDARD SPECIFICATIONS.

Materials: The detectable warning panels shall be TufTile or Armor-Tile of polymer material to be wet set into the concrete. The color of the tile shall be brick red. The CONTRACTOR shall submit a material submittal for approval to the ENGINEER for review prior to any work.

Method of Measurement and Basis of Payment: This work will be measured or paid for by the square foot for DETECTABLE WARNINGS. This shall be payment in full for all labor, equipment, and material to complete the work as specified herein.

SANITARY MANHOLES TO BE ADJUSTED

Description: This work shall be done in accordance with Section 602 and applicable provisions of Section 603 of the STANDARD SPECIFICATIONS and shall consist of the adjustment of sanitary manholes and furnishing and installing a new type 1 frame, closed lid, per City details.

If the sanitary manhole to be adjusted is located within an area shown on the plans to be resurfaced, the contractor is to follow the City of Crest Hill’s Frame Adjustment When Milling detail. If the sanitary manhole to be adjusted is located within an area shown on the plans for pavement removal, the manhole does not require concrete around the structure after the adjustment.

602.02 Materials. Add the following to the Article:

“Non-hardening butyl rubber mastic sealant (minimum thickness one quarter inch (¼”) shall be used between adjusting rings in place of mortar, or as required by the CITY of the Sanitary Sewer.”

In locations where existing external frame seals exist, it shall be removed and disposed of and an internal/external **Cretex** frame seal shall be installed. In locations where internal frame seals exist, it shall be removed and disposed of and a **Cretex** internal/external frame seal shall be installed. In locations where there are no existing frame seals, a **Cretex** internal/external frame seal shall be installed. The installation of the internal/external frame seal will not be paid for separately and will be considered incidental to this pay item.

The internal/external frame seal shall consist of the following:

- 1) Provide frame seals consisting of a flexible internal rubber sleeve, rubber ring, and external rubber sleeve and extension, and stainless-steel compression bands.
- 2) Rubber sleeve, ring, butyl tape, and extension:
 - a) Provide rubber sleeve and extension complying with ASTM D412 and ASTM D2240.
 - b) Provide rubber ring complying with ASTM D-2000.
 - c) Provide butyl tape: Comply with 1000% minimum webbing @ 77 degrees F, 500% minimum elongation @32 degrees F, and maximum 75 PSI compressibility @ 77 degrees F.
 - d) Provide sleeve with a minimum thickness of 0.062" and unexpanded external vertical heights of 10 to 12 inches.
 - e) Provide extension having a minimum thickness of 0.062".
 - f) Comply with a minimum 1500 PSI tensile strength, maximum 18% compression set and a hardness (durometer) of 48 +/- 5.
- 3) Compression Band:
 - a) Provide compression band to compress the sleeve against the manhole.
 - b) Use 16-gauge stainless steel conforming to ASTM A240 Type 304 with no welded attachments and having a minimum width of one-half inch (1/2").
 - c) Make a watertight seal having a minimum adjustment range of two inches (2") in diameter.
 - d) Provide stainless steel screws, bolts, and nuts conforming to ASTM F593 and 594, Type 304.
- 4) Acceptable Products:
 - a) Cretex Companies, Inc.
 - b) Or as required by the owner of the sanitary sewer system

The internal/external frame seal shall be installed as follows:

- 1) Install internal/external rubber gasket on the manhole chimney.
 - a) Provide watertight gasket to eliminate leakage between the internal/external frame seal and the adjusting ring and between each adjusting ring down to and including the cone section.
- 2) Clean surface and prepare the lower two inches (2") of the manhole frame and exterior of all adjusting rings and cone section/corbel surfaces.
- 3) Install internal rubber gasket in accordance with manufacturer's recommendations.
 - a) Field verify for suitable dimensions and layout before installation.

- b) Realign frame as required
- 4) Repair and apply mortar grout to the adjusting rings as required to provide a smooth, circular surface for the external rubber gasket.
- 5) Install external rubber gasket in accordance with manufacturer's recommendations
 - a) Field verify for suitable dimensions and layout before installation.
 - b) Utilize sealing caulk where required
 - c) Provide chimney seal extensions as required
- 6) Test installation by flooding area around the manhole with water before backfilling and surface restoration.
 - a) Gaskets are required to provide watertight seal at openings between the frame and adjusting rings and between adjacent adjusting rings down to the cone/corbel section.
- 7) Reinstall and retest failing gaskets at no additional cost to the CITY
- 8) Or as required by the Owner of the sanitary sewer system.
- 9) Lids for the sanitary manhole adjustment shall have the words "SANITARY" and "CREST HILL" cast into them.

Basis of Payment: this work will be paid for at the contract unit price per each of SANITARY MANHOLES TO BE ADJUSTED, which price shall include all of the above. Where directed by the ENGINEER, the existing frame and lid shall be removed and replaced with SEALED Type 1 Frame and closed lid. External chimney seal shall be provided in accordance with ASTM C-923. The frame, lid, and chimney seal shall be included in the cost of sanitary manhole adjustments and will not be paid for separately. This work shall be paid for at the Contract unit price per each for SANITARY MANHOLE TO BE ADJUSTED.

SANITARY SEWER SERVICE ADJUSTMENT

Description: This work shall consist of adjusting existing sanitary sewer to avoid a potential utility conflict. The sanitary sewer service shall connect to the existing sanitary sewer main and be constructed to the limits of the proposed sewer or water main conflict at which point a sanitary sewer cleanout shall be installed. All work shall be performed in accordance with applicable sections of both Section 33 of the WATER AND SEWER STANDARD SPECIFICATIONS and Section 563 of the STANDARD SPECIFICATION and as specified herein.

33-4 PIPE AND JOINT MATERIALS. Revise the Article to read as follows:

"Sanitary sewer shall be PVC, SDR 26 having a minimum cell classification of 12454 per ASTM D1784 and meeting the requirements of ASTM D3034. The pipe joints and fittings shall be elastomeric seals meeting the requirements of ASTM D3212 and F477. If required, connections to existing sanitary sewer main shall be made with a stainless-steel tapping saddle. All residential sanitary sewer services shall be six (6) inches in diameter."

Construction. Installation of sanitary sewer service shall be accomplished to line and grade in the trench only after it has been dewatered and the foundation and/or bedding has been prepared in accordance with Section 20 of the WATER AND SEWER STANDARD SPECIFICATIONS. Mud, silt, gravel and other foreign material shall be kept out of the pipe and off the jointing surface.

All pipe laid shall be retained in position so as to maintain alignment and joint closure until sufficient backfill has been completed to adequately hold the pipe in place. All pipe shall be laid to conform to the prescribed line and grade specified.

The pipe bedding shall be a minimum of four (4) inches in depth and shall be placed on a sound trench bottom. If unsuitable material is encountered in the trench bottom, the CONTRACTOR shall remove the unsuitable material until suitable material is encountered or as directed by the ENGINEER. All unsuitable material removed shall be replaced with the bedding material.

After the pipe has been laid to the specified line and grade, the CONTRACTOR shall place haunching material on each side of the installed pipe to a level equal to the spring line of the pipe. The CONTRACTOR shall verify that the pipe is adequately supported for the entire length of the installed pipe. Following the haunching of the pipe, the initial backfill shall be placed to a depth that is a minimum of twelve (12) inches above the top of the installed pipe.

The bedding, haunching, and initial backfill material shall have a gradation that meets the minimum requirements of IDOT gradation CA-7.

Upon completion of the initial backfill, the remainder of the trench shall be backfilled to the natural line of finished surface as rapidly as the conditions will permit. The backfill material for trenches where the inner edge of the trench is within two (2) feet or in existing pavements, curb, gutter, or sidewalks shall meet the requirements of the TRENCH BACKFILL, SPECIAL Provision provided elsewhere herein.

All fittings shall be factory produced and shall be designed for installation on the pipe used. Fittings shall be of the same quality and material as the pipe used.

The maximum deflection permissible at any one (1) fitting shall not exceed 45 degrees. The maximum deflection of any combination of two adjacent fittings shall not exceed 45 degrees unless a segment of pipe not less than two and one half (2-1/2) feet in length be installed between such adjacent fittings.

The sanitary sewer service shall be laid at a minimum grade of one (1) percent and shall have a minimum depth of six (6) feet and a maximum depth of eight (8) feet at the Right of Way line unless otherwise directed by the ENGINEER.

Sanitary sewer service connections shall be made to existing sewer main tees. If there is not an existing tee, or if the orientation of the tee is such that a new tee is required to provide the proper separation, the connection shall be made by machine made tap and a stainless-steel tapping saddle. Connections made to existing sanitary sewer pipe shall be made with flexible PVC repair couplings with a stainless-steel shear ring such as Fernco "Strong Back RC 1000 Series" couplings or approved equal. This work shall be considered incidental to the sanitary sewer adjustment.

Measurement and Payment: This work will be paid for at the contract unit price per foot for SANITARY SEWER SERVICE ADJUSTMENT which price shall include all pipe, fittings, excavation, removal and disposal of all excavated material, bedding, haunching backfill, initial backfill, tapping saddles, machine made taps. Final TRENCH BACKFILL, SPECIAL will be measured separately for payment.

STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2

Description. This work shall include the installation of Class A Rubber Gasket storm sewers at location shown on the plans and as directed by the ENGINEER. This work shall conform to applicable sections of the WATER AND SEWER SPECIFICATIONS and applicable provisions of Section 550 of the STANDARD SPECIFICATIONS.

Method of Measurement and Basis of Payment. This work shall be measured and paid for at the contract unit price per lineal foot for STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2, of size specified, which price shall include all labor; excavation; materials, including pipe, structure and pipe connections, fittings and bedding; backfilling, compacting and removal of spoils; dewatering; and equipment necessary to complete the work as specified herein.

Placement and compaction of TRENCH BACKFILL, SPECIAL shall be paid for separately.

VALVE BOXES TO BE REMOVED

Description. This work shall consist of the complete removal and disposal of existing valve box structure at locations shown on the plans or as directed by the Engineer.

Removal and disposal of the existing valve box shall be as specified in Section 605 of the IDOT SSRBC.

Construction Requirements. No work shall proceed prior to the shutdown of any water main passing through or adjacent to the box structure to be removed. This work shall consist of removing the frame and lid of an existing box structure, removal of the valves, fittings, taps and other elements of the water system within the box, removing large debris and backfilling holes as required. Material shall not be salvaged but shall be disposed of according to Article 202.03 of the IDOT SSRBC.

The excavated area shall be backfilled with CA7 and is included in the cost of the structure removal. Any capping of existing water mains that remain in place once the box is removed will also be included.

Method of Measurement. This work will be paid for per each existing valve box removed including all valves, fittings, taps or other elements of the water system within the vault. All backfill will be considered as part of the vault removal.

Basis of Payment. This work will be paid for at the contract unit price each for VALVE BOXES TO BE REMOVED.

VALVE VAULTS TO BE REMOVED

Description. This work shall consist of the complete removal and disposal of existing valve vaults structure at locations shown on the plans or as directed by the Engineer.

Removal and disposal of the existing valve vaults shall be as specified in Section 605 of the IDOT SSRBC.

Construction Requirements. No work shall proceed prior to the shutdown of any water main passing through or adjacent to the vault structure to be removed. This work shall consist of removing the frame and lid of an existing vault structure, removal of the valves, fittings, taps and other elements of the water system within the vault, breaking down the structure walls, removing large debris and backfilling

holes as required. Material shall not be salvaged but shall be disposed of according to Article 202.03 of the IDOT SSRBC.

The excavated area shall be backfilled with CA7 and is included in the cost of the structure removal. Any capping of existing water mains that remain in place once the vault is removed will also be included.

Method of Measurement. This work will be paid for per each existing valve vault removed including all valves, fittings, taps or other elements of the water system within the vault. All backfill will be considered as part of the vault removal.

Basis of Payment. This work will be paid for at the contract unit price each for VALVE VAULTS TO BE REMOVED.

STRUCTURES TO BE REMOVED

Description. This item of work shall be performed as directed by the ENGINEER in conformance with applicable provisions of Section 605 of the STANDARD SPECIFICATIONS. Storm Structures and Sanitary Structures designated for removal shall be completely removed. Storm Structure shall be understood to mean any Manhole, Catch Basin or Inlet and Sanitary Structures shall be understood to mean any Manhole. Depending on existing site conditions, the ENGINEER may direct the CONTRACTOR to completely remove a Storm Structure. The hole formed thereby from the removal shall be filled with crushed aggregate conforming to CA-7 when in a roadway or walkway.

Basis of Payment. The work involved to remove a Storm Structure will be paid for at the contract unit price per each for STRUCTURES TO BE REMOVED, respectively. These prices shall include all labor, excavation, equipment, materials (including backfill material).

SUMP LINE

Description: This work shall consist of the installation of PVC SDR 35 sump drain pipe conforming to ASTM D-3034 size to be determined in the field.

Construction Requirements: During construction if a sump pump line is encountered during construction or preconstruction walk through the contractor is required to identify the pipe on the plans and work with the Engineer to determine what needs to be done. If it was found during the preconstruction walk through the contractor and Engineer will work to figure out if it will be in conflict with the improvements and determine a route to relocate the line. If the line is found during construction and is damaged during construction the contractor is to notify the Engineer and work on how to repair the damaged line so the service is not interrupted. If the Engineer approves it, an option would be to connect the line to a storm sewer manhole nearby if possible. The manhole shall be cored and not sawed open for the new pipe connection. If a drainage structure is not near by the contractor is to work with the Engineer on how the pipe shall daylight and provide positive drainage while not cause a ponding or wet area in the landscaped areas within the City ROW.

Method of Measurement: Installation of SUMP LINE shall be measured in place and the length calculated in feet.

Basis of Payment: This work will be paid for at the contract unit price per foot for SUMP LINE. All excavation, disposal of excavated material, cored manhole/inlet/catch basin connection, tees, fittings,

cleanouts, trench backfill, granular bedding, and backfill shall not be paid for separately but shall be included in the cost of SUMP LINE, of the diameter specified.

TRAFFIC CONTROL & PROTECTION (SPECIAL)

701.01 Description. This work shall be performed in accordance with Section 701 of the STANDARD SPECIFICATIONS and any Highway Standards contained herein with the following clarifications.

Special attention is called to Articles 107.09 and 107.14 and the following Highway Standards and District One Standards relating to traffic control:

Highway Standards:

- 701501 Urban Lane Closure 2-lane, 2-way Undivided
- 701502 Urban Lane Closure 2-lane, 2-way, with Bidirectional Left Turn Lane
- 701801 Urban Lane Closure Crosswalk or Sidewalk Closure
- 701901 Traffic Control Devices

District One Standards:

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

City Standards:

PVT-12 Typical Pavement Marking

701.04 General. Add the following to the Article:

“The CONTRACTOR shall make frequent inspections of the worksite. Any traffic control items that are worn, damaged or are inoperative to the extent that they no longer meet these specifications or that have been displaced shall be repaired or removed and replaced. Traffic control items shall be properly installed and operational 24 hours-a-day, 7 days a week. The CONTRACTOR shall respond to requests from the CITY to correct traffic control deficiencies within 4 hours of the request. If specification is not met within 4 hours of notice, the CITY will take whatever action it may deem necessary to bring the traffic control within specification and deduct all costs (actual and incurred) from amounts due the CONTRACTOR.

The CONTRACTOR shall maintain at least one lane of traffic for local and emergency use at all times. Entrances to driveways and side roads shall also be maintained as indicated in the special provision for TEMPORARY ACCESS.

All signs except those referring to daily lane closures shall be post mounted in accordance with Standard 702001.

Temporary detour signage shall be paid for separately as DETOUR SIGNAGE, however all traffic control devices for the different Stages shall be included in the cost of this item.

Temporary Stop signs shall be included in the cost of this item and not paid for separately.”

701.19 Method of Measurement. Add the following to the Article:

“No compensation for any delays that may be caused the CONTRACTOR in complying with this special provision shall be made.”

701.20 Basis of Payment. This work shall be paid for at the contract lump sum price for TRAFFIC CONTROL & PROTECTION (SPECIAL), less monies deducted for non-compliance with Section 701.

TRAFFIC CONTROL DEFICIENCY DEDUCTION

To ensure a prompt response to incidents involving the integrity of the work zone traffic control devices, the CONTRACTOR shall provide a telephone number where a responsible individual can be contacted on a 24-hour-a-day basis. When the ENGINEER is notified or determines a deficiency exists, they shall be the sole judge as to whether the deficiency is an immediate safety hazard. The CONTRACTOR shall dispatch sufficient resources within 4 hours of notification to make needed corrections of deficiencies that constitute an immediate safety hazard. Other deficiencies shall be corrected within 12 hours. If the CONTRACTOR fails to restore the required traffic control and protection within the time limits specified above, the CONTRACTOR will not be paid for that day of Traffic Control and Protection. In addition, if the CONTRACTOR fails to respond, the ENGINEER may correct the deficiencies and the cost thereof will be deducted from monies due or which may become due to the CONTRACTOR. This corrective action will in no way relieve the CONTRACTOR of his/her contractual requirements or responsibilities.

TRENCH BACKFILL, SPECIAL

Description: The provisions of Section 208 of the STANDARD SPECIFICATIONS shall be modified such that the material used for trench backfill shall be CA-7 Coarse Aggregate. The trench backfill shall be compacted only by Method 1 as defined in Article 550.07 of the STANDARD SPECIFICATIONS.

Method of Measurement and Basis of Payment: This work will be paid for at the contract unit price per cubic yard for TRENCH BACKFILL, SPECIAL which price shall include all material, equipment, and labor necessary to place and compact the trench backfill as specified. The quantity of trench backfill for payment shall be determined by using the method of measurement as shown in the plans as the Typical Trench Detail for Water Main and as defined in Article 208.03(b) of the STANDARD SPECIFICATIONS for pipes other than water main. The top 5” of any trench requiring trench backfill within roadway shall be backfilled with temporary aggregate bringing the trench flush with the adjacent pavement. The installation of the 5” of temporary aggregate will not be considered for payment but shall be included in the unit price per cubic yard for TRENCH BACKFILL, SPECIAL.

WATER SERVICE LINE, 1” (LONG)

WATER SERVICE LINE, 1” (SHORT)

Description. This work will include all labor, equipment, and materials to install new Type K copper 1-inch water service lines as shown on the plans from the new water main to the property line. The work cannot begin until a satisfactory chlorination report is received on the new water main. Once this report is received the CONTRACTOR shall then disconnect the house services from the old main and connect new services to the new main at locations shown on the plans. This work shall also include the removal and abandonment of the existing service.

Materials. All material shall be approved by the CITY prior to installation.

Corporation Stops: Corporation stops shall be of brass; ball valve type manufactured in accordance with AWWA Standard C800. The inlet connection shall have standard AWWA tapered threads unless otherwise specified or as field conditions dictate or as required by the ENGINEER. The outlet connection shall be a copper or brass compression connection end pack for copper pipe. Corporation stop sizes from 1" to 2" shall match the size of the specified service line materials in the field or as required by the CITY.

Preferred manufacturers and model numbers are:

Ford, F1000, Q-Series with alternates allowed only as directed by the ENGINEER.

Curb Stops: Curb Stops shall be bronze body construction, ball valves, with double O-ring stern seals. Curb stops shall conform to AWWA Standard C800. End connections shall be suitable for copper or brass compression connections. Sizes shall match the service line size.

Preferred manufacturers and model numbers is:

Ford, Compression No Flare, Q-Series, 1½" minimum, with alternates allowed only as directed by the ENGINEER.

Curb boxes shall be standard cast iron, sliding or screw type, 1" or 2-1/2" as required, complete with lid and head bolt. Boxes shall be adjustable from 18-inches to 66-inches. Curb box type shall be Ford "Minneapolis Pattern".

Construction Requirements. The water service line shall be one continuous piece of pipe from the corporation stop to the curb stop with no unions. Each water service shall run perpendicular to the main, directly to the curb stop with no kinks or bends.

The existing service lines are 1" or ¾" diameter of varying material. The locations of existing water service lines on the plans are approximated and exact locations shall be determined in the field. It is the CONTRACTOR's responsibility to locate all existing domestic water service boxes and water services. The CONTRACTOR shall provide the proper couplings between copper and the varying material.

Water Service Installation: The method of installation, excavating and backfilling shall be in accordance with Section 562 of the STANDARD SPECIFICATIONS and Sections 41-2.11, 41-2.12, and 41-2.13 of the WATER AND SEWER SPECIFICATIONS and as described below.

Excavation and Bedding: The trench shall be excavated to an elevation to allow the minimum cover over the service line as called for on the plans. Provision shall be made by the CONTRACTOR to allow for any future cuts to be made to the ground over the pipe to assure that the minimum cover is maintained.

Backfilling: The backfilling required for each water service line shall be as shown on the plans and in accordance with the TRENCH BACKFILL, SPECIAL provision.

After all, backfill has been completed, the ground surface shall be shaped to conform to the contour of adjacent surfaces

Disposal of Surplus Excavated Material: Surplus excavated material not needed for backfill shall be promptly removed from the site to locations provided by the CONTRACTOR. The cost of removal and disposal of surplus excavated materials shall be included in the cost for water service line installation.

WATER SERVICE LINE, 1" (LONG) shall be the one (1) inch water service lines installed on the side of the roadway opposite of the newly constructed water main. WATER SERVICE LINE, 1" (SHORT) shall be the one (1) inch water service lines installed on the same side of the roadway as the newly constructed water main.

Basis of Payment. All excavation, couplings, new 1" diameter copper water service lines, connections to the existing service line and new water main, capping of any abandoned water service line, necessary TRENCH BACKFILL, SPECIAL, the new curb stop and new corporation stop will not be paid separately but shall be included in the contract unit price per each for WATER SERVICE LINE, 1" (LONG) or WATER SERVICE LINE, 1" (SHORT).

CORPORATION STOPS

Description. This work shall consist of furnishing and installing corporation stops to new and existing water mains, in accordance with Section 562 of the STANDARD SPECIFICATIONS and Sections 41-2.11 and 41-2.13 of the WATER AND SEWER SPECIFICATIONS.

Materials. The corporation stops shall be Ford, F1000, Q-Series or an approved equal.

Method of Measurement and Basis of Payment. This work shall not be paid for separately but shall be included in the corresponding WATER SERVICE LINE, of the specified diameter (LONG) or WATER SERVICE LINE, of the specified diameter (SHORT) pay items when installed as part of a water service connection. Corporation stops installed on the new water main for the purpose of testing the water main shall not be paid for separately but shall be included in the corresponding price per lineal foot for DUCTILE IRON WATER MAIN of the specified size. This shall be considered payment in full for all labor, equipment, and material required to complete the work as specified herein.

CATCH BASINS TO BE ADJUSTED

Description: This work shall consist of the adjusting of catch. This work shall be completed in accordance with Section 602 of the STANDARD SPECIFICATIONS.

Each structure adjustment shall be limited to a maximum of one (1) foot in adjustment height and a maximum of two adjustment rings. Adjustment rings for structures in the pavement or curb and gutter and rings 2" or less on all drainage adjustments shall be preformed rubber. Adjustment rings greater than 2" for structures in the parkway may be PCC. The CONTRACTOR shall place a continuous strip 3/8" thick of polyurethane sealer/adhesive between the PCC structure and adjustment ring. The CONTRACTOR shall also place a continuous strip 3/8" thick of polyurethane sealer/adhesive between the top of the adjusting ring and the bottom of the frame.

Structure adjustments shall include new type 1 frame and lid as shown on the plans or directed by the ENGINEER.

Basis of Payment: This work will be paid for at the contract unit price per each for CATCH BASINS TO BE ADJUSTED, which price shall include all material, labor, and equipment necessary to perform this work.

CONNECTION TO EXISTING DRAINAGE STRUCTURE

Description This work shall consist of connecting proposed storm sewer pipes to existing drainage structures as shown in the plans or as directed by the Engineer. All materials and equipment needed to connect the pipe to the existing structure shall be included. Connection will need to be approved by the Engineer before backfilling the structure.

The work shall the coring of the existing manhole to except the new storm sewer pipe. The method to cut the hole shall be approved by the engineer before performing the work. The hole around the pipe shall be mortared watertight. Any pipe, collar, couplings, and trench back fill needed for each existing pipe location shall be included in the cost of the connection and will not be paid for separately.

Method of Measurement. This work will be measured in units of each complete in place.

Basis of Payment. This work will be paid for at the contract unit price per each for CONNECTION TO EXISTING DRAINAGE STRUCTURE, which price shall include all material, labor, and equipment necessary to perform this work.

CATCH BASIN (SPECIAL)

Description: This work shall consist of constructing, installing, and backfilling 2'x 6' box structure catch basins together with the necessary cast iron frames and grates or lids, as shown in the Plans and Details or as indicated by the ENGINEER. This work shall be completed in accordance with applicable portions of Sections 602 and 604 of the Standard Specifications and as specified herein.

Materials: Materials shall be in accordance with Article 602.02 and Section 1006 of the Standard Specifications.

The CONTRACTOR shall provide a shop drawing for 2'x6' box structure catch basin to the ENGINEER for review and approval.

Construction Requirements: Construction shall conform to the details shown in the Plans and shall be in accordance with Article 602 of the Standard Specifications.

Measurement and Payment. This work will be paid for at the contract unit price per each for CATCH BASIN (SPECIAL) which price shall include all materials, labor and equipment required to complete the work as specified in the plans, details, STANDARD SPECIFICATIONS and herein for the installation of the structure and the aforementioned Frame and Grate.

TEMPORARY PAVEMENT, 2"

Description. This work shall consist of excavating two inches of stone, furnishing, placing temporary pavement in the existing utility trenches for the winter shutdown. The temporary pavement shall be installed in a manner that meets all applicable standards and specifications. The contractor is to install two inches of binder after removing two inches of stone to install the binder.

Materials. The material for this item shall meet the latest standards and specifications for Hot-Mix Asphalt Binder Course, IL 19.0, N50.

Construction and Maintenance. Temporary pavement shall be constructed on trench backfill of the utilities that were installed at locations shown on the plans or as directed by the Engineer. The thickness of the HMA material shall not be less than 2 inches.

Basis of Payment. This work will be paid for at the contract unit price per square yard for TEMPORARY PAVEMENT, 2". The contract unit price shall include all equipment, labor, and materials necessary to complete this work as specified including the cost of removing and disposing of the material used for Temporary Pavement.

AGGREGATE BASE REPAIR (SPECIAL)

Description: This work shall be done in accordance with Section 358 of the STANDARD SPECIFICATIONS except as modified herein.

358.01 Description. Revise this Article to read:

"358.01 Description. This work shall consist of the addition of aggregate as a top-dressing material to an existing aggregate base course, where it is necessary to bring the base to the proposed base elevation, on those streets where the entire HMA pavement is to be removed and replaced."

Materials: 358.02 Materials. Revise this Article to read:

"358.02 Materials. The aggregate materials shall be crushed stone or crushed gravel and have a gradation equal to CA-6 conforming to Section 1004 of the STANDARD SPECIFICATIONS, except that the material shall be crushed stone or crushed gravel."

358.04 Aggregate Bases. Delete the reference to Article 358.04 (b).

358.04 Aggregate Bases. Add the following sentence to the first paragraph of Article 358.04 (b):

"Fine aggregate screenings shall be used if required for surface stability."

Method of Measurement: Revise Article 358.06 (b) to read:

"(b) Measured Quantities: The aggregate will be measured for payment in tons according to the requirements of Article 311.08 (b)"

Basis of Payment: This work will be paid for at the contract unit price per ton for AGGREGATE BASE REPAIR (SPECIAL). Aggregate base must consist of virgin aggregate only. No recycled asphalt or concrete material will be allowed under new pavement. Base or subgrade repairs, as referenced in Article 358.04 (a) will be paid for in accordance with the special provision at the contract unit price per cubic yard for REMOVAL & DISPOSAL OF UNSUITABLE MATERIALS and AGGREGATE SUBGRADE IMPROVEMENT (SPECIAL).

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 up to 2" of aggregate for shaping and grading of the roadway subgrade. Additional aggregate needed for profile adjustments will be paid for in accordance with the special provision for AGGREGATE BASE REPAIR (SPECIAL).

Materials must consist of virgin aggregate only. No recycled asphalt or concrete material will be allowed under new pavement

Method of Measurement and Basis of Payment: This work shall be paid for at the contract unit price per square yard for SHAPING AND GRADING ROADWAY, which price shall include all material, labor, and equipment necessary to perform this work.

3" HMA DRIVEWAY REMOVAL AND REPLACEMENT

Description. This work shall consist of the removal of existing HMA driveway and the installation of HMA driveway at a thickness of 3". Work shall be in accordance with Section 406 of the IDOT SSRBC, and as directed by the Engineer.

The contractor first remove the existing HMA pavement regrade the driveway to work with the new grades and then install 3" of HMA Surface Course, Mix "D", IL-9.5, N50, in one lift to replace residential driveways at locations shown on the plans or as directed by the Engineer. If there is additional stone needed to install the drive to the proposed grades the stone shall not be paid for separately but included in the cost of this work.

Prime Coat for the driveway aggregate base shall be considered incidental to this work.

Method of Measurement. 3" HMA driveway removal and replacement will be measured for payment in square yards.

Basis of Payment. This work will be paid for at the contract unit price per square yard for 3" HMA DRIVEWAY REMOVAL AND REPLACEMENT, which price shall include all material, labor, and equipment necessary to perform this work.

REMOVE EXISTING WATER VALVE

Description. This item shall consist of the complete removal of existing valves within existing vaults prior to filling of the structure at location shown on the plans or as directed by the Engineer.

Material shall not be salvaged but shall be disposed of according to Article 202.03 of the IDOT SSRBC.

Existing vaults to be abandoned shall be paid for separately as FILLING VALVE VAULTS.

Construction Requirements. No work shall proceed prior to the shutdown of any water main passing through the existing valve to be removed.

Basis of Payment. This work will be paid for at the contract unit price each for REMOVE EXISTING WATER VALVE.

HOT-MIX ASPHALT BINDER AND SURFACE COURSE (D1)

Effective: November 1, 2019

Revised: January 1, 2026

Add the following to the end of Article 406.06(c) of the Standard Specifications:

“ The amount of HMA binder course placed shall be limited to that which can be surfaced during the same construction season.”

Revise the fifteenth through eighteenth paragraphs of Article 406.14 of the Standard Specifications to read:

“ The mixture used in constructing acceptable HMA test strips will be paid for at the contract unit price. Unacceptable HMA test strips shall be removed and replaced at no additional cost to the Department.”

Revise Article 1004.03(c) to read:

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

Use	Size/Application	Gradation No.
Class A-1, A-2, & A-3	3/8 in. (10 mm) Seal	CA 16 or CA 20
Class A-1	1/2 in. (13 mm) Seal	CA 15
Class A-2 & A-3	Cover Coat	CA 14
HMA High ESAL	IL-19.0; Stabilized Subbase IL-19.0	CA 11 ^{1/}
	SMA 12.5 ^{2/}	CA 13 ^{4/} , CA 14, or CA 16
	SMA 9.5 ^{2/}	CA 13 ^{3/4/} or CA 16 ^{3/}
	IL-9.5	CA 16, CM 13 ^{4/}
HMA Low ESAL	IL-9.5FG	CA 16
	IL-19.0L	CA 11 ^{1/}
	IL-9.5L	CA 16

1/ CA 16 or CA 13 may be blended with the CA 11.

2/ The coarse aggregates used shall be capable of being combined with the fine aggregates and mineral filler to meet the approved mix design and the mix requirements noted herein.

3/ The specified coarse aggregate gradations may be blended.

4/ CA 13 shall be 100 percent passing the 1/2 in. (12.5mm) sieve.”

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

“(e) Absorption. For SMA the coarse aggregate shall also have water absorption ≤ 2.0 percent.”

Revise the “High ESAL” portion of the table in Article 1030.01 to read:

“High ESAL	Binder Courses	IL-19.0, IL-9.5, IL-9.5FG, IL-4.75, SMA 12.5, SMA 9.5 Stabilized Subbase IL-19.0
	Surface Courses	IL-9.5, IL-9.5FG, SMA 12.5, SMA 9.5”

Revise Note 2. and add Note 6 to Article 1030.02 of the Standard Specifications to read:

“Item	Article/Section
(g) Performance Graded Asphalt Binder (Note 6)	1032
(h) Fibers (Note 2)	

Note 2. A stabilizing additive such as cellulose or mineral fiber shall be added to the SMA mixture according to Illinois Modified AASHTO M 325. The stabilizing additive shall meet the Fiber Quality Requirements listed in Illinois Modified AASHTO M 325. Prior to approval and use of fibers, the Contractor shall submit a notarized certification by the producer of these materials stating they meet these requirements. Reclaimed Asphalt Shingles (RAS) may be used in Stone Matrix Asphalt (SMA) mixtures designed with an SBA polymer modifier as a fiber additive if the mix design with RAS included meets AASHTO T305 requirements. The RAS shall be from a certified source that produces either Type I or Type 2. Material shall meet requirements noted herein and the actual dosage rate will be determined by the Engineer.

Note 6. The asphalt binder shall be an SBS PG 76-28 when the SMA is used on a full-depth asphalt pavement and SBS PG 76-22 when used as an overlay, except where modified herein. The asphalt binder shall be a SBS PG 76-22 for IL-4.75, except where modified herein..”

Revise table in Article 1030.05(a) of the Standard Specifications to read:

"MIXTURE COMPOSITION (% PASSING) ^{1/}												
Sieve Size	IL-19.0 mm		SMA 12.5		SMA 9.5		IL-9.5mm		IL-9.5FG		IL-4.75 mm	
	min	max	min	max	min	max	min	max	min	max	min	max
1 1/2 in (37.5 mm)												
1 in. (25 mm)		100										
3/4 in. (19 mm)	90	100		100								
1/2 in. (12.5 mm)	75	89	80	100		100		100		100		100
3/8 in. (9.5 mm)				65	90	100	90	100	90	100		100
#4 (4.75 mm)	40	60	20	30	36	50	34	69	60	75 ^{6/}	90	100
#8 (2.36 mm)	20	42	16	24 ^{4/}	16	32 ^{4/}	34 ^{5/}	52 ^{2/}	45	60 ^{6/}	70	90
#16 (1.18 mm)	15	30					10	32	25	40	50	65
#30 (600 μm)			12	16	12	18			15	30		
#50 (300 μm)	6	15					4	15	8	15	15	30
#100 (150 μm)	4	9					3	10	6	10	10	18
#200 (75 μm)	3.0	6.0	7.0	9.0 ^{3/}	7.5	9.5 ^{3/}	4.0	6.0	4.0	6.5	7.0	9.0 ^{3/}
#635 (20 μm)			≤ 3.0		≤ 3.0							
Ratio Dust/Asphalt Binder		1.0		1.5		1.5		1.0		1.0		1.0

- 1/ Based on percent of total aggregate weight.
- 2/ The mixture composition shall not exceed 44 percent passing the #8 (2.36 mm) sieve for surface courses with Ndesign = 90.
- 3/ Additional minus No. 200 (0.075 mm) material required by the mix design shall be mineral filler, unless otherwise approved by the Engineer.
- 4/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted above the percentage stated on the table.
- 5/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted below 34 percent.
- 6/ When the mixture is used as a binder, the maximum shall be increased by 0.5 percent passing."

Revise Article 1030.05(b) of the Standard Specifications to read:

(b) Volumetric Requirements. The target value for the air voids of the HMA shall be 4.0 percent, for IL-4.75 and SMA mixtures it shall be 3.5 percent and for Stabilized Subbase it shall be 3.0 percent at the design number of gyrations. The voids in the mineral aggregate (VMA) and voids filled with asphalt binder (VFA) of the HMA design shall be based on the nominal maximum size of the aggregate in the mix and shall conform to the following requirements.

Mix Design	Voids in the Mineral Aggregate (VMA), % Minimum for Ndesign				
	30	50	70	80	90
IL-19.0		13.5	13.5		13.5
IL-9.5		15.0	15.0		
IL-9.5FG		15.0	15.0		
IL-4.75 ^{1/}		18.5			
SMA-12.5 ^{1/2/5/}				17.0 ^{3/} /16.0 ^{4/}	
SMA-9.5 ^{1/2/5/}				17.0 ^{3/} /16.0 ^{4/}	
IL-19.0L	13.5				
IL-9.5L	15.0				

- 1/ Maximum draindown shall be 0.3 percent according to Illinois Modified AASHTO T 305.
- 2/ The draindown shall be determined at the JMF asphalt binder content at the mixing temperature plus 30°F.
- 3/ Applies when specific gravity of coarse aggregate is ≥ 2.760 .
- 4/ Applies when specific gravity of coarse aggregate is < 2.760 .
- 5/ For surface course, the coarse aggregate can be crushed steel slag, crystalline crushed stone or crushed sandstone. For binder course, coarse aggregate shall be crushed stone (dolomite), crushed gravel, crystalline crushed stone, or crushed sandstone"

Revise the last paragraph of Article 1102.01 (a) (5) of the Standard Specifications to read:

"IL-4.75 and Stone Matrix Asphalt (SMA) mixtures which contain aggregate having absorptions greater than or equal to 2.0 percent, or which contain steel slag sand, shall have minimum surge bin storage plus haul time of 1.5 hours."

Revise the first and second paragraphs of Articles 1030.06(c)(2) of the Standard Specifications to read:

“(2) Personnel. The Contractor shall provide a QC Manager who shall have overall responsibility and authority for quality control. This individual shall maintain active certification as a Hot-Mix Asphalt Level II technician.

In addition to the QC Manager, the Contractor shall provide sufficient personnel to perform the required visual inspections, sampling, testing, and documentation in a timely manner. Mix designs shall be developed by personnel with an active certification as a Hot-Mix Asphalt Level III technician. Technicians performing mix design testing and plant sampling/testing shall maintain active certification as a Hot-Mix Asphalt Level I technician. The Contractor may provide a technician trainee who has successfully completed the Department’s “Hot-Mix Asphalt Trainee Course” to assist in the activities completed by a Hot-Mix Asphalt Level I technician for a period of one year after the course completion date. The Contractor may also provide a Gradation Technician who has successfully completed the Department’s “Gradation Technician Course” to run gradation tests only under the supervision of a Hot-Mix Asphalt Level II Technician. The Contractor shall provide a Hot-Mix Asphalt Density Tester who has successfully completed the Department’s “Nuclear Density Testing” course to run all nuclear density tests on the job site.”

Add Article 1030.06(d)(3) to the Standard Specifications to read:

“(3) The Contractor shall take possession of any Department unused backup or dispute resolution HMA mixture samples or density specimens upon notification by the Engineer. The Contractor shall collect the HMA mixture samples or density specimens from the location designated by the Engineer and may add these materials to RAP stockpiles according to Section 1031.”

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 (Gmm) will be based on the running average of four available Department test results for that project. If less than four Gmm test results are available, an average of all available Department test results for that project will be used. The initial Gmm 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 Gmm.”

Revise the Quality Control Limits table in Article 1030.09(c) to read:

CONTROL LIMITS						
Parameter	IL-19.0, IL-9.5, IL-9.5FG, IL-19.0L, IL-9.5L		SMA-12.5, SMA-9.5		IL-4.75	
	Individual Test	Moving Avg. of 4	Individual Test	Moving Avg. of 4	Individual Test	Moving Avg. of 4
% Passing: ^{1/}						
1/2 in. (12.5 mm)	± 6 %	± 4 %	± 6 %	± 4 %		

3/8 in. (9.5mm)			± 4 %	± 3 %		
# 4 (4.75 mm)	± 5 %	± 4 %	± 5 %	± 4 %		
# 8 (2.36 mm)	± 5 %	± 3 %	± 4 %	± 2 %		
# 16 (1.18 mm)			± 4 %	± 2 %	± 4 %	± 3 %
# 30 (600 µm)	± 4 %	± 2.5 %	± 4 %	± 2.5 %		
Total Dust Content # 200 (75 µm)	± 1.5 %	± 1.0 %			± 1.5 %	± 1.0 %
Asphalt Binder Content	± 0.3 %	± 0.2 %	± 0.2 %	± 0.1 %	± 0.3 %	± 0.2 %
Air Voids ^{2/}	± 1.2 %	± 1.0 %	± 1.2 %	± 1.0 %	± 1.2 %	± 1.0 %
Field VMA ^{3/}	-0.7 %	-0.5 %	-0.7 %	-0.5 %	-0.7 %	-0.5 %

1/ Based on washed ignition oven or solvent extraction gradation.

2/ The air voids target shall be 3.2 to 4.8 percent.

3/ Allowable limit below minimum design VMA requirement.

Revise Article 1030.09(g)(2) of the Standard Specifications to read:

“(2) The Contractor shall complete split verification sample tests listed in the Limits of Precision table in Article 1030.09(h)(1).”

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 (Gmm) will be the Department mix design verification test result.”

Add after third sentence of Article 1030.09(b) to read:

“ If the Contractor and Engineer agree the nuclear density test method is not appropriate for the mixture, cores shall be taken at random locations determined according to the QC/QA document "Determination of Random Density Test Site Locations". Core densities shall be determined using the Illinois Modified AASHTO T 166 or T 275 procedure.”

Revise Table 1 and Note 4/ of Table 1 in Article 406.07(a) of the Standard Specifications to read:

	Breakdown/Intermediate Roller (one of the following)	Final Roller (one or more of the following)	Density Requirement
IL-9.5, IL-9.5FG, IL-19.0 ^{1/}	V _D , P, T _B , 3W, O _T , O _B	V _S , T _B , T _F , O _T	As specified in Section 1030
IL-4.75 and SMA ^{3/} _{4/}	T _B , 3W, O _T	T _F , 3W	As specified in Section 1030

Mixtures on Bridge Decks ^{2/}	T _B	T _F	As specified in Articles 582.05 and 582.06.
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“4/ The Contractor shall provide a minimum of two steel-wheeled tandem rollers (T_B), and/or three-wheel (3W) rollers for breakdown, except one of the (T_B) or (3W) rollers shall be 84 inches (2.14 m) wide and a weight of 315 pound per linear inch (PLI) (5.63 kg/mm) and one of the (T_B) or (3W) rollers can be substituted for an oscillatory roller (O_T). T_F rollers shall be a minimum of 280 lb/in. (50 N/mm). The 3W and T_B rollers shall be operated at a uniform speed not to exceed 3 mph (5 km/h), with the drive roll for T_B rollers nearest the paver and maintain an effective rolling distance of not more than 150 ft (45 m) behind the paver.”

Add the following after the fourth paragraph of Article 406.13 (b):

“The plan quantities of SMA mixtures shall be adjusted using the actual approved binder and surface Mix Design’s G_{mb}.”

Revise first paragraph of Article 1030.10 of the Standard Specifications to read:

“A test strip of 300 ton (275 metric tons), except for SMA mixtures it will be 400 ton (363 metric ton), will be required for each mixture on each contract at the beginning of HMA production for each construction year according to the Manual of Test Procedures for Materials “Hot Mix Asphalt Test Strip Procedures”. At the request of the Producer, the Engineer may waive the test strip if previous construction during the current construction year has demonstrated the constructability of the mix using Department test results.”

Revise fourth paragraph of Article 1030.10 of the Standard Specifications to read:

“When a test strip is constructed, the Contractor shall collect and split the mixture according to the document “Hot-Mix Asphalt Test Strip Procedures”. The Engineer, or a representative, shall deliver split sample to the District Laboratory for verification testing. The Contractor shall complete mixture tests stated in Article 1030.09(a). Mixture sampled shall include enough material for the Department to conduct mixture tests detailed in Article 1030.09(a) and in the document “Hot-Mix Asphalt Mixture Design Verification Procedure” Section 3.3. The mixture test results shall meet the requirements of Articles 1030.05(b) and 1030.05(d), except Hamburg wheel tests will only be conducted on High ESAL mixtures during production. To be considered acceptable to remain in place, the Department’s mixture test results shall meet the acceptable limits stated in Article 1030.09(i)(1). In addition, no visible pavement distress such as, but not limited to, segregation, excessive coarse aggregate fracturing outside of growth curves, excessive dust balls, or flushing shall be present as determined by the Engineer.”

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:

V3 Companies, Ltd

City of Crest Hill

The entities listed above and their officers, employees, and agents shall be indemnified and held harmless in accordance with Article 107.26.

Will County Prevailing Wage Rates posted on 3/2/2026

Trade Title	Rg	Type	C	Base	Foreman	M-F	Sa	Su	Hol	H/W	Pension	Vac	Trng	Other Ins	Add OT 1.5x owed	Add OT 2.0x owed	Overtime						
ASBESTOS ABT-GEN	All	ALL		51.40	52.40	1.5	1.5	2.0	2.0	18.32	17.71	0.00	0.91	0.00	0.00	0.00	0.00						
ASBESTOS ABT-MEC	All	BLD		42.02	45.38	1.5	1.5	2.0	2.0	16.44	16.64	0.00	0.92		3.37	6.73							
BOILERMAKER	All	BLD		58.91	64.21	2.0	2.0	2.0	2.0	7.07	27.02	0.00	3.69	2.31	0.00	39.30							
BRICK MASON	All	BLD		53.06	58.37	1.5	1.5	2.0	2.0	12.95	26.26	0.00	1.57	0.00	4.23	8.45							
CARPENTER	All	ALL		56.71	62.38	2.0	2.0	2.0	2.0	13.64	30.98	1.77	1.04		0.00	0.00							
CEMENT MASON	All	ALL		48.85	50.85	2.0	1.5	2.0	2.0	13.37	33.80	0.00	0.80	0.00	0.00	0.00							
CERAMIC TILE FINISHER	All	BLD		49.09	49.09	1.5	1.5	2.0	2.0	13.25	17.61	0.00	1.37	0.00	5.57	11.14							
CERAMIC TILE LAYER	All	BLD		57.04	62.04	1.5	1.5	2.0	2.0	13.25	21.60	0.00	1.50	0.00	7.63	15.26							
COMMUNICATION TECHNICIAN	All	BLD		46.00	50.60	1.5	1.5	2.0	2.0	17.54	18.15	0.00	0.75	2.37	0.00	0.00							
CONCRETE SPECIALIST	All	BLD		51.81	58.21	1.5	1.5	2.0	2.0	12.95	27.56	0.00	1.57	0.00	4.88	9.75							
CONCRETE SPECIALIST WELDER	All	BLD		54.40	58.21	1.5	1.5	2.0	2.0	12.95	27.56	0.00	1.57	0.00	4.88	9.75							
ELECTRIC PWR EQMT OP	All	ALL		64.58	70.87	1.5	1.5	2.0	2.0	12.99	22.45	0.00	3.66	0.00	0.00	0.00							
ELECTRIC PWR GRNDMAN	All	ALL		50.37	70.87	1.5	1.5	2.0	2.0	10.13	17.51	0.00	2.85	0.00	0.00	0.00							
ELECTRIC PWR LINEMAN	All	ALL		64.58	70.87	1.5	1.5	2.0	2.0	12.99	22.45	0.00	3.66	0.00	0.00	0.00							
ELECTRICIAN	All	BLD		56.00	61.04	1.5	1.5	2.0	2.0	18.13	22.93	0.00	1.35	5.40	0.00	0.00							
ELEVATOR CONSTRUCTOR	All	BLD		70.68	79.52	2.0	2.0	2.0	2.0	16.28	21.36	5.65	0.80		0.00	0.00							
GLAZIER	All	BLD		53.55	55.05	1.5	2.0	2.0	2.0	16.04	26.64	0.00	2.30	0.00	0.00	0.00							
HEAT/FROST INSULATOR	All	BLD		56.02	59.38	1.5	1.5	2.0	2.0	16.44	19.88	0.00	0.92		4.99	9.97							
IRON WORKER	All	ALL		52.00	57.20	2.0	2.0	2.0	2.0	14.61	30.95	0.00	1.10		0.00	0.00							
LABORER	All	ALL		51.40	52.15	1.5	1.5	2.0	2.0	18.32	17.71	0.00	0.91	0.00	0.00	0.00							
LATHER	All	ALL		56.71	62.38	2.0	2.0	2.0	2.0	13.64	30.98	1.77	1.04		0.00	0.00							
MACHINIST	All	BLD		60.39	64.39	1.5	1.5	2.0	2.0	11.43	9.95	1.85	1.47	0.00	0.00	0.00							
MARBLE FINISHER	All	ALL		40.21	54.60	1.5	1.5	2.0	2.0	12.95	23.81	0.00	0.98	0.00	3.00	6.00							
MARBLE SETTER	All	BLD		52.00	57.20	1.5	1.5	2.0	2.0	12.95	25.57	0.00	1.25	0.00	3.88	7.76							
MATERIAL TESTER I	All	ALL		41.40		1.5	1.5	2.0	2.0	18.32	17.71	0.00	0.91	0.00	0.00	0.00							
MATERIALS TESTER II	All	ALL		46.40		1.5	1.5	2.0	2.0	18.32	17.71	0.00	0.91	0.00	0.00	0.00							

Will County Prevailing Wage Rates posted on 3/2/2026

MILLWRIGHT	All	ALL	56.71	62.38	2.0	2.0	2.0	2.0	2.0	2.0	13.64	30.98	1.77	1.04	0.00	0.00
OPERATING ENGINEER	All	BLD	1	64.80	68.80	2.0	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00
OPERATING ENGINEER	All	BLD	2	63.50	68.80	2.0	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00
OPERATING ENGINEER	All	BLD	3	60.95	68.80	2.0	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00
OPERATING ENGINEER	All	BLD	4	59.20	68.80	2.0	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00
OPERATING ENGINEER	All	BLD	5	68.55	68.80	2.0	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00
OPERATING ENGINEER	All	BLD	6	65.80	68.80	2.0	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00
OPERATING ENGINEER	All	BLD	7	67.80	68.80	2.0	2.0	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00
OPERATING ENGINEER	All	FLT	1	73.95	73.95	1.5	1.5	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00
OPERATING ENGINEER	All	FLT	2	72.45	73.95	1.5	1.5	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00
OPERATING ENGINEER	All	FLT	3	67.95	73.95	1.5	1.5	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00
OPERATING ENGINEER	All	FLT	4	63.45	73.95	1.5	1.5	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00
OPERATING ENGINEER	All	FLT	5	75.45	73.95	1.5	1.5	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00
OPERATING ENGINEER	All	FLT	6	63.45	73.95	1.5	1.5	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00
OPERATING ENGINEER	All	HWY	1	63.00	67.00	1.5	1.5	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00
OPERATING ENGINEER	All	HWY	2	62.45	67.00	1.5	1.5	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00
OPERATING ENGINEER	All	HWY	3	60.40	67.00	1.5	1.5	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00
OPERATING ENGINEER	All	HWY	4	59.00	67.00	1.5	1.5	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00
OPERATING ENGINEER	All	HWY	5	57.80	67.00	1.5	1.5	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00
OPERATING ENGINEER	All	HWY	6	66.00	67.00	1.5	1.5	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00
OPERATING ENGINEER	All	HWY	7	64.00	67.00	1.5	1.5	2.0	2.0	2.0	24.70	21.55	2.00	2.75	0.00	0.00
PAINTER	All	ALL	54.30	61.09	1.5	1.5	1.5	2.0	2.0	2.0	16.26	17.59	0.00	1.86	0.00	0.00
PAINTER - SIGNS	All	BLD	48.16	54.11	1.5	1.5	2.0	2.0	2.0	2.0	8.20	16.81	0.00	0.00	0.00	0.00
PILEDRIIVER	All	ALL	56.71	62.38	2.0	2.0	2.0	2.0	2.0	2.0	13.64	30.98	1.77	1.04	0.00	0.00
PIPEFITTER	All	BLD	58.50	61.50	1.5	1.5	2.0	2.0	2.0	2.0	15.15	22.85	0.00	3.12	0.00	0.00
PLASTERER	All	BLD	51.10	54.17	1.5	1.5	2.0	2.0	2.0	2.0	18.43	22.10	0.00	1.25	0.00	0.00
PLUMBER	All	BLD	60.50	64.15	1.5	1.5	2.0	2.0	2.0	2.0	19.10	17.94	0.00	1.98	0.00	0.00
ROOFER	All	BLD	52.00	57.00	1.5	1.5	2.0	2.0	2.0	2.0	12.80	18.19	0.00	1.14	0.00	0.00
SHEETMETAL WORKER	All	BLD	58.83	63.54	1.5	1.5	2.0	2.0	2.0	2.0	17.16	19.90	0.00	1.79	2.62	0.00
SPRINKLER FITTER	All	BLD	63.20	65.95	1.5	1.5	2.0	2.0	2.0	2.0	15.45	19.95	0.00	1.15	0.00	0.00

Will County Prevailing Wage Rates posted on 3/2/2026

STONE MASON	All	BLD		53.06	58.37	1.5	1.5	2.0	2.0	12.95	26.26	0.00	1.57	0.00	4.23	8.45
SURVEY WORKER	All	BLD		58.45	59.45	1.5	1.5	2.0	2.0	19.10	14.40	0.00	1.59		0.00	0.00
SURVEY WORKER	All	HWY		58.45	59.45	1.5	1.5	2.0	2.0	19.10	14.40	0.00	1.59		0.00	0.00
TERRAZZO FINISHER	All	BLD		51.44	51.44	1.5	1.5	2.0	2.0	13.25	18.87	0.00	1.41	0.00	4.45	8.89
TERRAZZO MECHANIC	All	BLD		55.35	58.85	1.5	1.5	2.0	2.0	13.25	20.26	0.00	1.46	0.00	4.70	9.39
TRAFFIC SAFETY WORKER I	All	HWY		43.40	45.40	1.5	1.5	2.0	2.0	10.08	10.08	0.00	1.05	0.00	0.00	0.00
TRAFFIC SAFETY WORKER II	All	HWY		44.40	46.40	1.5	1.5	2.0	2.0	10.08	10.08	0.00	1.05	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	1	47.95	48.50	1.5	1.5	2.0	2.0	12.15	14.31	0.00	0.35	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	2	48.10	48.50	1.5	1.5	2.0	2.0	12.15	14.31	0.00	0.35		0.00	0.00
TRUCK DRIVER	All	ALL	3	48.30	48.50	1.5	1.5	2.0	2.0	12.15	14.31	0.00	0.35	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	4	48.50	48.50	1.5	1.5	2.0	2.0	12.15	14.31	0.00	0.35	0.00	0.00	0.00
TUCK POINTER	All	BLD		52.53	53.53	1.5	1.5	2.0	2.0	11.05	23.16	0.00	1.46	0.00	0.00	0.00

Legend

Rg Region

Type Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers

C Class

Base Base Wage Rate

OT M-F Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.

OT Sa Overtime pay required for every hour worked on Saturdays

OT Su Overtime pay required for every hour worked on Sundays

OT Hol Overtime pay required for every hour worked on Holidays

H/W Health/Welfare benefit

Vac Vacation

Trng Training

Other Ins Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations WILL COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

Will County Prevailing Wage Rates posted on 3/2/2026

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS TECHNICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice, sound and vision production and reproduction, telephone and telephone interconnect, facsimile, equipment and appliances used for domestic, commercial, educational and entertainment purposes, pulling of wire through conduit but not the installation of conduit.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of

Will County Prevailing Wage Rates posted on 3/2/2026

interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under; Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

Will County Prevailing Wage Rates posted on 3/2/2026

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

- Class 1. Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines: ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).
- Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 75 Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Scream; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.
- Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger, Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.
- Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small

Will County Prevailing Wage Rates posted on 3/2/2026

Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000 pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

Class 6. ROV Pilot, ROV Tender

SURVEY WORKER

Operates survey equipment (such as levels, transits, data collectors, GPS and robotic total stations) for the purpose of performing construction layout and/or grade checking.

SURVEY FOREMAN

Operates survey equipment (such as levels, transits, data collectors, GPS and robotic total stations) for the purpose of performing construction layout and/or grade checking; oversees survey crew operations; and/or coordinates work of survey crews.

TRAFFIC SAFETY Worker I

Traffic Safety Worker I - work associated with the delivery, installation, pick-up and servicing of safety devices during periods of roadway construction, including such work as set-up and maintenance of barricades, barrier wall reflectors, drums, cones, delineators, signs, crash attenuators, glare screen and other such items, and the layout and application or removal of conflicting and/or temporary roadway markings utilized to control traffic in construction zones, as well as flagging for these operations.

Will County Prevailing Wage Rates posted on 3/2/2026

TRAFFIC SAFETY WORKER II

Work associated with the installation and removal of permanent pavement markings and/or pavement markers including both installations performed by hand and installations performed by truck.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turntrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turntrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Will County Prevailing Wage Rates posted on 3/2/2026

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

August 25, 2022

CITY OF CREST HILL DIVISION 100

GENERAL REQUIREMENTS AND COVENANTS

TABLE OF CONTENTS

<u>ITEM</u>	<u>PAGE</u>
SECTION 1. DEFINITION OF TERMS.....	1
1-1 DESCRIPTION.....	1
1-2 ABBREVIATIONS.....	1
1-3 ADDENDA.....	2
1-4 AWARD.....	2
1-5 BASE COURSE.....	2
1-6 BITUMINOUS PAVEMENT.....	2
1-7 BIDDER.....	2
1-8 CONTRACT.....	2
1-9 CONTRACTOR.....	3
1-10 CONTRACT BOND.....	3
1-11 CORPORATION.....	3
1-12 CULVERT.....	3
1-13 ENGINEER.....	3
1-14 FORCE MAIN.....	3
1-15 ENGINEERING OBSERVER.....	3
1-16 LABORATORY.....	3
1-17 MANHOLE.....	4
1-18 NOTICE TO BIDDERS.....	4
1-19 CITY.....	4
1-20 PAVEMENT STRUCTURE.....	4
1-21 PLANS.....	4
1-22 PLUMBING.....	4
1-23 PROPOSAL {BID}.....	4
1-24 PROPOSAL GUARANTY.....	4
1-25 RAILROAD.....	4
1-26 RIGHT-OF-WAY AND EASEMENTS.....	4
1-27 SEWER, COMBINED.....	5
1-28 SEWER, SANITARY.....	5
1-30 SEWER, STORM.....	5
1-31 SPECIAL PROVISIONS.....	5

1-32 SPECIFICATIONS5
1-33 STATE SPECIFICATIONS5
1-34 SUBCONTRACTOR.....5
1-35 SUB-BASE6
1-36 SUB-GRADE.....6
1-37 SUPPLEMENTAL AGREEMENT6
1-38 SUPPLIER6
1-39 SURETY.....6
1-40 SURFACE COURSE.....6
1-41 WATER MAIN.....6
1-42 WATER SERVICE LINE6
1-43 THE WORK6
SECTION 2. PROPOSAL REQUIREMENT AND CONDITIONS.....7
2-1 CONTENTS OF THE PROPOSAL FORM.....7
2-2 INTERPRETATION OF ESTIMATE OF QUANTITIES.....7
2-3 EXAMINATION OF PLANS, SPECIFICATIONS, SPECIAL PROVISIONS,
AND SITE OF WORK.....7
2-4 ENGINEER'S ESTIMATE8
2-5 PREPARATION OF THE PROPOSAL8
2-6 MULTIPLE BIDS.....8
2-7 REJECTION OF PROPOSALS8
2-8 PROPOSAL GUARANTY8
2-9 DELIVERY OF PROPOSALS9
2-10 WITHDRAWAL OF PROPOSALS.....9
2-11 WITHDRAWAL OF PROPOSAL GUARANTY9
2-12 PUBLIC OPENING OF PROPOSALS9
2-14 COMPETENCY OF BIDDERS.....10
2-15 MATERIAL SUBSTITUTIONS10
2-16 CONTRACTOR'S UNDERSTANDING11
2-17 STATUS OF RIGHT-OF-WAY, EASEMENT AND CONSTRUCTION
EASEMENT ACQUISITION11
SECTION 3. AWARD AND EXECUTION OF CONTRACT.....11
3-1 CONSIDERATION OF PROPOSALS.....11
3-2 AWARD OF CONTRACT11
3-3 RETURN OF PROPOSAL GUARANTY.....11

3-4 REQUIREMENT OF CONTRACT BOND12

3-5 EXECUTION OF THE CONTRACT12

3-6 FAILURE TO EXECUTE CONTRACT12

SECTION 4. SCOPE OF WORK.....13

4-1 INTENT OF THE PLANS AND SPECIFICATIONS13

4-2 SPECIAL WORK13

4-3 CHANGES13

4-4 PERIODIC AND FINAL CLEANUP14

4-5 LUMP SUM CONTRACTS14

4-6 LOCAL ORDINANCES AND REGULATIONS.....15

4-7 PREFERENCE TO VETERANS15

SECTION 5. CONTROL OF THE WORK16

5-1 PLANS AND WORKING DRAWINGS16

5-2 CONFORMITY WITH PLANS AND SPECIFICATIONS.....16

5-3 COORDINATION OF COMPONENT PARTS OF THE CONTRACT.....16

5-4 COOPERATION BY CONTRACTOR17

5-5 UTILITIES17

5-6 COOPERATION BETWEEN CONTRACTORS.....17

5-7 CONSTRUCTION STAKES.....17

5-8 AUTHORITY AND DUTIES OF OBSERVERS.....18

5-9 ENGINEER'S FIELD OFFICE AND/OR LABORATORY18

5-10 CONSTRUCTION OBSERVATION18

5-11 REMOVAL OF DEFECTIVE AND UNAUTHORIZED WORK20

5-12 FINAL ACCEPTANCE20

5-13 PUBLIC CONSTRUCTION BID ACT, 30 ILCS 557–1-DELETED.....20

SECTION 6. CONTROL OF MATERIAL21

6-1 QUALITY OF MATERIALS21

6-2 DEFECTIVE MATERIALS21

6-3 TESTING MATERIALS21

6-4 SAND, GRAVEL AND CRUSHED STONE21

6-5 CONCRETE21

6-6 MISCELLANEOUS MATERIALS21

6-7 JOB SITE OBSERVATION.....22

6-8 STORED MATERIALS.....22

6-9 "OR EQUAL" CLAUSE.....22

SECTION 7. LEGAL REGULATIONS AND RESPONSIBILITY TO PUBLIC.....23

7-1 LAWS TO BE OBSERVED23

7-1.01 INDEMNIFICATION23

7-2 INSURANCE REQUIREMENTS24

7-3 PERMITS AND LICENSES29

7-4 PATENTS AND ROYALTIES.....30

7-5 STATE AND FEDERAL PARTICIPATION30

7-6 SANITARY PROVISIONS.....30

7-7 PUBLIC CONVENIENCE AND SAFETY.....30

7-8 BARRICADES AND WARNING SIGNS30

7-9 DEBRIS ON TRAVELED SURFACE OR STRUCTURES.....31

7-10 EQUIPMENT ON TRAVELED SURFACE AND STRUCTURES.....31

7-11 USE OF EXPLOSIVES31

7-12 USE OF FIRE HYDRANTS31

7-13 PROTECTION AND RESTORATION OF PROPERTY32

7-14 PROTECTION AND RESTORATION OF TRAFFIC SIGNS.....32

7-15 CONTRACTOR'S RESPONSIBILITY FOR WORK33

7-17 PERSONAL LIABILITY OF CITY'S AGENTS.....34

7-18 NO WAIVER OF LEGAL RIGHTS.....34

7-19 SAFETY34

7-20 USE OF PRIVATE LAND34

7-21 USE OF WATER.....34

7-22 COST OF SERVICES35

7-23 WORK IN BAD WEATHER.....35

7-24 SUNDAY WORK35

7-25 WATCHMEN.....35

7-26 CONSTRUCTION DEBRIS.....35

7-27 SAMPLE INSURANCE CERTIFICATE36

SECTION 8. PROSECUTION AND PROGRESS37

8-1 SUBLETTING OR ASSIGNMENT OF CONTRACT37

8-2 PROGRESS SCHEDULE.....37

8-3 PRE-CONSTRUCTION CONFERENCE37

8-4 PROSECUTION OF THE WORK.....37

8-5 COMPLETION DATE37

8-6 LIMITATIONS OF OPERATIONS38

8-7 SUSPENSION OF WORK38

8-8 DETERMINATION AND EXTENSION OF CONTRACT TIME FOR
COMPLETION38

8-9 FAILURE TO COMPLETE THE WORK ON TIME38

8-10 DEFAULT ON CONTRACT39

8-11 TERMINATION OF THE CONTRACTOR'S RESPONSIBILITY40

SECTION 9. MEASUREMENT AND PAYMENT40

9-1 MEASUREMENT OF QUANTITIES40

9-2 SCOPE OF PAYMENT40

9-3 INCREASED OR DECREASED QUANTITIES40

9-4 PAYMENT FOR EXTRA WORK41

9-5 PAYMENT FOR SUBCONTRACTING, EXTRA WORK42

9-6 PARTIAL PAYMENTS42

9-7 ACCEPTANCE AND FINAL PAYMENT42

9-8 CITY'S RIGHT TO WITHHOLD CERTAIN AMOUNTS43

9-9 RELEASE OF CLAIMS AND LIENS43

SECTION 1. DEFINITION OF TERMS

1-1 DESCRIPTION

When a standard specification number is used in the Specifications it shall be taken to mean the latest revision of that Standard Specification at the time of the Bid.

Whenever in the specifications and Contract the following terms, or pronouns in place of them, are used, the intent and meaning shall be interpreted as follows:

1-2 ABBREVIATIONS

The following organizations are referred to in this specification by abbreviations of the titles. Additional information noted but not detailed can be obtained from these organizations by writing to them.

ASTM	American Society for Testing and Materials 1916 Race Street Philadelphia, Pennsylvania 19103
ASSHTO	The American Association of State Highway and Transportation Officials 917 National Press Building Washington, D.C. 20004
AWWA	American Water Works Association 6666 West Quincy Avenue Denver, Colorado 80235
NSF	National Sanitation Test Laboratory Foundation Box 1478 Ann Arbor, Michigan
ANSI	American National Standards Institute 1430 Broadway New York, New York 10018
IDOT	Illinois Department of Transportation 2300 South Dirksen Parkway Springfield, Illinois 62764
FHWA	Federal Highway Administration DOT Building, 400 Seventh St., S.W. Washington, D.C. 20590
OSHA	Occupational Safety and Health Act
MWRDGC	The Metropolitan Water Reclamation District of Greater Chicago 100 East Erie Street Chicago, Illinois 60611

CONSULTANT ENGINEERING CONSULTANT
ISO Insurance Services Office

1-3 ADDENDA

Written or graphic instruments issued prior to the execution of the Agreement, which modify or interpret the Contract Documents, Drawings, and Specifications by additions, deletions, clarifications or corrections.

1-4 AWARD

The decision of the City to accept the proposal of the lowest responsive, responsible bidder for the work, subject to the execution of and approval of a satisfactory Contract therefore, and bond to secure the performance thereof, and to such other conditions as may be specified or otherwise required by law.

1-5 BASE COURSE

The layer or layers of specified or selected material of designed thickness placed on a sub-base or a subgrade to support the surface course.

1-6 BITUMINOUS PAVEMENT

A pavement structure which maintains intimate contact and distributes loads to the subgrade and depends upon aggregate interlock particle friction and cohesion for stability, and a pavement structure which includes a bituminous concrete surface course over a bituminous concrete base course or a portland cement concrete base course.

1-7 BIDDER

Any individual, firm, partnership or corporation submitting a proposal for the Work contemplated, acting directly or through a duly authorized representative.

1-8 CONTRACT

The written agreement between the City and the Contractor setting forth the obligations of the parties thereunder, including, but not limited to, the performance of the Work (the furnishing of labor and materials, and the basis of payment).

The Contract includes such of the following document parts as may be utilized. These document parts so utilized will be as fully part of the Contract as if therein set out verbatim, or, if not attached, as if attached thereto. The controlling order of priority for these documents on the project is as follows (e.g., A is controlling over B-N, etc.):

- A. Supplemental Agreements (Change Order)
- B. Addenda
- C. Special Conditions of Contract
- D. General Conditions of Contract

- E. Special Provisions to the Specifications
- F. Detailed Specifications
- G. Complete Project Plans or Drawings
- H. General Specifications
- I. Contract
- J. Contractor's Contract Bond
- K. Contractor's Proposal
- L. Notice to Proceed
- M. Notice of Award
- N. Notice to Bidders

1-9 CONTRACTOR

The Bidder awarded the Contract for the Work.

1-10 CONTRACT BOND

The approved form of security furnished by the Contractor and his surety as a guaranty that he will execute the Work in accordance with the terms of the Contract.

1-11 CORPORATION

With respect to the execution and performance of the Contract, a corporate body authorized or licensed to do business in the State of Illinois

1-12 CULVERT

A drainage structure extending across and beneath a traveled way and having a tubular or box-type cross-section open on both ends.

1-13 ENGINEER

CONSULTING ENGINEER or an engineer of a municipality, including such assistants as are authorized to represent them, who represents the City during the construction phase activities of the Work.

1-14 FORCE MAIN

A pipe constructed or used to carry sewage under pressure.

1-15 ENGINEERING OBSERVER

The authorized representative of the City or of the Engineer assigned to observe the progress of the Work to determine only if the Work is proceeding in accordance with the technical plans and specifications.

1-16 LABORATORY

An established testing laboratory approved by the Engineer.

1-17 MANHOLE

A vertical enclosed structure providing access to a pipe line or other structure.

1-18 NOTICE TO BIDDERS

The official notice, included in the proposal form, inviting bids for the proposed improvement, including a brief description of the Work.

1-19 CITY

The governmental body, corporation, partnership or individual initiating the project, acting through its legally constituted officials, officers or employees. The Department as referenced in the State Specifications.

1-20 PAVEMENT STRUCTURE

The combination of sub-base, base course and surface course placed on a sub-grade to support the traffic load and distribute it to the roadbed.

1-21 PLANS

All official drawings or reproductions of drawings pertaining to the Work provided for in the contract.

1-22 PLUMBING

Plumbing shall be as defined in the latest adopted Illinois State Plumbing Code, copies of which are available from the Illinois Department of Public Health, Division of Engineering and Sanitation, 535 West Jefferson Street, Springfield, Illinois 62706.

1-23 PROPOSAL (BID)

The written offer of the Bidder to perform the proposed Work.

1-24 PROPOSAL GUARANTY

The security designated in the proposal to be furnished by the Bidder as a guaranty that said Bidder will enter into a Contract with the City for the acceptable performance of the Work and will furnish the required Contract Bond, if the Work is awarded to him.

1-25 RAILROAD

The Railroad or Railway Company whose property is involved in the Work.

1-26 RIGHT-OF-WAY AND EASEMENTS

The areas owned, or acquired by permanent easement; also, the areas acquired by temporary easement during the time the easement is in effect.

1-27 SEWER, COMBINED

Any sewer constructed or used for the purpose of carrying both storm water and waterborne wastes to a treatment facility.

1-28 SEWER, SANITARY

Any sewer constructed or used for the purpose of carrying waterborne wastes to a treatment facility.

1-29 SEWER, SERVICE

A branch sanitary sewer line constructed from the main sanitary sewer line to a point described in the Special Provisions or Plans or to a point established by the Engineer.

1-30 SEWER, STORM

A sewer constructed or used for carrying storm water or sub-surface water to a storm water outlet.

1-31 SPECIAL PROVISIONS

Specific directions, provisions, requirements and revisions of the Specifications peculiar to the Work under consideration which are not satisfactorily provided for in the Specifications. The Special Provisions set forth the final contractual intent as to the matter involved. The Special Provisions included in the Contract shall not operate to annul those portions of the Specifications with which they are not in conflict.

1-32 SPECIFICATIONS

The body of directions, provisions and requirements contained herein, or in any supplement to this document referred to in the Special Provisions, together with written agreements and all documents of any description made or to be made pertaining to the method or manner of performing the Work, the quantities or the quality of materials to be furnished under the contract.

1-33 STATE SPECIFICATIONS

IDOT, Standard Specifications for Road and Bridge Construction, latest edition at the time of Bid. This book outlines the general requirements and covenants to all improvements, as well as provisions referring to materials, equipment and construction requirements for individual items of work.

1-34 SUBCONTRACTOR

The individual, firm, partnership or corporation to whom the Contractor, with the written consent of the Engineer, sublets, assigns, or otherwise disposes of any part of the Work covered by the contract.

1-35 SUB-BASE

The layer or layers of specified or selected material of designed thickness placed on a sub-grade to support a base course.

1-36 SUB-GRADE

The top of surface of a roadbed upon which the pavement structure and shoulders are constructed.

1-37 SUPPLEMENTAL AGREEMENT

The written agreement executed by the City and the Contractor, with the assent of the Contractor's surety, covering modifications or alterations of the terms of the original Contract.

1-38 SUPPLIER

Any person or organization who supplies materials or equipment for the Work including that fabricated to a special design.

1-39 SURETY

The corporate body, individual or individuals which engage to be responsible for the Bidder's acts in the execution of the Contract in the event of its being awarded to him; or, which are bound with and for the Contractor to insure his acceptable performance of the Contract, his payment of all obligations pertaining to the Work, and his fulfillment of such other conditions as may be specified or otherwise required by law.

1-40 SURFACE COURSE

One or more layers of a pavement structure designed to accommodate the traffic load, the top layer of which resists skidding, traffic abrasion, and the disintegrating effects of climate. The top layer is sometimes called "wearing course".

1-41 WATER MAIN

A pipe constructed or used to carry potable water under pressure.

1-42 WATER SERVICE LINE

That line connected to the water main, which delivers potable water to the user's facilities.

1-43 THE WORK

The improvement advertised for bids, described in the Proposal form, indicated on the Plans and covered in the Specifications, Special Provisions, Contract, authorized alterations, extensions and deductions, and supplementary agreements, or any part or parts thereof.

SECTION 2. PROPOSAL REQUIREMENT AND CONDITIONS

2-1 CONTENTS OF THE PROPOSAL FORM

Bidders will be furnished with forms stating the location and description of the Work contemplated, the approximate quantities of Work to be performed, the amount of the Proposal Guarantee, requirements pertaining to labor, and the date, time and place of filing and opening Proposals. All documents bound with or attached to the proposal shall be considered a part thereof, and shall not be detached or altered.

2-2 INTERPRETATION OF ESTIMATE OF QUANTITIES

An estimate of quantities of Work to be done and materials to be furnished under the Specifications is given in the Proposal. It is given as a basis for comparison of Proposals and the award of the Contract. The City and Engineer do not expressly or by implication agree that the actual quantities involved will correspond therewith; nor shall the Bidder plead misunderstanding or deception because of such estimate of quantities pertaining to the Work.

Payment will be based on the actual quantities of Work performed in accordance with Contract, at the Contract unit prices specified. No allowance will be made for any change in anticipated profits due to an increase or decrease in the original estimate of quantities. The City reserves the right to omit any item or items, or to increase or decrease any or all items as provided in Section 4-3.

2-3 EXAMINATION OF PLANS, SPECIFICATIONS, SPECIAL PROVISIONS, AND SITE OF WORK

The bidder shall, before submitting his bid, carefully examine the Proposal, Plans, Specifications, Special Provisions, and form of Contract and bond. He shall inspect in detail the site of the proposed Work and familiarize himself with all the local conditions affecting the Contract and the detailed requirements of construction. If his Bid is accepted, he will be responsible for all errors in his Proposal resulting from his failure or neglect to comply with these instructions. The City or Engineer will, in no case, be responsible for any change in anticipated profits resulting from such failure or neglect.

When the Plans or Special Provisions include information pertaining to sub-surface exploration, borings, test pits, and other preliminary investigations, such information is included only for the convenience of the Bidder. The City or Engineer assumes no responsibility whatever in respect to the sufficiency of the information, and there is no guaranty, either expressed or implied, that the conditions indicated are representative of those existing throughout the Work, or that unanticipated developments may not occur.

When the Plans or Special Provisions include information pertaining to the location of underground utility facilities, such information is only included for the convenience of the Bidder. The City or Engineer assumes no responsibility whatever in respect to the sufficiency or accuracy of the information, or lack of information, shown on the Plans relative to the location of underground utility.

facilities. It shall be the Contractor's responsibility to obtain from the respective utility companies detailed information of the location of their facilities and the work schedules of the utility companies for removing or adjusting them.

2-4 ENGINEER'S ESTIMATE

The Engineer's "Estimate of Cost" as prepared for the City for the work to be completed under this contract may or may not be available to the Bidders at the discretion of the City or the Engineer. If the "Estimate of Cost" is available, it shall be given to all prospective bidders upon request.

2-5 PREPARATION OF THE PROPOSAL

The Bidder shall submit his Proposal on the form furnished by the City. The Proposal shall be executed properly, and Bids shall be made for all items indicated in the proposal form, except that when alternate bids are asked, a Bid on more than one alternate for each item is not required, unless the Special Provisions provide otherwise. The Bidder shall indicate, in figures, a unit price or lump sum for each of the separate items called for in the Proposal; he shall show the products of respective quantities and unit prices in the column provided for that purpose, and the gross sum shown in the place indicated in the Proposal shall be the summation of said products. All writing shall be with ink or typewriter, except the signature of the bidder, which shall be written with ink.

If the Proposal is made by an individual, his name and post office address shall be shown. If made by a firm, joint venture, or partnership, the name and post office address of each member of the firm, joint venture, or partnership shall be shown. If made by a corporation, the Proposal shall show the names, titles, and business addresses of the president, secretary, and treasurer, certified to by the secretary.

2-6 MULTIPLE BIDS

If multiple Bids are to be received, bidding shall be in accordance with the instructions in the Special Provisions

2-7 REJECTION OF PROPOSALS

Proposals that contain omissions, erasures, alterations, additions not called for, conditional or alternate bids unless called for, irregularities of any kind, or proposals otherwise regular which are not accompanied by the proper proposal guaranty shall be rejected as informal or insufficient. However, the City reserve the right to reject any or all Proposals and to waive such technical error as may be deemed best for the interest of the City.

2-8 PROPOSAL GUARANTY

Each proposal shall be accompanied by a bid bond, bank draft, bank cashier's check, or properly certified check for not less than ten per cent (10%) of the amount Bid unless otherwise specified in the Special Provisions.

If a multiple Bid is submitted, the bid bond, bank draft, bank cashier's check, or certified checks, which accompany the individual Proposals making up the combination, will be considered as also covering the multiple Bid.

See Paragraph 3-3 regarding return of Proposal Guaranty.

The bid bond, bank draft, cashier's checks, or certified checks accompanying Proposals shall be made payable to the City.

2-9 DELIVERY OF PROPOSALS

Proposals shall be delivered prior to the time and at the place indicated in the notice to bidders. Each Proposal shall be placed in an envelope sealed and plainly marked to indicate its contents. Only sealed Proposals will be accepted.

Proposals will not be opened unless received at the place of letting and prior to the time stated in the Notice to Bidders.

2-10 WITHDRAWAL OF PROPOSALS

Permission will be given a Bidder to withdraw a Proposal if he makes his request in writing before the time for opening Proposals. If a Proposal is withdrawn, the Bidder will not be permitted to submit another Proposal for the same Work at the same letting.

2-11 WITHDRAWAL OF PROPOSAL GUARANTY

See Paragraphs 3-2 and 3-3 on award of Contract and return of Proposal Guaranty.

2-12 PUBLIC OPENING OF PROPOSALS

Unless otherwise specified, Proposals will be opened and read publicly at the time and place specified in the Notice to Bidders. Bidders, their authorized agents, and other interested parties are invited to be present.

2-13 DISQUALIFICATION OF BIDDERS

Any one or more of the following causes may be considered as sufficient for the disqualification of a Bidder and rejection of his Proposal.

- A. More than one Proposal for the same Work from an individual, firm, partnership, or corporation under the same or different names.
- B. Evidence of collusion among bidders.
- C. Unbalanced Proposals in which the prices for some items are substantially out of proportion to the prices for other items.
- D. Failure to submit a unit price for each item of Work listed in the Proposal.
- E. If the Proposal form is other than that furnished by the City or if the form is altered or any part thereof is detached.
- F. If there are omissions, erasures, alterations, unauthorized additions, conditional or alternate bids, or irregularities of any kind which may tend to make the Proposal incomplete, indefinite or ambiguous as to its meaning.

- G. If the bidder adds any provisions reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.
- H. If the Proposal is not accompanied by the proper proposal guaranty.
- I. If the Proposal is prepared with other than ink or typewriter.
- J. Lack of competency as revealed by financial statement or experience questionnaire.
- K. Unsatisfactory performance record as shown by past work judged from the standpoint of workmanship and progress.
- L. Uncompleted work, which, in the judgment of the City, might hinder or prevent the prompt completion of additional work.
- M. False information provided on a Bidder's "Contractor's Statement."
- N. Failure to comply with any prequalification regulations of the City.
- O. Default under previous contracts.

2-14 COMPETENCY OF BIDDERS

The Bidder, if a corporation, shall show the name of the State in which the corporation is chartered. Each Bidder shall furnish the City within two (2) weeks after request, with satisfactory evidence of his competency to perform the Work contemplated. When requested, he shall submit to the City a financial statement prepared by a Certified Public Accountant showing his financial condition at the end of his past fiscal year. The accountant who prepares the statement shall certify that he holds a valid and unrevoked certificate as a Certified Public Accountant, issued in accordance with the laws of the State in which he is licensed. The Bidder, if requested, shall also answer and submit questionnaires relating to his experience and available equipment for performing construction work similar to that for which he is offering a proposal, and shall do so within the same two weeks from the time of request.

Before an award is made, the Bidder may, at the option of the City be required to furnish a statement showing the value of all uncompleted work for which he has entered into contracts.

2-15 MATERIAL SUBSTITUTIONS

If restrictions of any governmental authority prohibit the use of certain items that are required by the Plans and Specifications, substitution for such items will be determined by the City.

Each Bidder shall base his bid on the furnishing of all items exactly as shown on the Plans and as described in the Specifications. The successful Bidder will not be authorized to make any substitutions on his own volition, but in each and every case must obtain a properly authorized change order from the City on his Contract before installing any work in variance with the Contract requirements.

2-16 CONTRACTOR'S UNDERSTANDING

It is understood and agreed that the Contractor has, by careful examination, satisfied himself as to the nature and location of the work, the conformation of the ground, the character, quality and quantity of the materials to be encountered, the character of equipment and facilities needed preliminary to and during the prosecution of the Work, the general and local conditions, and all other matters which can in any way affect the Work under this Contract. No verbal agreement or conversation with any officer, agent, or employee of the City and Engineer, either before or after the execution of this Contract, shall affect or modify any of the terms or obligations herein contained.

2-17 STATUS OF RIGHT-OF-WAY, EASEMENT AND CONSTRUCTION EASEMENT ACQUISITION

Each bidder is instructed to fully acquaint himself with the status of the right-of-way, easement and construction easement acquisition at the time of submission of his proposal and the possibility of the acquisition of the parcels remaining to be acquired, if any, in time so as not to interfere with the progress of his work under this contract, and the City shall not be liable to any damage that may occur to him for any and all delay through delay of the City in securing the necessary right-of-way, easement and construction easement.

The City agrees that it will make every effort to acquire any right-of-way, easement and construction easement with all speed and diligence possible.

SECTION 3. AWARD AND EXECUTION OF CONTRACT

3-1 CONSIDERATION OF PROPOSALS

The proposals received will be compared on the basis of the summation of the products of the items of Work listed and the unit prices offered. In case of discrepancy between the gross sum shown in the Proposal prices, the unit prices shall govern, and any errors found in said products shall be corrected. In awarding Contracts, the City will, in addition to considering the amounts stated in the Proposals, take into consideration the responsibility of the various Bidders as determined from a study of the data required under the previous article and from other investigations, which the City may elect to make.

3-2 AWARD OF CONTRACT

Except in cases where the City exercises the right reserved to reject any or all Proposals, the Contract will be awarded by the City, as soon as practicable after the opening of Proposals.

Unless otherwise specified, if a Contract is not awarded within forty-five (45) days after the opening of Proposals, a Bidder may file a written request with the City for the withdrawal of his bid or award date may be extended by mutual consent of the City and Bidder. The City will have a maximum of ten (10) days after the receipt of such request to award the Contract or release the Bidder from further obligation by return of the Bidder's Proposal Guaranty.

3-3 RETURN OF PROPOSAL GUARANTY

The Proposal Guaranties of all except the two lowest Bidders will be returned promptly after the Proposals have been checked. Proposal Guaranties of the two lowest Bidders will be returned as soon as the Contract and Bond of the successful bidder have been properly executed and approved.

If Contracts cannot be awarded promptly, the City shall permit the two (2) lowest Bidders to substitute for the bank cashier's checks, or certified checks which they may have submitted with their Proposals as Proposal Guaranties, a bid bond executed by a corporate surety company satisfactory to the City, but such substitutions shall not be made until a period of three (3) days has elapsed after the date of opening Proposals.

3-4 REQUIREMENT OF CONTRACT BOND

The successful Bidder, at the time of the execution of the Contract, shall deposit with the City a surety bond for the full amount of the Contract. The form of bond shall be that furnished by the City, and the surety shall be acceptable to the City.

3-5 EXECUTION OF THE CONTRACT

The contract shall be executed by the successful Bidder. The bond, when required, shall be executed by the principal and the sureties, and executed Contract and Contract Bond shall be presented to the City within fifteen (15) days after the date of notice of the award of the Contract.

Each Contract must be executed in three (3) original counterparts, and there shall be executed original counterparts of the Contract Bond in equal number to the executed original counterparts of the Contract. One (1) copy each of such executed documents will be retained by the City and the Engineer, the third will be delivered to the Contractor.

3-6 FAILURE TO EXECUTE CONTRACT

Failure on the part of the successful Bidder to execute a Contract and an acceptable Contract Bond and acceptable insurance certificates as provided herein, within fifteen (15) days from the date of receipt of Contract documents from the City will be considered as just cause for the annulment of the award and the forfeiture of the proposal guaranty to the City, not as a penalty but in payment of liquidated damages sustained as a result of such failure.

SECTION 4. SCOPE OF WORK

4-1 INTENT OF THE PLANS AND SPECIFICATIONS

The intent of the contract is to prescribe a complete outline of work which the Contractor undertakes to do in full compliance with the contract, plans and specifications. The Contractor shall furnish all required materials, equipment, tools, labor, and incidentals, unless otherwise provided in the contract, and shall include the cost of these items in the unit prices bid for the several units of work. Contractor shall be solely responsible for all safety procedures and safety violations. The quantities appearing in the bid schedule of prices are estimates prepared for the establishment of pay item prices and the comparison of bids. Payment to the Contractor will be made for the actual measured quantities performed and accepted or material furnished and accepted according to the contract, and the scheduled quantities may be increased, decreased, or omitted as herein provided.

Under no circumstances shall the Contractor exceed any established pay item quantity without notification to the Engineer and receipt of written authorization as provided herein.

The latest edition of the State Specifications and Standard Specifications for Water and Sewer Construction in Illinois shall be the basis and govern this contract unless otherwise provided by special provision or exception.

4-2 SPECIAL WORK

Should any construction or requirement not covered by the Specifications be anticipated on any proposed Work, Special Provisions for the same will be prepared and included in the Proposal form, which Special Provisions shall be considered as a part of the Specifications the same as though contained fully herein.

4-3 CHANGES

The City reserves the right to make, in writing, at any time during work, changes in quantities, alterations in work, and the performance of extra work to satisfactorily complete the project. Such changes in quantities, alterations, and extra work shall not invalidate the contract nor release the surety, and the Contractor agrees to perform the work as altered.

If the alterations or changes in quantities significantly change the character of the work under the contract, whether or not changed by any such different quantities or alterations, an adjustment, excluding loss of anticipated profits, will be made to the contract. The basis for the adjustment shall be agreed upon prior to the performance of the work. If a basis cannot be agreed upon, then an adjustment will be made either for or against the Contractor in such amount as the City may determine to be fair and equitable.

If alterations or changes in quantities do not significantly change the character of the work to be performed under contract, the altered work will be paid for as provided elsewhere in the contract.

The term "significant change" shall be construed to apply only when the character of the work as altered differs materially in kind or nature from that involved or included in the original proposed construction or when a major item, defined as an item whose total original contract costs exceeds ten percent of the

total original contract amount, is increased in excess of 125 percent or decreased below 75 percent of the original contract quantity.

All alterations, cancellations, extensions, and deductions shall be authorized in writing by the City before work is started. Such authorizations shall set up the items of work involved and the method of payment for each item.

The Contractor shall accept payment for alterations which result in an increase or decrease in the quantities of work to be performed according to the following:

- A. All increases in work of the type which appear in the contract as pay items accompanied by unit prices will, except as provided under paragraph (C) herein, be paid for at the contract unit prices. Decreases in quantities included in the contract will be deducted from the contract at the unit bid prices. No allowance will be made for delays or anticipated profits.
- B. Major items of work for which the quantities are increased by not more than 125 percent or reduced to not less than 75 percent of the original contract quantities will be paid for as specified in paragraph (a) above. Any adjustments for increased quantities for major items of work increased more than 125 percent shall only apply to that portion in excess of 125 percent of original contract quantities. Any adjustments made for major items of work which are decreased to less than 75 percent of the original contract quantities shall apply to the actual amount of work performed.
- C. Extra work which is not included in the contract as pay items at unit prices and is not included in other items of the contract will be paid for according to Section 9-4.

4-4 PERIODIC AND FINAL CLEANUP

From time to time or as may be ordered by the City and immediately after completion of the Work, the Contractor shall at his own expense clean up and remove all refuse and unused materials of any kind resulting from the Work. Upon failure to do so within five (5) working days after receipt of written request from the City, the Work may be done by the City and the cost thereof be charged to the Contractor and be deducted from his Contract price. Upon completion of the Work, the Contractor shall remove all his equipment and put the area of the Work in a neat and clean condition and do all other cleaning required to complete the Work in a workmanlike manner, ready for use and satisfactory to the City.

All Cleanup shall be performed as specified in the various sections of these Specifications or in the Special Provisions.

4-5 LUMP SUM CONTRACTS

On lump sum Contract, when specified in Special Provisions, or Contracts containing lump sum items, the lump sum contract price shall include the furnishing and installation of all Work described in the Specifications and/or shown on the Plans.

4-6 LOCAL ORDINANCES AND REGULATIONS

The Contractor shall keep himself fully informed of all existing laws, ordinances, and regulations of the municipality affecting the work and/or material of this Contract. If any inconsistency is discovered between the Plans, Specifications and those covered by local municipal laws, ordinances, or regulations, it shall be reported to the City and Engineer.

4-7 PREFERENCE TO VETERANS

Attention is called to assure compliance with Illinois Revised State Chapter 126 Section 23. Preference to veterans upon public works: "In the employment and appointment to fill positions in the construction, addition to, or alteration of all public works undertaken or contracted for by the state, or by any political subdivision thereof, preference shall be given to persons who were engaged in the military or naval service of the United States in time of war".

SECTION 5. CONTROL OF THE WORK

5-1 PLANS AND WORKING DRAWINGS

The Contractor shall submit to the Engineer such shop, working, or layout drawings pertaining to the construction of the Work, as may be required. These drawings shall be reviewed by Engineer for general conformance with the design concept only. This review by the Engineer does not relieve the Contractor and/or fabricator/vendor of responsibility for conformance with the Contract documents (see 1-8) and applicable codes, all of which have priority over these shop, working and layout drawings. Corrections or comments made on the shop drawings by the Engineer during this review process do not relieve the Contractor from compliance with the requirements of the Contract documents (1-8) and applicable codes.

When the Contract includes Work adjacent to a railroad and false work, cofferdams, or sheeting is required, the Contractor shall submit to the Engineer for his approval and the Railroad Engineer's approval, plans for the false work, cofferdams, or sheeting by a Registered Structural Engineer. It shall be the responsibility of the Contractor to contact the railroad to determine how to meet their requirements. The cost of meeting those requirements shall be borne by the Contractor. The plans shall be submitted sufficiently in advance of the time the Contractor intends to start work to permit checking. No such work shall be started prior to receipt by the Contractor of approval of the Plans for the false work, cofferdams, or sheeting.

The cost of furnishing such Drawings shall be incidental to the contract and no additional compensation will be allowed the Contractor for any delays resulting therefrom.

5-2 CONFORMITY WITH PLANS AND SPECIFICATIONS

It is the intent of the Specifications that all Work performed, and all materials furnished shall be in conformity with the lines, grades, cross section, dimensions and material requirements shown on the Plans or indicated in the Specifications.

In the event the Engineer finds the materials or the finished product in which the materials are used or the Work performed are not in conformity with the Engineering Plans and technical Specifications including tolerances and have resulted in an inferior or unsatisfactory product, the Work or material shall be removed and replaced or otherwise corrected by and at the expense of the Contractor.

5-3 COORDINATION OF COMPONENT PARTS OF THE CONTRACT

The Specifications, the accompanying Plans, the Proposal, the Special Provisions, and all other contract documents are intended to describe a complete Work and are essential parts of the Contract. A requirement occurring in any of them is binding. In case of discrepancy, figured dimensions shall govern over scaled dimensions, Plans shall govern over Specifications, Special Provisions shall govern over both Specifications and Plans, and quantities shown on the plans shall govern over those shown in the Proposal. Neither the City, Engineer, nor the Contractor shall take advantage of any apparent error or omission in the Plans or Specifications, and the City shall be permitted to make such minor changes or alterations as may be deemed necessary for the fulfillment of the intent of the Plans and Specifications. Any corrections or alterations so made shall be subject to the provisions of Section 4-3.

5-4 COOPERATION BY CONTRACTOR

The Contractor will be furnished necessary copies of the Plans and Special Provisions, and he shall have one copy of each available on the work at all times during its prosecution. He shall give the work his constant attention to facilitate the progress thereof, and shall cooperate with the City and Engineer in every way possible. He shall have on the Work site at all times a competent, English-speaking representative authorized to receive orders and act for him and shall not replace him without prior written notification to the City.

5-5 UTILITIES

Not all of the gas, power, telephone or cable television lines, whether above or below ground, have been shown on the drawings. The location of existing underground utilities, such as water mains, sewers gas mains, etc., as shown on the drawings, have been determined from the best available information and are given for the convenience of the Contractor. The Contractor must assume responsibility for location and protection of all utilities, whether shown or not, and must realize that the actual locations of the utilities shown on the drawings may be different from the location indicated.

It is the responsibility of the Contractor to phone the Joint Utility Locating Information for Excavators (J.U.L.I.E.) at least 48 hours before excavation starts (except Saturday, Sunday and Holidays) phone toll free 1-800-892-0123. The Contractor shall also be responsible for having the "Dig Number" assigned as a result of the phone request available at the construction site and at his office.

It is understood and agreed that the Contractor has considered in his Proposal all of the permanent and temporary utility appurtenances shown or otherwise indicated on the Plans in their present positions and that no additional compensation will be allowed for any delays, inconvenience, or damage sustained by him due to any interference from the said utility appurtenances of the operation of moving them either by the utilities company or by the Contractor; or on account of any special construction methods required in prosecuting his work due to the existence of said appurtenances.

5-6 COOPERATION BETWEEN CONTRACTORS

If separate contracts are let for Work comprising an entire improvement, each Contractor shall conduct his Work so as not to interfere with or hinder the progress or completion of the Work being performed by other Contractors.

The Contractor shall as far as possible arrange his Work, and place and dispose of the materials being used so as not to interfere with the operations of the other contractors within the limits of the same improvement. He shall join his work with that of the others in an acceptable manner and shall perform it in proper sequence to that of the others. In case of dispute, the latest approved progress schedule shall govern.

5-7 CONSTRUCTION STAKES

Construction stakes and/or paint will be furnished and set by the Engineer to mark the general location, alignment, elevation and grade of the Work. The Contractor shall exercise proper care in the preservation of stakes set for his use or the use of the Engineer. The Contractor shall pay for the cost of replacing stakes damaged by his operation or those stolen by others.

5-8 AUTHORITY AND DUTIES OF OBSERVERS

Observers employed by the City or by the Engineer shall be authorized to observe the progress of the Work to determine if the Work is proceeding in accordance with the technical Plans and Specifications, and to perform such other duties as may be designated by the Engineer. However, the Engineer shall not be responsible for the construction means, methods, techniques, sequences or safety procedures and precautions in connection with the work by the contractors.

5-9 ENGINEER'S FIELD OFFICE AND/OR LABORATORY

When required by the Special Provisions, the Contractor shall furnish a field office and laboratory. The field office and/or laboratory shall be a weatherproof building for the exclusive use of the Engineer. It shall be independent of any building used by the Contractor. All keys to the building shall be turned over to the Engineer. The Engineer shall designate the location of the building and it shall remain on the site until released by the Engineer.

The building shall conform to the following requirements:

Floor space, not less than	120 square feet
Height of ceiling, not less than	8 feet
Windows, not less than	3
Door, with lock approved by the Engineer	1
Instrument locker, 2 feet x 3 feet x 4 feet, with adjustable shelves	
Hinged wall table	3 feet x 6 feet

The Contractor shall provide lights, heat, and when electric power is available, summer air conditioning for the building. The conditions shall be acceptable to the Engineer.

When shown on the plans or specified in the Special Provisions, the Contractor shall furnish two (2) buildings conforming to the above requirements, one to be used as a field laboratory, and each to be located where designated by the Engineer.

With the approval of the Engineer, a mobile building or buildings of approximately the same dimensions and having similar facilities may be substituted for the above described building or buildings.

The cost of furnishing the building or buildings, light, heat, and air conditioning shall be paid for at the contract lump sum price for "FIELD OFFICE AND/OR LABORATORY". The office and/or laboratory shall remain the property of the Contractor when the Work is completed.

5-10 CONSTRUCTION OBSERVATION

All materials and each part or detail of the Work may be subject at all times to observation by the Engineer and the City, or their authorized representatives, and the Contractor will be held strictly to the true intent of the Contract documents in regard to quality of materials, workmanship and the

diligent execution of the Contract. Observations may be made at the site or at the source of material supply whether mill, plant or shop. The Engineer, or his representatives, shall be allowed access to all parts of the Work and shall be furnished with such information and assistance by the Contractor as is required to make his observations and construction review. The duty of the Engineer to conduct observations and construction review of the Contractor's performance shall not include review of the adequacy of the Contractor's safety measures in, on, or near the construction site.

Engineer shall not at any time supervise, direct, or have control over any contractors' work, nor shall Engineer have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any contractor, nor for safety precautions and programs in connection with the contractors' work, nor for any failure of any Contractor to comply with laws and regulations applicable to contractors' work. Engineer neither guarantees the performance of any contractor nor assumes responsibility for any contractor's failure to furnish and perform its work. Engineer shall have no authority to stop the work of any contractor on the Project. The Engineer's efforts will be directed toward providing assurance for the City that the completed project will conform to the Plans and Specifications as prepared by the Engineer, to safeguard the City against variances and deviations from the Plans and Specifications, and to assist in a correct interpretation of the Plans and Specifications.

The Engineer shall not have control of the construction and does not have a right, duty or responsibility to stop work for any reason including any contractor's failure to follow proper safety precautions or any acts or omissions. The Engineer shall not be responsible for the acts, errors or omissions of any contractor or any of their agents or employees or any other person performing any of the Work under the Contract.

The Contractor shall, upon written notice from the City, remove or uncover such portions of the finished Work as he may direct, before the final acceptance of the same. After examination, the Contractor shall restore said portion of the Work to the standard required by the Contract documents. If the Work thus exposed or examined proves acceptable, the expenses of uncovering or removing and the replacing of the parts removed shall be paid for as Extra work, unless otherwise provided in the Contract documents, but if the Work so exposed or examined is unacceptable, the expense of uncovering or removing and the replacing of the same in accordance with the Contract documents shall be borne by the Contractor.

The Contractor shall supervise and direct the Work. He will be solely responsible for the means, methods, techniques, sequences and procedures of construction.

Any reference to "supervision" by the Engineer in the Illinois Department of Transportation, Standard Specifications for Road and Bridge Construction or any other referenced documents shall be changed to "observation."

When the State and/or Federal Government is to pay a portion of the cost of the Work covered by the Contract, the Work shall be subject to the observation of the representatives of those Governments, but such observation shall in no sense make those Governments a part of the Contract.

5-11 REMOVAL OF DEFECTIVE AND UNAUTHORIZED WORK

Work done without lines and grades being given, or beyond the lines shown on the Plans or as given, except as herein provided, or any extra work done without authority will be considered as unauthorized and at the expense of the Contractor, and will not be measured or paid for. Work so done may be ordered by the City to be removed or replaced at the Contractor's expense.

All work, which has been rejected, shall be remedied or removed and replaced so as to comply with the Plans and Specifications by the Contractor at his own expense. Upon failure on the part of the Contractor to comply promptly with any order of the City made under the provisions of this article, the City shall, after giving written notice to the Contractor, have the authority to cause defective work to be remedied, or removed and replaced, or to cause unauthorized work to be removed, and to deduct the cost thereof from the contract price due or become due to the Contractor.

5-12 FINAL ACCEPTANCE

The Engineer shall make final acceptance of all Work included in the Contract, as soon as practicable after notification by the Contractor that the Work is completed. If the Work is not acceptable to the Engineer, he shall inform the Contractor in writing as to the particular defects to be remedied before final acceptance can be made.

The Contractor shall be relieved of normal maintenance responsibilities for any sections of the work, which are completed and accepted by the City prior to project completion. For the remainder of the Work, the guarantee period shall be as stated in Section 7-16.

When the Contract includes work for which the County, State and/or Federal Government is to pay a portion of the cost thereof, such work shall also be subject to the inspection and approval of the representatives of those governments.

5-13 PUBLIC CONSTRUCTION BID ACT, 30 ILCS 557-1-Deleted.

SECTION 6. CONTROL OF MATERIAL

6-1 QUALITY OF MATERIALS

It is the intent of the Specifications that first-class materials shall be used throughout the Work, and that they shall be incorporated as to produce completed construction, which is workmanlike and acceptable in every detail. The cost of collecting and furnishing of samples of all test material shall be borne by the Contractor. The cost of all testing shall be borne by the City. Only materials, which conform to the requirements of these Specifications, shall be incorporated in the Work.

6-2 DEFECTIVE MATERIALS

All materials not conforming to the requirements of the Specifications shall be considered as defective and shall be removed from the Work; if in place, they shall be removed by the Contractor at his expense and replaced with acceptable materials. No defective materials, the defects of which have been subsequently corrected, shall be used until approval has been given. Upon failure of the Contractor to comply forthwith with any written order of the City pursuant to the provisions of this article, the City shall have authority to remove and replace defective materials and to deduct the cost of removal and replacement from any monies due to become due the Contractor.

6-3 TESTING MATERIALS

All materials should be tested and approved by the Engineer before incorporation in the Work. The Contractor shall give sufficient advance notice of placing orders to permit tests to be completed before the materials are incorporated in the Work and the Contractor shall afford such facilities as the Engineer may require for collecting and forwarding samples and making observations.

6-4 SAND, GRAVEL AND CRUSHED STONE

The source of sand, gravel and crushed stone construction shall be approved by the Engineer prior to usage. The approval shall be based upon testing of samples furnished by the Contractor and tested by the Engineer for conformance with Specifications. Approval shall be contingent upon the Contractor using materials on the job, which conform with the samples satisfactorily tested.

6-5 CONCRETE

Samples of concrete used in construction shall be taken by the Contractor and made into test cylinders in conformance with ASTM C31. The City shall provide the services of an independent testing laboratory to collect and test the cylinders in conformance with ASTM C39, and furnish a copy of test results to the Engineer. Any concrete, which tests indicate failed to conform to the Specifications, shall be removed and replaced at Contractor's expense. At the option of the City, the concrete may be accepted and agreed upon adjustment in payment.

6-6 MISCELLANEOUS MATERIALS

Fittings, valves, castings, hydrants, house service pipes, masonry blocks, bricks, manhole sections or other miscellaneous manufactured materials used in water and sewer construction shall be furnished

with the implied guarantee that such materials conform with the requirements of the Specifications. The Engineer reserves the right to require a certified statement from the manufacturer of such materials that the specific materials have been inspected and tested and conform with the Specifications.

6-7 JOB SITE OBSERVATION

Regardless of any tests of materials made at the source, the Contractor shall carefully inspect all materials before installation and reject any materials, which have been damaged or have visible flaws. The Engineer also reserves the right to make such observation, but failure to detect irregularities does not relieve the Contractor of responsibility to remove and replace materials, which are found to be defective after installation.

6-8 STORED MATERIALS

If it is necessary to store materials, they shall be protected in such a manner as to insure the preservation of their quality and fitness for the Work. All stored materials shall be inspected at the time of use in the Work, even though they may have been inspected and approved before being placed in storage. The Contractor may use the right-of-way for storage of materials. If stockpiling is done outside the right-of-way, the additional space required shall be provided by the Contractor at his expense.

6-9 "OR EQUAL" CLAUSE

Whenever, in any of the Contract Documents, an article, material or equipment is defined by describing a proprietary product, or by using the name of a manufacturer, or vendor, the term "or equal", if not inserted shall be implied except where the Proposal provides for alternate bids. The specific article, materials, or equipment mentioned shall be understood as indication of the type function, minimum standard or design, efficiency and quality desired and shall not be construed in such a manner as to exclude manufacturer's products of comparable quality, design and efficiency. The Contractor shall comply with the requirements of the Contract Documents and City's approval of materials and equipment before they are incorporated in the project.

SECTION 7. LEGAL REGULATIONS AND RESPONSIBILITY TO PUBLIC

7-1 LAWS TO BE OBSERVED

The Contractor shall at all times observe and comply with all Federal laws, State laws, County laws, local laws, ordinances, and regulations which in any manner affect the conduct of the Work, and all such orders or decrees as exist at the time Bids are advertised, of legislative bodies or tribunals having legal jurisdiction or authority over the work and no plea of misunderstanding or ignorance thereof will be considered. The Engineer shall not be responsible for determining whether the Contractor is in compliance with these laws, ordinances and regulations.

The Contractor shall indemnify and save harmless the City, the Engineer, and all of their officers, agents, employees and servants against any claim or liability, including legal fees, arising from or based on the violation of such law, ordinance, regulation, order or decree, whether by themselves or their employees.

7-1.01 INDEMNIFICATION

To the fullest extent permitted by law, the Contractor shall defend, indemnify and hold harmless City and Consultants and their respective officers, agents and employees, from and against all claims, damages, losses, costs, expenses, judgments and liabilities, including but not limited to attorney's fees, costs and expenses, arising out of or in connection with Contractor's performance of or failure to perform this Agreement, provided that any such claim, damage, loss, costs, expenses, judgments or liabilities are attributable to bodily injury, sickness, disease or death, or to injury or destruction of tangible personal property, including the loss of use resulting therefrom, that is caused in whole or in part by any act or omission of the Contractor, any subcontractor, anyone directly or indirectly employed by them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by any party indemnified hereunder.

Contractor shall defend, indemnify and hold harmless City, Consultants, and their respective officers, agents and employees from and against all claims, damages, losses, costs and expenses arising out of, relating to, or incurred in connection with the use by Contractor, its officers, agents, subcontractors and employees of any equipment, materials, tools, construction equipment, machinery, and/or motor vehicles owned or leased by City. The indemnification provided by this Section shall apply regardless of whether City consents to the use of equipment by Contractor.

In the event such indemnity as described above is prohibited by law, then said indemnity shall only be to the extent caused by the negligent acts or omissions of the Contractor, subcontractors, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, or to the extent allowed by applicable law.

The indemnification obligation under this paragraph shall not be limited in any way by any limitations on the amount or type of damages, compensation or benefits payable by or for the benefit of Contractor or any indemnities under any Worker's Compensation Act, Occupational Disease Act, Disability Benefits Act, or any other employee benefits act. The Contractor further agrees to waive any and all liability limitations based upon the Worker's Compensation Act court interpretations or otherwise.

Contractor agrees that a similar waiver of liability limitation will be incorporated in its agreements with subcontractors or anyone directly or indirectly employed by them. Contractor agrees that in the event it

fails to incorporate such a waiver of liability limitation in its agreements with said subcontractors and others, then it will be responsible for any additional liability arising out of said failure. The defense and indemnification obligations set forth in this provision shall survive the termination or expiration of this Agreement.

Contractor further agrees that all future contracts in furtherance of this contract between Contractor and any of its subcontractors will designate City and CONSULTANTS as intended third party beneficiaries of that contract. Contractor hereby agrees to specifically label City and CONSULTANTS as an "intended third party beneficiaries" in all contracts entered in furtherance of this contract.

7-2 INSURANCE REQUIREMENTS

7-2.01 GENERAL

The Contractor and any Subcontractors shall obtain and thereafter keep in force for the term of the contract the insurance coverage specified in 7-2.02 MINIMUM INSURANCE REQUIREMENTS.

The Contractor shall not commence work under the Contract until all the insurance required by this section or any Special Provisions has been obtained. The insurance companies must be authorized to do business in the State of Illinois.

The insurance companies providing coverage shall be rated in the Best's Key Rating Guide with a rating not lower than A- and shall have a financial size category of not less than VII.

The Contractor shall be solely responsible for enforcing compliance with these insurance requirements by all Subcontractors of any tier.

A. PRIMARY INSURANCE

All insurance required of the Contractor shall be specifically endorsed so that it is Primary Insurance as to all additional insureds with respect to all claims arising out of operations by or on their behalf. If additional insureds have other applicable insurance coverage, those coverages shall be deemed to be on an excess or contingent basis.

B. NO WAIVER OF INSURANCE REQUIREMENT BY CITY

Under no circumstances shall the City be deemed to have waived any of the insurance requirements of this Contract by any act or omission, including, but not limited to:

1. Allowing work by Contractor or any Subcontractor of any tier to start before receipt of certificates of insurance, endorsements, and other required insurance documents; or
2. Failure to examine, or to demand correction of any deficiency of, any certificate of insurance received.

The Contractor agrees that the obligation to provide insurance is solely the Contractor's responsibility and cannot be waived by any act or omission of the City.

C. INSURANCE DOES NOT LIMIT LIABILITY

The purchase of insurance by the Contractor under this Contract shall not be deemed to limit the liability of the Contractor in any way for damages suffered by City (e.g., in excess of policy limits, because of deductibles, or not covered by the policies purchased).

D. NOTIFICATION OF PERSONAL INJURY/PROPERTY DAMAGE

The Contractor shall notify the City, in writing, of any possible or potential claim for personal injury or property damage arising out of the work of this Contract promptly whenever the occurrence giving rise to such a potential claim becomes known to the Contractor.

7-2.02 MINIMUM INSURANCE REQUIREMENTS

The insurance coverage required of the Contractor and any Subcontractors shall be written for not less than the following, or greater if required by law:

A. Workers' Compensation and Occupational Disease Insurance in accordance with applicable state and federal laws, and Employer's Liability Insurance with a bodily injury per accident limit of liability of at least \$ 500,000, bodily injury by disease limit each employee of \$500,000 and bodily injury by disease policy limit of \$500,000 or such greater sum as may be reasonably required by City.

B. Commercial General Liability Insurance provided by ISO form CG 0001 with a combined Bodily Injury and Property Damage limit of at least \$1,000,000 per occurrence, \$2,000,000 products and completed operations aggregate and \$2,000,000 general aggregate, or such greater sum as may be reasonably required by City.

1. Completed Operations and Products liability insurance shall be maintained for a period of 2-years after completion and acceptance of the Project by City, or such longer period as may be reasonably required by the City.
2. The above policy shall include an endorsement identifying City, and any other parties as may be reasonably required by City or CONSULTANTS as Additional Insured. ISO endorsements CG 2010 and CG 2037 any edition, or equivalent forms, must be used to provide this coverage. Copies of the endorsements must be included with the certificate of insurance as required in paragraph L.
3. Claims-Made coverage triggers are not acceptable to City.
4. ISO form CG2503, Designated Construction Project(s) General Aggregate Limit or an equivalent form must be endorsed to the policy and identified on the certificate of insurance. City's and Contractors Protective Liability policy can be

utilized in lieu of aggregate limits per project, (see 7-2.02O for OCP requirements)

5. The policy shall not contain a sunset provision, commutation clause or any other provision which would prohibit the reporting of a claim and the subsequent defense and indemnity that would normally be provided by the policy.
6. The policy shall not contain any provision, definition or endorsement which would serve to eliminate third party action over claims.
7. Residential Work exclusions or limitations, in any form, are not acceptable to Contractor.

C. **Comprehensive Automobile Liability Insurance** covering use of all owned, non-owned and hired vehicles with Bodily Injury and Property Damage limit of at least \$1,000,000 Combined Single Limit, or such greater sum as may be reasonably required by the City. This policy shall include coverage for City, CONSULTANTS, and any other parties as may be reasonably required by City, for liability arising out of the actions of Contractor, whether by endorsement or otherwise.

D. **Excess or Umbrella Liability Insurance** limits of no less than \$5,000,000 per occurrence for Employer's Liability, Commercial General Liability and Comprehensive Automobile Liability, in excess of the minimum policy limits stated below:

Employer's Liability \$500,000/ \$500,000 / \$500,000

Commercial General Liability \$1,000,000 per occurrence

Commercial General Liability \$2,000,000 general aggregate

Commercial General Liability \$2,000,000 completed operations aggregate

Comprehensive Auto Liability \$1,000,000 combined single limit

Excess/Umbrella coverage shall be provided as no less than Follow Form and shall name City, Consultants, and any other parties as may be reasonably required by City, as Additional Insured on a Primary and Non-Contributory basis.

E. **Pollution Liability** in the amount of \$1,000,000 per occurrence and in the aggregate or such sum as may be reasonably required by the City. This requirement covers the Contractor's use of, transportation, removal and/or disposal of hazardous materials and/or pollutants. Additionally, this requirement must apply to any disposal site

receiving hazardous materials and/or pollutants. Pollution means the actual or alleged discharge, dispersal, release, seepage, migration, growth, or escape of smoke, soot, fumes, acids, alkalis, toxic chemicals, mold, mildew, spores, fungi, microbes, bacterial matter, legionella pneumophila, asbestos, lead, silica, liquids or gases, waste materials, contaminants, or other irritants, into or upon land, the atmosphere, any structure on land, the atmosphere contained within that structure, or any watercourse or body of water, including groundwater. Radioactive matter shall also be considered a pollutant, except as otherwise covered or protected by insurance or protections provided pursuant to 42 U.S.C. § 2014(w), as amended, or Section 170 of the Atomic Energy Act of 1954, as amended.

- F. Professional Liability** in the amount of \$2,000,000 per occurrence and in the aggregate or such sum as may be reasonably required by the City. This requirement covers the Contractor's duties that involve professional architectural, engineering, design or consultation work. Any applicable deductibles and/or retention's must be noted on the Certificate of Insurance. Policy exclusions are not allowed for pollution, including mold, fungi or bacteria including the vapor produced or arising therefrom. Please see the project *Special Provisions* for the project specific needs of this policy.
- G. Property and Equipment** Contractor shall purchase and maintain at its own discretion and expense, Builder's Risk/Installation Floater Insurance in an amount equal to the insurable value of the Contractor's property, whether off site or in transit, to cover any equipment, tools or tangible personal property. Contractor assumes all liability and risks, and agrees to waive all claims against City and CONSULTANTS for damage to or loss of equipment, machinery, tools, supplies and other tangible personal property owned or supplied by Contractor and utilized or intended to be utilized during the course of Contractor's Work. Any insurance carried by Contractor covering such damage or loss shall be endorsed with a waiver of subrogation in favor of City and CONSULTANTS. Any and all subcontractors agree to assume the same liabilities and risks as Contractor.
- H. Each of Contractor's** General Liability, Auto Liability, Pollution Liability, Professional Liability and Excess/Umbrella Liability policies must be endorsed as Primary and Non-Contributory as to any insurance maintained by the Additional Insured(s) and shown on the certificate of insurance.
- I. An endorsement** in favor of the Additional insured(s) waiving the Contractor's and its insurer's rights of subrogation shall be issued with respect to the Commercial General Liability, Comprehensive Auto Liability, Pollution Liability, Professional Liability and Workers' Compensation and Employers Liability policies. Evidence of this endorsement must be noted on the certificate of insurance.

- J.** *Self-funded* or other non-risk transfer insurance mechanisms or deductibles/self-insured retentions greater than \$25,000 per occurrence are not acceptable to City on any insurance coverage required in this agreement. If the Contractor has such a program, full disclosure must be made to City and CONSULTANTS prior to any consideration being given.
- K.** *Any subcontractor* employed by Contractor shall have equivalent coverage.
- L.** *A Certificate of Insurance*, including copies of the Additional Insured endorsements, shall be sent to City or CONSULTANTS prior to the commencement of any Work (please see the sample attached at the end of Section 7). All Certificates of Insurance and Endorsements verifying the existence of the above required insurance shall be in form and content satisfactory and acceptable to City and CONSULTANTS and shall be submitted to City or CONSULTANTS in a timely manner so as to confirm Contractor's full compliance with these insurance requirements stated herein, throughout the entire term of this Agreement.
- M.** Contractor shall provide written notice via email of any cancellation notice received by Contractor from any insurer providing insurance as required in this Agreement within two (2) business days of Contractor's receipt of such notice.
- N.** *Permitting Contractor* to commence Work prior to CONSULTANTS's receipt of the required certificate shall not be a waiver of the Contractor's obligation to provide all of the above insurance. Acceptance by City or CONSULTANTS of insurance submitted by Contractor shall not relieve or decrease in any manner the liability of the Contractor for its performance under this Agreement.

In the event Contractor fails to obtain or maintain any of the foregoing required coverage, the City may purchase such coverage and charge the expense thereof to the Contractor, or may terminate this Agreement.

These Insurance provisions are intended to be a separate and distinct obligation on the part of Contractor. Therefore, these provisions shall be enforceable and Contractor shall be bound thereby regardless of whether or not the Indemnity provisions of this Agreement are determined at any time to be enforceable in the jurisdiction in which the Work covered by this Agreement is performed. The obligation of the Contractor to provide the insurance herein specified shall not limit in any way the liability or obligations assumed by the Contractor elsewhere in this Agreement.

In the event Contractor or its insurance carrier(s) defaults on any obligations under this Insurance provision, Contractor agrees that it will be liable for all reasonable expenses and attorneys' fees incurred by City in the enforcement of the terms of this provision.

O. City and Contractor's Protective Liability Insurance

If the Contractor is unable or unwilling to provide the required General Liability Additional Insured forms, a City's and Contractor's Protective Policy can be purchased as an acceptable alternate; Required limits of insurance;

1. Bodily Injury and Property Damage Combined
\$5,000,000 Each Occurrence
\$10,000,000 Annual Aggregate
2. The Contractor will furnish and maintain during the entire period of construction a City and Contractor's Protective Liability policy written in the name of the City and CONSULTANTS with not less than the limits indicated. The named insureds shall be:
 - a. City
 - b. Consultant, If Required.
3. Proof of insurance for the coverages required to be purchased by the Contractor, including the City's and Contractor's Protective Policy shall be submitted to CONSULTANTS for transmittal to the City for his approval prior to the start of construction. Proof of the City's Protective Policy shall consist of providing an entire copy of that policy to CONSULTANTS. With respect to all other coverages required to be purchased by the Contractor, proof of insurance shall consist of a Certificate of Insurance issued by the Contractor's insurance agency.
4. It is further understood that any insurance maintained or carried by City shall be in excess of any coverage provided by any Contractor or Subcontractor.

P. Railroad Protective Insurance will be required by Special Provisions if needed.

Q. Builder's Risk Insurance is not provided by the City. The Contractor is responsible for any loss that would be insured by such coverage. On Contracts for construction of buildings, bridges, or other structures, all Builder's Risk coverage may be required by Special Provisions. Such coverage shall name the City, Contractor, subcontractors, and suppliers, as their interests may appear as named insureds.

7-3 PERMITS AND LICENSES

The Contractor, prior to commencing work, shall at his own expense procure all permits, licenses, and bonds necessary for the prosecution of the work, required by Municipal, County, State and Federal regulations, unless specifically provided otherwise in the Special Conditions of the Contract.

The Contractor shall also give all notice, pay all fees, and comply with all Federal, State, County and Municipal laws, ordinances, rules and regulations and building and construction codes bearing on the conduct of the Work.

7-4 PATENTS AND ROYALTIES

If any design, device, material or process covered by letters patent or copyright is used by the Contractor, he shall provide for such use by legal agreement with the City of the patent or a duly authorized licensee of such City, and shall save harmless the City and the Engineer from any and all loss or expense on account thereof, including its use by the City.

7-5 STATE AND FEDERAL PARTICIPATION

When the County, State, and/or the Federal Government pays all or any portion of the cost of the Work, the Work shall be subject to the inspection of the appropriate agency.

7-6 SANITARY PROVISIONS

The Contractor shall comply with all rules and regulations of the Federal, State, County, and local health departments, and shall take precautions to avoid creating unsanitary conditions. The City or Engineer shall not be responsible for determining whether the Contractor is in compliance with these rules and regulations.

7-7 PUBLIC CONVENIENCE AND SAFETY

The Contractor shall notify the City at least five (5) days in advance of the starting of Work, which might in any way inconvenience or endanger traffic, so that arrangements may be made, if necessary, for closing the road and providing suitable detours. The Contractor shall at all times conduct the Work as to insure the least obstruction to vehicular and pedestrian traffic. The convenience of the general public and of residents along the roadway shall be provided for in an adequate and satisfactory manner. (See also 7-9, 7-14 and 8-6.)

If a temporary road is required for the convenience of the general public and/or residents along the roadway, temporary road requirements will not be paid for separately, but will be incidental to the Contract and no extra compensation will be allowed.

7-8 BARRICADES AND WARNING SIGNS

When any section of road is closed to traffic, the Contractor shall provide, erect, and maintain barricades, red flags, signs and lights at each end of the closed section and at all intersecting roads in accordance with the Illinois Manual of Uniform Traffic Control Devices.

If during the progress of the work, it is necessary to provide access to private property along the road, the Contractor shall provide, erect, and maintain within the closed portion of the road, such barricades, signs, flags and lights as may be necessary to protect the Work and to safeguard local traffic.

When traffic is to be permitted to use the road during construction, the Contractor shall protect the work and provide for safe and convenient public travel by providing, erecting, and maintaining such barricades, red flags, and lights as are necessary.

The Contractor's responsibility for the work, as provided in Section 7-15, shall apply, even though barricades, signs, red flags, and lights are installed as required above.

The cost of furnishing and maintaining barricades, warning signs, red flags, and lights as required herein shall be incidental to the Contract and no extra compensation will be allowed. The Engineer shall not be responsible for determining whether the Contractor is in compliance with these rules and regulations.

7-9 DEBRIS ON TRAVELED SURFACE OR STRUCTURES

Where the Contractor's equipment is operated on any portion of the traveled surface or structures used by traffic on or adjacent to the section under construction, the Contractor shall clean the traveled surface of all dirt and debris at the end of each day's operation.

The cost of this work shall be included in the unit prices bid and no additional compensation will be allowed. The Engineer shall not be responsible for determining whether the Contractor is in compliance with these rules and regulations.

7-10 EQUIPMENT ON TRAVELED SURFACE AND STRUCTURES

The traveled surface and structures on or adjacent to the work shall be protected, from damage by lugs or cleats on treads or wheels of equipment

All equipment used in the prosecution of the work shall comply with the legal loading limits established by the statutes of the State of Illinois or local regulations when moved over or operated on any traveled surface or structure unless permission in writing has been issued by the City. Before using any equipment, which may exceed the legal loading, the Contractor shall secure a permit, allowing ample time for making an analysis of stresses to determine whether or not the proposed loading would be within safe limits. The City will not be responsible for any delay in construction operations or for any costs incurred by the Contractor as a result of compliance with the above requirements. The Engineer shall not be responsible for determining whether the Contractor is in compliance with these rules and regulations.

7-11 USE OF EXPLOSIVES

When the use of explosives is necessary for the prosecution of the Work, the Contractor shall be governed by the rules and regulations of the Department of Mines and Minerals of the State of Illinois and any local regulations, which govern the use of explosives. The Engineer shall not be responsible for determining whether the Contractor is in compliance with these rules and regulations.

7-12 USE OF FIRE HYDRANTS

If the Contractor desires to use water from hydrants, he shall make application to the proper authorities, and shall conform to the municipal ordinances, rules or regulations concerning their use. Water from hydrants or other sources shall be at the Contractor's expense unless otherwise provided in the Special Provisions

Fire hydrants shall be accessible at all times to the Fire Department. No material or other obstructions shall be placed closer to a fire hydrant than permitted by municipal ordinances, rules or regulations, or within ten feet (10') of a fire hydrant, in the absence of such ordinances, rules or regulations.

7-13 PROTECTION AND RESTORATION OF PROPERTY

If corporate or private property interferes with the Work, the Contractor shall notify, in writing, the City of such property, advising them of the nature or disposition of such property. The Contractor shall furnish the City with copies of such notifications and with copies of any agreements between him and the property Owners concerning such protection or disposition.

The Contractor shall take all necessary precautions for the protection of corporate or private property, such as walls and foundations of buildings, vaults, underground structures of public utilities, underground drainage facilities, overhead structures of public utilities, trees, shrubbery, crops and fences contiguous to the Work, of which the Contract does not provide for removal. 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 City or an authorized surveyor or agent has witnessed or otherwise referenced their location or relocation. The Contractor shall take reasonable precautions to avoid disturbing any archeological and other historic remains encountered during construction. The Contractor shall notify the City of the presence of an such survey or property monuments or archeological and other historic remains as soon as they are discovered.

The Contractor shall be responsible for the damage or destruction of property of any character resulting from error, neglect, misconduct or omission in his manner or method of execution or non-execution of the Work, or caused by defective Work or the use of unsatisfactory materials, and such responsibility shall not be released until the Work shall have 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 his own expense, 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 he shall otherwise make good such damage or destruction in an acceptable manner. If he fails to do so, the City may, after the expiration of a period of forty-eight (48) hours after giving him notice in writing, proceed to repair, rebuild, or otherwise restore such property as may be deemed necessary, and the cost thereof shall be deducted from any compensation due, or which may become due the Contractor under his contract.

The Contractor shall remove all mailboxes within the limits of construction, which interfere with construction operations and shall erect them at temporary locations. As soon as construction operations permit, he shall set the mailboxes at their permanent locations. The Contractor shall replace at his own expense any mailbox or post which has been damaged by his operations.

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 incidental to the Contract, unless otherwise specified in the Special Provisions.

7-14 PROTECTION AND RESTORATION OF TRAFFIC SIGNS

Any traffic sign within the limits of construction, which interferes with construction operations, may be removed by the Contractor when authorized by the traffic sign City. Any traffic sign, which has been

removed, shall be re-erected immediately by the Contractor at the temporary location designated by the traffic sign City, and as soon as construction operations permit, the sign shall be set at its permanent location. The cost of all materials required and all labor necessary to comply with this provision will not be paid for separately, but shall be considered as incidental to the contract.

The Contractor shall replace at his own expense any traffic sign or post which has been damaged due to his operations.

Any traffic sign designated as critical by the traffic sign City shall not be disturbed and no additional compensation will be allowed the Contractor for any delays, inconvenience, or damage sustained by him due to any special construction methods required in prosecuting his work due to the existence of such traffic signs.

7-15 CONTRACTOR'S RESPONSIBILITY FOR WORK

The Work shall be under the control and care of the Contractor until final acceptance or use or occupancy by the City. The Contractor shall assume all responsibility for injury or damage to the Work by action of the elements or from any other cause whatsoever, and shall rebuild, repair, restore, and make good, at his expense, all injuries or damages to the Work, except that when the Work is opened to usage by written order of the City, the provisions of this article shall not apply to damage caused by such use and not due to the Contractor's fault or negligence.

When materials are furnished to the Contractor by the City for inclusion in the work, the Contractor's responsibility for handling and installation of all such materials shall be the same as for materials furnished by him.

In case of suspension of Work by the Contractor, the Contractor shall be responsible for the Work and shall take such precautions as may be necessary to prevent damage to the Work, provide for normal drainage and shall erect any necessary temporary structures, signs, or other facilities at his expense.

7-16 GUARANTEE PERIOD

The Contractor shall warrant all Work performed for a period of one (1) year from the date of final acceptance in writing by the Engineer. In case of acceptance of a part of the work for use or occupancy prior to final acceptance of the entire Work, the guarantee for the part so accepted shall be for a period of one year from the date of such partial acceptance, in writing, by the Engineer.

In placing orders for equipment, the Contractor shall purchase same only under a written guarantee from the respective manufacturers that the equipment supplied will function satisfactorily as an integral part of the completed Work in accordance with the Plans and Specifications, and that the manufacturer will repair or otherwise make good any defects in workmanship or materials which may develop within a period of one (1) year from the date of final acceptance. Furthermore, the Contractor shall require that the manufacturer agree in writing at the time the order for equipment is placed that he will be responsible for the proper functioning of the equipment in cooperation with the Contractor, and that whenever necessary during the installation period or tuning up period following construction period, the manufacturer will supply without additional cost to the City, such superintendence and mechanical labor

and any adjustments and additional parts and labor needed to make the equipment function satisfactorily, even if same was not shown on the approved shop drawings.

7-17 PERSONAL LIABILITY OF CITY'S AGENTS

In carrying out the provisions of this contract, or in exercising any power or authority granted to the City, there shall be no personal liability upon any officer or authorized agent of the City provided the City is a governmental body, it being understood that all such persons act as agents and representatives of the City.

7-18 NO WAIVER OF LEGAL RIGHTS

The City and the Engineer shall not be precluded by any measurement, estimate, or certificate made either before or after the completion and acceptance of the Work and payment therefor, from showing the true amount and character of the Work performed and materials furnished by the Contractor, or from showing that any such measurement, estimate, or certificate is untrue or incorrectly made, or that the Work or materials do not conform in fact to the Contract. The City shall not be precluded, notwithstanding any such measurement, estimate, or certificate and payment in accordance therewith, from recovering from the Contractor and his sureties such damages as if it may sustain by reason of his failure to comply with the terms of the Contract. Neither the acceptance by the City, nor any representative of the City, nor any payment for or acceptance of the whole or any part of the work, nor any extension of time, nor any possession taken by the City, shall operate as a waiver of any portion of the Contract, or of any power herein reserved, or any right to damages herein provided. A waiver of any breach of the Contract shall not be held to be a waiver of any other or subsequent breach.

7-19 SAFETY

Contractor shall comply with State and Federal Safety regulations as outlined in latest revision of Federal Construction Safety Standards (Series 1926) and with applicable provisions and regulation of Occupation Safety and Health Administration (OSHA) Standards of the Williams-Steiger Occupational Health and Safety Act of 1970 (rev.). The City or Engineer shall not be responsible for determining the Contractor's compliance with these regulations.

The Contractor is solely responsible for the safety procedures, programs and methods of its employees, subcontractors of every tier, and agents. Contractor shall hold the City and the Engineer harmless for any and all damages resulting from violations thereof.

7-20 USE OF PRIVATE LAND

The Contractor shall not use any vacant lot or private land as a plant site, depository for materials, or as a spoil site without the written authorization of the City of the land (or his agent), a copy of which authorization shall be filed with the City.

7-21 USE OF WATER

Contractors desiring to use water furnished by the City will be required to make application for extension to the proper authorities and conform to the rules and regulations provided in such cases by the municipal ordinances and pay the usual water rates.

7-22 COST OF SERVICES

The Contractor will be required to pay the established water rates for water obtained from the City. Large quantities of water for flushing trenches, filling mains, testing or other operations shall be drawn only at night or at times specifically authorized by the City.

The cost of all power, lighting and heating required during construction shall be paid by the Contractor and its costs merged in the contract price.

7-23 WORK IN BAD WEATHER

No construction work shall be done during stormy, freezing or inclement weather, except such as can be done satisfactorily, and to secure first-class construction throughout, and then only subject to permission of the City.

7-24 SUNDAY WORK

No work shall be performed under these specifications at night or on Sunday and legal holidays without the approval of the City. If it is found necessary to continue the work at night or on Sunday or on a legal holiday, the Contractor will be charged for the Engineering and observation at such times at the rate of Seven Hundred Fifty Dollars (\$750.00) per day of eight (8) working hours for each person doing such work on the job, and the amount will be deducted from money due to the Contractor at the time of settlement.

7-25 WATCHMEN

Watchmen are to be provided by the Contractor at the site of the project to prevent loss, damage to property, or accidents.

7-26 CONSTRUCTION DEBRIS

The Contractor shall not conduct any generation, transportation, or recycling of construction or demolition debris, clean or general or uncontaminated soil generated during construction, remodeling, repair, and demolition of utilities, structures, and roads that is not commingled with any waste, without the maintenance of documentation identifying the hauler, generator, place of origin of the debris or soil, the weight or volume of the debris or soil, and the location, City, and operator of the facility where the debris or soil was transferred, disposed, recycled or treated. This documentation must be maintained by the Contractor for 3 years.

7-27 SAMPLE INSURANCE CERTIFICATE

Email all Certificates to the City or designated Consultants

ACORD **CERTIFICATE OF LIABILITY INSURANCE** (4218 10/2017) (1)

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 POLICES 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(s) 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 favor of such endorsement(s).

INSURER: YOUR INSURANCE AGENT
INSURED: YOUR NAME AND ADDRESS

AGENCY/PRODUCER COVERAGE: []
AGENCY/PRODUCER COVERAGE: []
AGENCY/PRODUCER COVERAGE: []
AGENCY/PRODUCER COVERAGE: []
AGENCY/PRODUCER COVERAGE: []
AGENCY/PRODUCER COVERAGE: []

COVERAGES: **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTHING FORTHSAID ANY REQUISITE, 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 POLICES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

TYPE	DESCRIPTION	CLASSIFICATION	POLICY NUMBER	EFF DATE	EXP DATE	COVERAGE	LIMITS
<input checked="" type="checkbox"/>	GENERAL LIABILITY COMMERCIAL GENERAL LIABILITY CLASSIFICATION: []	<input checked="" type="checkbox"/> OCCUR	POLICY NUMBER	EFF DATE	EXP DATE	BODILY INJURY AND PROPERTY DAMAGE PRODUCTS AND COMPLETED OPERATIONS PERSONAL AND ADVERTISING AUTOMATIC DEFENSE COSTS PRODUCTS - COMPLETED OPERATIONS	\$ 1,000,000 \$ ANY LIMIT \$ ANY LIMIT \$ 1,000,000 \$ 2,000,000 \$ 2,000,000
<input checked="" type="checkbox"/>	AUTOMOBILE LIABILITY AUTO AND ALL OWNED VEHICLES OPERATING	<input checked="" type="checkbox"/> OCCUR	POLICY NUMBER	EFF DATE	EXP DATE	BODILY INJURY AND PROPERTY DAMAGE AUTOMATIC DEFENSE COSTS	\$ 1,000,000 \$ ANY LIMIT \$ ANY LIMIT
<input checked="" type="checkbox"/>	SHORELAND LIABILITY SHORELAND LIABILITY	<input checked="" type="checkbox"/> OCCUR	POLICY NUMBER	EFF DATE	EXP DATE	BODILY INJURY AND PROPERTY DAMAGE AUTOMATIC DEFENSE COSTS	\$ 5,000,000 \$ 5,000,000
<input checked="" type="checkbox"/>	EMPLOYERS LIABILITY EMPLOYERS LIABILITY EMPLOYERS LIABILITY	<input checked="" type="checkbox"/> N/A	POLICY NUMBER	EFF DATE	EXP DATE	BODILY INJURY AND PROPERTY DAMAGE AUTOMATIC DEFENSE COSTS	\$ 500,000 \$ 500,000 \$ 500,000
<input checked="" type="checkbox"/>	POLLUTION POLLUTION PROFESSIONAL		POLICY NUMBER	EFF DATE	EXP DATE	POLLUTION POLLUTION PROFESSIONAL	\$1,000,000/\$1,000,000 ACC \$1,000,000/\$1,000,000 ACC

CERTIFICATE HOLDER: OWNER
CANCELLATION: SHOULD ANY OF THE ABOVE DESCRIBED POLICES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE MUST BE FURNISHED IN ACCORDANCE WITH THE POLICY PROVISIONS.

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SECTION 8. PROSECUTION AND PROGRESS

8-1 SUBLETTING OR ASSIGNMENT OF CONTRACT

The Contractor shall not sublet, sell, transfer, assign, or otherwise dispose of the Contract or Contracts or any portion thereof, or of his right, title, or interest therein, without written consent of the City. In case such consent is given, the Contractor will be permitted to sublet a portion thereof, but shall perform with his own organization, Work amounting to not less than 50 per cent of the total Contract, except that any items designated in the Contract as "specialty items" may be performed by subcontract and may be deducted from the total Contract price before computing the amount of work required to be performed by the Contractor with his own organization. No subcontracts, or transfer of Contract, shall in any case release the Contractor of his liability under the Contract. All transactions of the City shall be with the Contractor; subcontractors shall be recognized only in the capacity of employees or workmen and shall be subject to the same requirements as to character and competence.

8-2 PROGRESS SCHEDULE

Promptly after the award of the contract, if requested, the Contractor shall submit to the City a satisfactory progress 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 days set up on the contract. The progress schedule shall be reviewed and revised periodically as working conditions warrant. The Contractor shall confer with the City in regard to the prosecution of the Work in accordance with this schedule. This schedule shall be used as a basis for establishing major construction operations, and for checking progress of the Work.

8-3 PRE-CONSTRUCTION CONFERENCE

Unless the need for a preconstruction conference is waived by the Engineer, the Contractor shall make himself and his representatives available to meet with the Engineer and other representatives of the City, prior to the start of construction to discuss scheduling, handling of materials, payments, etc.

8-4 PROSECUTION OF THE WORK

The Contractor shall begin the Work to be performed under the contract not later than ten (10) days after the execution and acceptance of the Contract, unless otherwise provided, but not prior to the execution of the Contract.

8-5 COMPLETION DATE

The Contractor shall complete all Work on or before the stipulated completion date, or on or before a later date determined as specified herein; otherwise, the City may proceed to collect liquidated damages described hereinafter.

When a delay occurs due to unforeseen causes beyond the control and without the fault or negligence of the Contractor, including, but not restricted to, acts of the public enemy, governmental acts, fires, floods, epidemics, strikes, extraordinary delays in delivery of materials caused by strikes, lockouts, wrecks, freight embargoes, governmental acts, or acts of God, the time of completion shall be extended in whatever amount is determined by the City.

An "Act of God" means an earthquake, flood, cloudburst, cyclone, or other cataclysmic phenomena of nature beyond the power of the Contractor to foresee or make preparation in defense against. A rain, windstorm or other natural phenomenon of normal intensity, based on U.S. Weather Bureau reports, for the particular locality and for the particular season of the year in which the work is being prosecuted, shall not be construed as an "Act of God", and no extension of time will be granted for the delays resulting therefrom.

8-6 LIMITATIONS OF OPERATIONS

The Contractor shall conduct his work so as to create a minimum amount of inconvenience to vehicular and pedestrian traffic. At any time when, in the judgment of the City, the Contractor has obstructed or closed the road or is carrying on operations on a greater portion of a street than is necessary for the proper prosecution of the Work, the City may require the Contractor to finish the section on which Work is in progress before the Work is started on any additional section. (See also Section 7-7).

8-7 SUSPENSION OF WORK

The City shall have authority to suspend the Work wholly or in part, for such period of time as he may deem necessary, due to conditions unfavorable for the satisfactory prosecution of the Work, or to conditions which in his opinion warrant such action; or for such time as is necessary by reason of failure on the part of the Contractor to carry out orders given, or to perform any or all provisions of the Contract. No additional compensation will be paid the Contractor because of any costs caused by such suspension, except when the suspension is ordered for reasons not resulting from any act or omission on the part of the Contractor. If it becomes necessary to stop Work for an indefinite period of time, the Contractor shall store all material in such manner that they will not obstruct or impede the traveling public unnecessarily or become damaged in any way, take every precaution to prevent damage or deterioration of the Work performed, provided suitable drainage of the roadway, and erect temporary structures where necessary. The Contractor shall not suspend Work without written authority from the City. (See also Section 7-15).

8-8 DETERMINATION AND EXTENSION OF CONTRACT TIME FOR COMPLETION

When the time for completion of the Work contemplated is specified in the Contract, it is understood that the completion of the Work within the time specified is an essential part of the Contract. If the Contractor finds it impossible to complete the Work within the time specified in the Contract, he may, at any time prior to the last thirty (30) days of the Contract time specified, make written request to the City for an extension of Contract time. He shall set forth in full in his request the reasons, which he believes justify the granting of his request. If the City finds that the Work is delayed because of conditions beyond the control of the Contractor, or that the quantities of work done, or to be done, are in excess, he shall promptly grant an extension of time for completion, which appears reasonable and proper. The extended time for completion shall then be considered as in effect the same as if it were the original Contract time for completion.

8-9 FAILURE TO COMPLETE THE WORK ON TIME

Should the Contractor fail to complete the Work within the Contract time the Contractor shall be liable to the City in the amount shown in the following schedule of deductions, as liquidated damages, and not

as a penalty, for each day of overrun in the Contract time or such extended time as may have been allowed.

**SCHEDULE OF DEDUCTIONS FOR
EACH DAY OF OVERRUN IN
CONTRACT TIME**

Original Contract Amount		Daily Charge	
From more than	To and Including	Calendar Day	Work Day
\$ 0	100,000	\$ 475	\$ 675
100,000	500,000	750	1,050
500,000	1,000,000	1,025	1,425
1,000,000	3,000,000	1,275	1,725
3,000,000	6,000,000	1,425	2,000
6,000,000	12,000,000	2,300	3,450
12,000,000	And over	5,800	8,125

8-10 DEFAULT ON CONTRACT

If the Contractor fails to begin the Work under Contract within the time specified, or fails to perform the Work with sufficient workmen and equipment or with sufficient materials to insure the completion of said Work within the Contract time, or shall perform the Work unsuitable, or shall neglect or refuse to remove materials or perform anew such Work as shall be rejected as defective and unsuitable, or shall discontinue the prosecution of the Work, or if the Contractor shall become insolvent or be declared bankrupt, or shall commit any act of bankruptcy or insolvency, or shall make an assignment for the benefit of creditors, the City shall give notice in writing to the Contractor and his surety of such delinquency, said notice to specify the corrective measures required.

If the Contractor, within a period of ten (10) days after said notice, shall not proceed in accordance therewith, the City shall have full power and authority to forfeit the rights of the Contractor and at its option to call upon the surety to complete the Work in accordance with the terms of the contract, or it may take over the Work, including any or all materials and equipment on the ground as may be suitable and acceptable, and may complete the Work with his own forces, or may enter into a new agreement for the completion of said Contract according to the terms and provisions thereof, or use such other methods as, in its opinion, shall be required for the completion of said Contract in an acceptable manner.

All costs and charges incurred by the City, together with the cost of completing the work under Contract, shall be deducted from the Contract amount. In case the expense so incurred by the City shall be less than the sum which would have been payable under the Contract if it had been completed by the Contractor, the Contractor shall be entitled to receive the difference subject to any claims for liens thereon in case such expense shall exceed the sum which would have been payable under the Contract, the Contractor and the surety shall be liable and shall pay to the City the amount of such excess.

8-11 TERMINATION OF THE CONTRACTOR'S RESPONSIBILITY

Whenever the Work called for by the Contract shall have been completely performed on the part of the Contractor and all parts of the Work have been approved and deemed to be in compliance with the Technical Plans and Specifications by the Engineer, according to the Contract, and the final estimate paid, the Contractor's obligations shall be considered fulfilled, except as set forth in his Bond, in Section 7-18 and his one-year guarantee, in Section 7-16.

SECTION 9. MEASUREMENT AND PAYMENT

9-1 MEASUREMENT OF QUANTITIES

All Work completed under the Contract will be measured by the Engineer according to United States Standard Measures. The method of measurement shall be described in the Specifications or the Special Provisions.

9-2 SCOPE OF PAYMENT

The Contractor shall receive and accept the compensation as herein provided, in full payment for furnishing all materials, labor, tools and equipment; for performing all Work contemplated and embraced under the Contract; for all loss or damage arising out of the nature of the Work or from action of the elements; for any unforeseen difficulties or obstructions which may arise or be encountered during the prosecution of the Work until its final acceptance by the City; for all risks of every description connected with the prosecution of the Work; also, for all such expenses incurred by or in consequence of suspension or discontinuance of such prosecution of the work as herein specified, or for any infringement of patents, trademarks, or copyrights, and for completing the Work in an acceptable manner according to the Contract Documents.

Contractor will be paid in cash and/or negotiable warrants at intervals, and in accord with the terms of the Contract. Except for subdivision contracts, the City will retain ten percent (10%) of each periodic payment until final completion and acceptance by the City of all Work included in the Contract.

The payment of any current estimate prior to final acceptance of the Work by the City shall in no way constitute an acknowledgment of the acceptance of the Work, nor in any way prejudice or affect the obligation of the Contractor, at his expense, to repair, correct, renew, or replace any defects or imperfections in the construction or in the strength or quality of the materials used in or about the construction of the Work under Contract and its appurtenances, nor any damage due or attributable to such defects, which defects, imperfections, or damage shall have been discovered on or before the final inspection and acceptance of the Work. Defects, imperfections, or damage, shall be determined by the Engineer observing the work for compliance with the Plans and Specifications, and the Contractor shall be liable to the City for failure to correct the same as provided herein.

9-3 INCREASED OR DECREASED QUANTITIES

Whenever the quantity of any item of Work as given in the Proposal shall be increased or decreased, payment shall be made on the basis of the actual quantity completed at the unit price for such item named in the Proposal, except as otherwise provided in Sections 4-3 or in the detailed specifications for each class of Work.

9-4 PAYMENT FOR EXTRA WORK

Extra Work which results from any of the changes as specified in Section 4-3 shall not be started, except in case of an emergency, until receipt of a written authorization or Work order from the City, which authorization shall state the items of work to be performed and the method of payment for each item. Work performed without such order will not be paid for.

Extra work will be paid for:

- A. Either at a lump sum price or at unit prices agreed upon by the Contractor and the City. (In case a Supplemental Agreement is signed between the Contractor and the City, the agreed prices pertaining thereto shall prevail).

- B. If acceptable to the Engineer, on the following force account basis:
 - 1. Labor. The Contractor will be paid the actual amount of wages for all labor and foreman in direct charge of the specific Work for each hour that said labor and foreman are actually engaged in such Work, to which cost shall be added twenty percent (20%) of the sum thereof.

 - 2. Bond, Insurance, Tax, Welfare Fund and other Payments. The Contractor will receive the actual cost of Contractor's bond, public liability and property damage insurance, workmen's compensation insurance, social security tax, welfare fund and other payments, if any, in accordance with agreements applicable to the Contract, required for force account work, to which no percentage shall be added. The Contractor shall furnish satisfactory evidence of the rate or rates paid for such bond, insurance tax, welfare fund and other payments.

 - 3. Materials. The Contractor will receive the actual cost for all materials which are an integral part of the finished Work, including freight charges as shown by the original receipted bills, to which shall be added fifteen percent (15%) of the sum thereof.

The Contractor will be reimbursed for any materials used in the construction of the Work, such as sheeting, false work, form lumber, curing materials, etc., which are not an integral part of the finished Work. The amount of reimbursement shall be agreed upon in writing before such Work is begun, and no percent shall be added. The salvage value of such materials shall be taken into consideration in the reimbursement agreed upon.

 - 4. Equipment. Machinery and equipment, which the Contractor has on the job for use on contract items, shall be used on extra Work as deemed necessary or desirable. The Contractor will be paid for all machinery and equipment used on extra work in accordance with the latest revision of "SCHEDULE OF AVERAGE ANNUAL EQUIPMENT CITYSHIP EXPENSE WITH OPERATING COST" as issued by the Department of Transportation, State of Illinois, for the period that said machinery and equipment are in use on such Work, to which no percent shall be added. In the event that

equipment is used which is not included in aforesaid publication, the latest edition of the "Compilation of Nationally Averaged Rental Rates for Construction Equipment" compiled by Equipment Distributors, 615

West 22nd Street, Oak Brook, Illinois 60521, shall be used to determine equipment rental rates and no percent shall be added to the rates indicated in such publication.

9-5 PAYMENT FOR SUBCONTRACTING, EXTRA WORK

Where an authorized subcontractor performs some or all of the Work qualifying as an Extra Work item and compensation is to be based on the terms of paragraph 9-4 (2), the cost of labor, bonds, material and equipment shall be the cost to the subcontractor on these items and an additional allowance to the prime Contractor of five percent (5%) of all costs as determined in paragraph 9-4 (2) shall be made in such instances.

9-6 PARTIAL PAYMENTS

Once each month, the Contractor will make an approximate estimate, in writing, of the materials in place complete, the amount of Work performed, and the value thereof, at the contract unit prices. From the amount so determined of completed work there shall be deducted ten percent (10%) to be retained until after the completion of the entire Work to the satisfaction of the City, and the balance certified to the City for payment.

In addition, an estimate may, at the discretion of the City and upon presentation of receipted bills and freight bills, be made for payment of the value of acceptable non-perishable materials delivered at the Work site or in acceptable storage places and not used at the time of such estimate. The care and storage of such material shall be the Contractor's responsibility. In the absence of receipted bills, an estimate may, at the request of the Contractor and at the discretion of the City, be made for payment of the value of materials in acceptable storage places and not used at the time of the estimate, but in such an event payment shall be made of such amounts by a check requiring the endorsement of both the Contractor and materials supplier. Endorsement of such a check by the material supplier shall be construed a waiver of lien for the cost of materials covered by the check. Such materials, when so paid for by the City, shall become the property of the City, and in the event of default on the part of the Contractor, the City may use or cause to be used such materials in the construction of the Work provided for in the Contract. The amount thus paid by the City shall be deducted from estimates due the Contractor as the material is used in the Work.

9-7 ACCEPTANCE AND FINAL PAYMENT

Whenever the Work provided for by the Contract shall have been completely performed on the part of the Contractor, and all parts of the Work have been deemed to be in substantial compliance with the Plans and Specifications by the Engineer and accepted by the City, a final estimate showing the value of the Work will be prepared by the Engineer as soon as the necessary measurements and computations can be made, all prior estimates upon which payments have been made being approximate only and subject to correction in the final payment. The amount of this estimate, less any sums that have been deducted or retained under the provisions of the Contract, will be paid to the Contractor as soon as practicable after the final acceptance, provided the Contractor has furnished to the City satisfactory evidence that all sums of money due for any labor, materials, apparatus, fixtures, or machinery furnished for the

purpose of such Work have been paid or that the person or persons to whom the same may be due have consented to such final payment.

Neither the final payment on this contract by the City nor any provisions in the contract documents shall relieve the Contractor of the responsibility for negligence in the furnishing and installation of faulty materials or for faulty workmanship which shows up within the extent and period provided by law or within the guarantee period of one (1) year from final acceptance of the work performed under this Contract, whichever is greater, nor of the responsibility of remedying such faulty workmanship and materials.

The acceptance by the Contractor of the final payment shall constitute a release and waiver of all claims by the Contractor except those previously made and still unsettled.

9-8 CITY'S RIGHT TO WITHHOLD CERTAIN AMOUNTS

The City may withhold, in addition to retained percentages, from payment to the Contractor, such an amount or amounts as may be necessary to cover:

- A. Payments that may be earned or due for just claims for labor and materials furnished in and about the Work.
- B. For defective Work not remedied.
- C. For failure of the Contractor to make proper payments to his subcontractors.
- D. For reasonable doubt that the contract can be completed for the balance then unpaid.

The City will disburse and shall have the right to act as agent for the Contractor in disbursing such funds as have been withheld pursuant to this paragraph to the party or parties who are entitled to payment therefrom. The City will render to the Contractor a proper accounting of all such funds disbursed on behalf of the Contractor.

The City also reserves the right, even after full completion and acceptance of the Work, to refuse payment of the final ten percent (10%) due the Contractor, until it is satisfied that all subcontractors, material suppliers, and employees of the Contractor have been paid in full.

9-9 RELEASE OF CLAIMS AND LIENS

Neither the final payment nor any part of the retained percentage shall become due until the Contractor shall deliver to the City a complete release of all claims or liens arising out of this contract, or receipts in full in lieu thereof and, if required in either case, an affidavit that so far as he has knowledge or information the release and receipts include all the labor and materials for which a lien or claim could be filed; but the Contractor may, if a subcontractor refuses to furnish a release or receipt in full, furnish a bond satisfactory to the City to indemnify the City against any claim or lien (in cases where such payment is not already guaranteed by surety bond). If any claim or lien remains unsatisfied after all payments are made, the Contractor shall refund to the City all monies that the latter may be compelled to pay in discharging such a lien, including all costs and a reasonable attorney's fee.



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**GEOTECHNICAL EXPLORATION/FEASIBILITY STUDY AND PAVEMENT
THICKNESS DETERMINATION REPORT FOR
Street Improvements at
Inner Circle Street, Hosmer Lane and Rahill Court in
Crest Hill, Illinois**

PROJECT NUMBER 2025-1301-01G

Prepared For

**Mr. Jason Holy
V3 Companies
7325 Janes Avenue
Woodridge, IL 60517**



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Mr. Jason Holy
V3 Companies
7325 Janes Avenue
Woodridge, IL 60517

Date: 01/28/2025

RE: Geotechnical Exploration/Feasibility Study and Pavement Thickness
Determination Report for Street Improvements at Inner Circle Street, Hosmer
Lane & Rahill Court in Crest Hill, IL

Dear Mr. Holy:

Following your written authorization on December 19, 2024, of our proposal dated December 18, 2024; we have completed this geotechnical exploration. Enclosed you will find the results of our field exploration, related laboratory testing, and geotechnical report. This report is the instrument of service defined in our proposal; we are also submitting electronic copies.

We have enjoyed working with you on this phase of the project. Should you have any questions or if we can be of further assistance, please do not hesitate to contact us.

Sincerely,
NASHnal Soil Testing, LLC

Umar T. Ahmad, PE
Registered Professional Engineer, Illinois
Registration # 062-055148



Expires 11/30/2025



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GEOTECHNICAL EXPLORATION/FEASIBILITY STUDY AND PAVEMENT THICKNESS DETERMINATION REPORT FOR Street Improvements at Inner Circle Street, Hosmer Lane and Rahill Court in Crest Hill, Illinois

PROJECT NUMBER 2025-1301-01G

INTRODUCTION 1
SCOPE OF SERVICES 1
FIELD EXPLORATION PROCEDURES 2
LABORATORY TESTING AND CLASSIFICATION 2
SITE CONDITIONS 3
Topography/Surface Features 3
Soil Conditions 3
Street Improvements 3
Groundwater Conditions 4
REVIEW AND RECOMMENDATIONS 5
Discussion 5
Site Preparation 5
Flexible, Rigid and Permeable Pavement 6
CONSTRUCTION CONSIDERATIONS 6
Groundwater 6
Equipment Selection/Soil Disturbance 6
Winter Construction 7
Construction Safety 7
Field Observation and Testing 7
GENERAL QUALIFICATIONS 8
STANDARD OF CARE 8
APPENDIX 9



INTRODUCTION

It is our understanding that you are planning to improve Inner Circle Street , Hosmer Lane and Rahill Court in Crest Hill, Illinois.

At the time of our initial site visit, the area consisted of existing paved roadways/Streets. The topography of the site was observed to be relatively sloping towards the east and north with surface elevations ranging from 622.00 to 648.00 between our borings. Elevations were assigned based on GPS coordinates and Google Earth. We strongly recommend that your project surveyor tie these elevations to National Geodetic Vertical Datum.

The design traffic count is not available for us to review at this time. To evaluate the subsurface soil profile for the client requested to drill four (4) soil borings, to a depth of 6.0 feet BEG, sample every 2.5 feet to 6 feet depth between STA 202+95 to STA 321+80. Additionally, NST was instructed to obtain pavement cores at the four (4) boring locations along with additional five (5) pavement cores at STA 101+90 (Hosmer Lane), STA 208+50 (Inner Circle Street) , STA 500+15 (Rahill Court), STA 303+00 (Inner Circle Street), and STA 314+60 (Inner Circle Street) to determine pavement sections.

Based upon our findings in this subsurface investigation, we believe that the major limiting geotechnical concerns present in the profile are 2.0 feet of fill in borings SB-1, SB-3, 2.5 feet of fill in SB-2 and fill and high moisture organic topsoil throughout the entire boring depth in SB-4.

SCOPE OF SERVICES

The purpose of this report is to describe the soil and groundwater conditions encountered in our geotechnical exploration, review and evaluate these conditions with respect to the proposed project and present our recommendations for feasible methods for subgrade support and earthwork design and construction. Our scope of services for this project, as outlined in our proposal, is limited to the following elements.

1. Exploration of the subsurface soil by drilling and sampling four (4) soil borings extending to a depth of 6.0 feet BEG for the street improvement and retrieving bituminous cores to determine the pavement thickness.
2. Laboratory testing of selected samples for index classification and strength purposes and visual/manual classification of all recovered samples.
3. Development of Geotechnical recommendations, and preparation of this report presenting our findings, evaluations, and recommendations.
4. Test pH of soil samples at Borings SB-1, SB-2, SB-3 & SB-4 between 1 & 6 feet BEG.



FIELD EXPLORATION PROCEDURES

A total of four (4) soil borings extending to a depth of 6 feet each below existing grade (BEG) were drilled along with five (5) asphalt pavement cores were drilled. The drilled soil boring locations are shown on the enclosed Plates 2 (Boring Location Diagram). The client specified the number depth and the location of the borings and cores.

The borings were drilled with a truck mounted Geoprobe drill rig, using hollow stem augers to advance the borehole. The soil sampling was performed in accordance with the split-barrel procedure (ASTM: D 1586) with an automatic hammer, and in-situ undisturbed samples were retrieved using a split spoon sampler. The crew prepared field logs noting the drilling and sampling methods along with Standard Penetration Test values (N-values, "blows per foot"), observed groundwater levels, and preliminary soil classifications. Representative samples of the recovered soils were placed in sealed jars to reduce moisture loss before being submitted to our laboratory for examination, testing, and final classification by a Geotechnical Engineer.

If present, groundwater levels in the boreholes were measured during and after drilling. The levels of any encountered water are noted on the respective logs. The observed groundwater levels are discussed under the "Groundwater Conditions" section of this report. The drill crew backfilled the boreholes with soil cuttings after completing the groundwater measurements.

LABORATORY TESTING AND CLASSIFICATION

A Geotechnical Engineer initiated the laboratory classification program by examining each sample to determine the major and minor components, while also noting the color, degree of saturation, and lenses or seams found in the samples. The Engineer directed that selected samples be tested for moisture content and unconfined compressive strength (by hand penetrometer). The test results are shown on the respective logs in the Appendix.

The Geotechnical Engineer visually/manually classified the soils on the basis of texture and plasticity in accordance with the Unified Soil Classification System (USCS). The capital letters in parentheses following the written soil descriptions on the boring logs are estimated group symbols based on this system. A chart describing the properties of the groups under this system is also included in the Appendix. After the classification, the Geotechnical Engineer grouped the soils by type into the strata shown on the boring logs. The stratification lines shown are approximate, *in situ*, as the transition between soil types may be abrupt or gradual in both the horizontal and vertical directions.

Soil samples will be retained for ninety (90) days after the date of this report. Please notify us if there is a desire to have the samples retained beyond this period; otherwise, the samples will be discarded.



SITE CONDITIONS

Topography/Surface Features

At the time of our initial site visit, the area consisted of existing paved roadways/Streets. The topography of the site was observed to be relatively sloping towards the east and north with surface elevations ranging from 622.00 to 648.00 between our borings. Elevations were assigned based on GPS coordinates and Google Earth. We strongly recommend that your project surveyor tie these elevations to National Geodetic Vertical Datum.

Soil Conditions

The soils encountered are shown on the borehole log in the Appendix of this report. The soil characteristics have been established only at specific boring locations and under the environmental conditions at the time of our field exploration. Variations in the soil stratigraphy, compressive strength of the soil, and moisture content were encountered; and additional variations probably exist between and around the borings. The nature and extent of these variations would not become evident until exposed by construction excavation.

In general, underlying the surficial silty clay topsoil and fill soils, the site is predominately formed of very stiff lean clay (SB-1 & SB-3), loose, wet sand and gravel (SB-2) and moist to wet organic clay topsoil (SB-4). The soil profile described below is a generalized description of the conditions encountered at the boring location. The borehole log should be referred to for more specific information.

NST crew collected four (4) soil samples from all four (4) borings between 1 & 6 feet below existing grade and tested for pH values by a NELAP certified laboratory. Test results show a pH value of 8.8, 7.9, 8.7, and 8.9 respectively. See Appendix.

Street Improvement:

In boring SB-1, approximately 4 inches of asphalt and 6 inches of sand and gravel aggregate base were noted at the surface followed by firm, dark brown sandy clay fill (FILL) to an approximate depth of 2.0 feet below BEG. Underlying the dark brown sandy clay fill (FILL), very stiff, light brown and brownish gray lean clay (CL) was encountered to the boring termination depth of 6.0 feet BEG. No free groundwater was encountered during or after drilling.

In boring SB-2, approximately 5 inches of asphalt and 4 inches of sand and gravel aggregate base were noted at the surface followed by firm, dark brown sandy clay fill (FILL) to an approximate depth of 2.5 feet below BEG. Underlying the dark brown sandy clay fill (FILL), loose, wet gravel and sand (GP-GW) was encountered to an approximate depth of 5.0 feet BEG followed by very stiff, dark brown lean clay (CL) was encountered to the boring termination depth of 6.0 feet BEG. No free groundwater was encountered during or after drilling.



In boring SB-3, approximately 6 inches of asphalt and 10 inches of aggregate base were noted at the surface followed by firm, dark brown sandy clay fill (FILL) to an approximate depth of 2.0 feet below BEG. Underlying the dark brown sandy clay fill (FILL), stiff to very stiff, dark brown lean clay (CL) was encountered to the boring termination depth of 6.0 feet BEG. No free groundwater was encountered during or after drilling.

In boring SB-4, approximately 7 inches of asphalt and 13 inches of aggregate base were noted at the surface followed by firm, dark brown clayey sand and gravel fill (FILL) to an approximate depth of 2.0 feet below BEG. Underlying the dark brown clayey sand and gravel fill (FILL), stiff to very stiff, black topsoil (TS) was encountered to the boring termination depth of 6.0 feet BEG. No free groundwater was encountered during or after drilling.

The stiff to hard consistency of silty clay was exhibited by calibrated pocket penetrometer resistance (PPR) values of 0.5 ton per square foot (tsf) to 3.0 tsf. Natural moisture content in silty clay was tested to be ranging from 16.1 to 35.2 percent.

Groundwater Conditions

Groundwater level observations were made during and upon completion of drilling. No groundwater was encountered during or after drilling at all borings.

It should be noted that groundwater levels are subject to seasonal and long-term variations in response to climatic conditions and man-made influences. Groundwater levels particularly in less permeable cohesive soils (clay) like those found at the site occasionally, may not have had adequate time to stabilize prior to backfilling the boreholes. The hydrostatic groundwater level and any perched water levels will vary in elevation seasonally and annually depending on local amounts of precipitation, evaporation, surface-runoff, infiltration, and land use. If detailed information about the groundwater levels is required, we recommend installing piezometers or monitoring wells to permit long-term observation of the groundwater levels and the fluctuations in these levels.

Brown and gray coloration is typically an indication of a semi-permanent groundwater table. The brown and gray coloration of clay soils is indicative of oxidation whereas the gray coloration is indicative of a lack of oxidation which tends to occur below the lowest level of groundwater.



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Street Improvements at Inner Circle St., Hosmer Ln. & Rahill Ct. in
Crest Hill, IL
Project Number 2025-1301-01G
January 28, 2025

REVIEW AND RECOMMENDATIONS

Discussion

Based upon our analysis of the soil conditions, limited laboratory analysis, and the available project information, the following recommendations were developed. If the project characteristics are changed from those assumed herein, our recommendations should be reviewed to see whether any modifications are needed. The soil conditions that were found will permit the use of this area for the proposed construction with recommended upgrading of the existing soil where needed.

Site Preparation

Prior to any construction, soils within the proposed roadway improvements (if found unsuitable) especially in the vicinity of boring SB-4, should be upgraded to carry the design traffic loads. All existing topsoil and/or any other unsuitable fill materials, along with organic clays should be re-evaluated or removed below the design elevation. Voids created in doing this should be backfilled with select compacted granular fill. All existing utilities/structures (if encountered) should also be properly removed, and trenches should be backfilled with compacted granular fill.

The exposed, naturally occurring subgrade soil should be observed and tested by a Geotechnical Engineer or an experienced Materials Technician from **NASHnal Soil Testing, LLC** office to identify the unsuitable soils. The subgrade soil should be carefully observed & proof-rolled, and any unsuitable or unstable materials should be removed from the pavement subgrade areas, especially around the area of SB-4. If perched water is encountered or if rain or snowfall occurs, dewatering may be required in these areas when exposed or if subjected to any other form of water infiltration that would saturate the area.

To backfill the over-excavated areas if any under the roadway, we recommend using imported granular material meeting the gradation requirements of IDOT CA-6. Clayey soils can also be used as backfill, however, it is difficult to compact clayey soils in the narrow trenches in order to achieve the project specifications.

Granular fill meeting the CA-6 gradation specifications should be placed in 8 to 10-inch loose lifts and compacted to at least 95% of the maximum Modified Proctor dry density (ASTM: D 1557). If used, clayey materials should be placed in 6 to 8-inch loose lifts and compacted to at least 95% of the maximum Modified Proctor dry density (ASTM: D 1557) or 98% of the maximum Standard Proctor dry density (ASTM: D 698). Please refer to the notes in the report Appendix concerning placement of compacted fill soils.



Flexible, Rigid and Permeable Pavement

The pavement design calculation was not part of NST's scope, however, based upon the minimal traffic information provided by the client and the field core thicknesses retrieved from the locations for this phase of inspection, it is our professional opinion in general, that bituminous, rigid and permeable pavement can be constructed.

If permeable pavers are used, we recommend creating finger drains below the stone layers to drain the water away from the porous subgrade stone as in general the soil layer below recommended stone will not absorb much water as it is carrying high moisture content as it exists.

CONSTRUCTION CONSIDERATIONS

Groundwater

Based on the conditions found in the borings, groundwater is not expected during the excavation for footings or during the soil improvement process. Any water, which enters excavations from perched groundwater seepage, surface run-off, or direct precipitation, must be promptly pumped out. Water must not be allowed to pond on the subgrade soils since it could soften and disturb them. The contractor should be prepared to handle both surface and groundwater encountered during the construction. The contractor shall plan an appropriate dewatering scheme so that all construction activities are performed in dry and stable conditions, especially to avoid potential post construction settlement in sandy materials with shallow groundwater.

Structural fill and pavement should not be placed in standing water or on wet or disturbed soils. Placing fill, asphalt, or concrete into standing water or over disturbed soil can trap softened soil under the structure and lead to excessive post-construction settlement/cracking & rutting, even if the softened zone is only a few inches thick.

Equipment Selection/Soil Disturbance

The soil types at this site, particularly the silty clays when they are saturated or during freeze/thaw conditions, could be disturbed by construction equipment. It is the contractor's responsibility to choose equipment and work procedures, which will not unduly disturb the subgrade soils in the construction and landscaped areas. The contractor should also route construction traffic away from areas of planned pavement and slabs, to minimize soil disturbance.

If the equipment that is chosen causes rutting or pumping of the soil, it is the contractor's responsibility to switch to other types of equipment. The responsibility to properly select construction equipment to avoid disturbing soil on the site lies solely with the contractor. A note to this effect should be included in the project specifications.



Winter Construction

If the construction of this project begins or extends into the winter, the contractors must take special precautions. Only unfrozen fill and backfill should be used, and contractors may charge extra for importing unfrozen soil or keeping stockpiles of backfill from freezing. Clay soil will be especially difficult to work with under cold wet and/or freezing conditions. Placement of fill and/or asphalt/concrete must not be permitted on frozen soil, and the bearing soils or subgrade should not be allowed to freeze after the concrete is placed. All footing excavations should be protected from freezing conditions and maintained free of ponded water before asphalt/concrete placement. The footings should be cast as soon as possible after excavation is prepared and backfilled as soon as possible after the concrete has attained its strength.

Construction Safety

All excavations must comply with the requirements of OSHA 29 CFR, Part 1926, Subpart P "Excavations and Trenches." This document states that excavation safety is solely the responsibility of the contractor; the determination of SAFE slopes for excavation and trenches is to be made by the contractor's "competent person." Reference to this OSHA requirement should be included in the job specifications. The temporary excavation slopes greater than 5 feet in depth should conform to OSHA regulations. In general, such slopes should not be steeper than 1.5 horizontal to 1 vertical (OSHA Soil Type C), unless shoring is used.

The responsibility to provide safe working conditions on this site for earthwork, construction, or any associated operations, is not borne in any manner by NASHnal Soil Testing, LLC.

Field Observation and Testing

Proper observation and testing during the construction phase of this project is an integral part of our recommendations. On-site observation during site preparation, fill placement, compaction, and footing construction, should be done by qualified personnel from **OUR** office. Exposed soils in excavations for backfill should be tested by means of hand auguring, and with a Dynamic Cone Penetrometer (DCP) in sandy soils or a Static Cone Penetrometer (SCP) in clayey soils.

Proposed fill materials should be submitted to our lab for Proctor compaction tests, and tests to check compliance with our recommendations and project specifications. A representative number of field density tests should be taken in compacted fill to aid in judging its suitability. The building materials should be tested in accordance with the project specifications. We would be pleased to provide the testing services for this project.



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Street Improvements at Inner Circle St., Hosmer Ln. & Rahill Ct. in
Crest Hill, IL
Project Number 2025-1301-01G
January 28, 2025

GENERAL QUALIFICATIONS

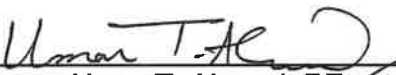
This report has been prepared based on the soil and groundwater conditions found in our borings and on the design data that you have related to us. This report is intended solely for this project at the specific locations identified in the Introduction and Scope of Services. If there are any changes in size, scope, elevation, structural loads, location, use or nature of the structure from those discussed in the introduction of this report, or if our understanding of the project is incorrect or incomplete, we should be given the opportunity to review or modify our recommendations. If changes are made in the design and we are not given the opportunity to review these changes relative to our recommendations and to respond in writing, or we are not provided the opportunity to confirm the soil conditions are as expressed in this report during the construction of this project, our recommendations will not be considered valid. No specific efforts were performed to determine the thickness of the topsoil layer, the topsoil thickness given in our logs is an estimate. If the true thickness of topsoil is required, we recommend that numerous detailed hand augur probes be performed throughout this parcel.

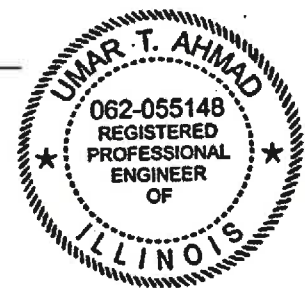
For this geotechnical exploration, we drilled four (4) soil borings in the specified areas. Variations in the subsurface conditions may be found during construction, and it is probable that additional variations exist on the site that cannot be determined from our boring or the site reconnaissance. These variations, which could include greater or shallower depths of unsuitable soils than found at our borings, would not become apparent until the excavation is started. No warranty, express or implied, is presented in this report with respect to the soil and groundwater conditions on this site.

STANDARD OF CARE

The recommendations and opinions contained in this report are based on our interpretation of the subsurface conditions and represent our professional judgment. These judgments were determined in accordance with currently accepted engineering practices at this time and location, by professionals working under similar time and budget constraints. No other warranty is implied or intended.

Prepared by:


Umar T. Ahmad, PE
Registered Professional Engineer, Illinois
Registration # 062-055148



Expires 11/30/2025



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Street Improvements at Inner Circle St., Hosmer Ln. & Rahill Ct. in
Crest Hill, IL
Project Number 2025-1301-01G
January 28, 2025

APPENDIX

SITE LOCATION DIAGRAM (Plate No. 1)

BORING LOCATION DIAGRAMS (Plate No. 2)

BORING LOGS (Plate No. 3 to 6)

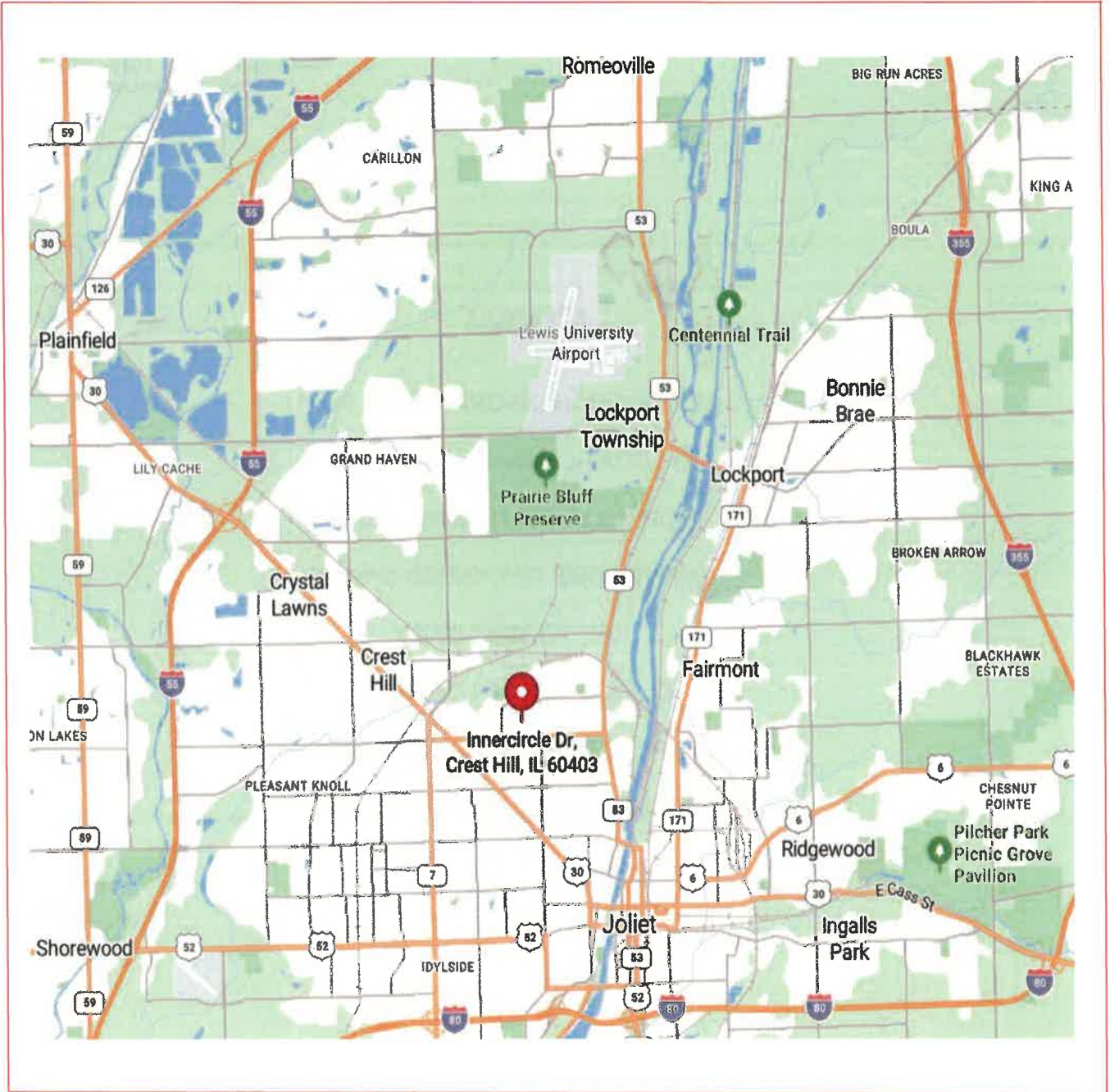
PAVEMENT CORE THICKNESS (Plate No. 7)

KEY TO TEST DATA

CLASSIFICATION OF SOILS

NOTES ON PLACEMENT OF COMPACTED FILL

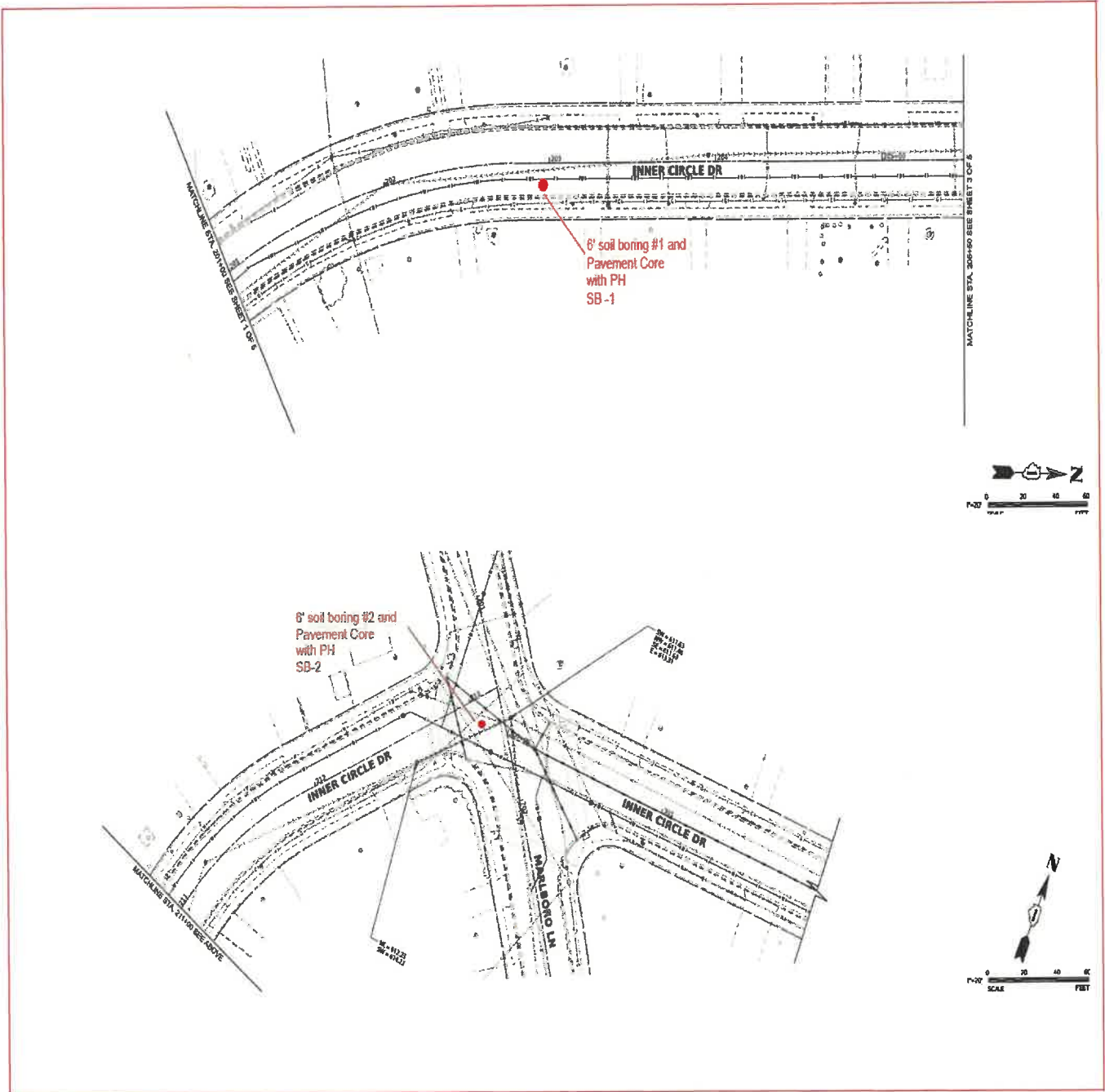
pH RESULTS BY NELAP LABORATORY



2025-1301-01G

Plate No. 1

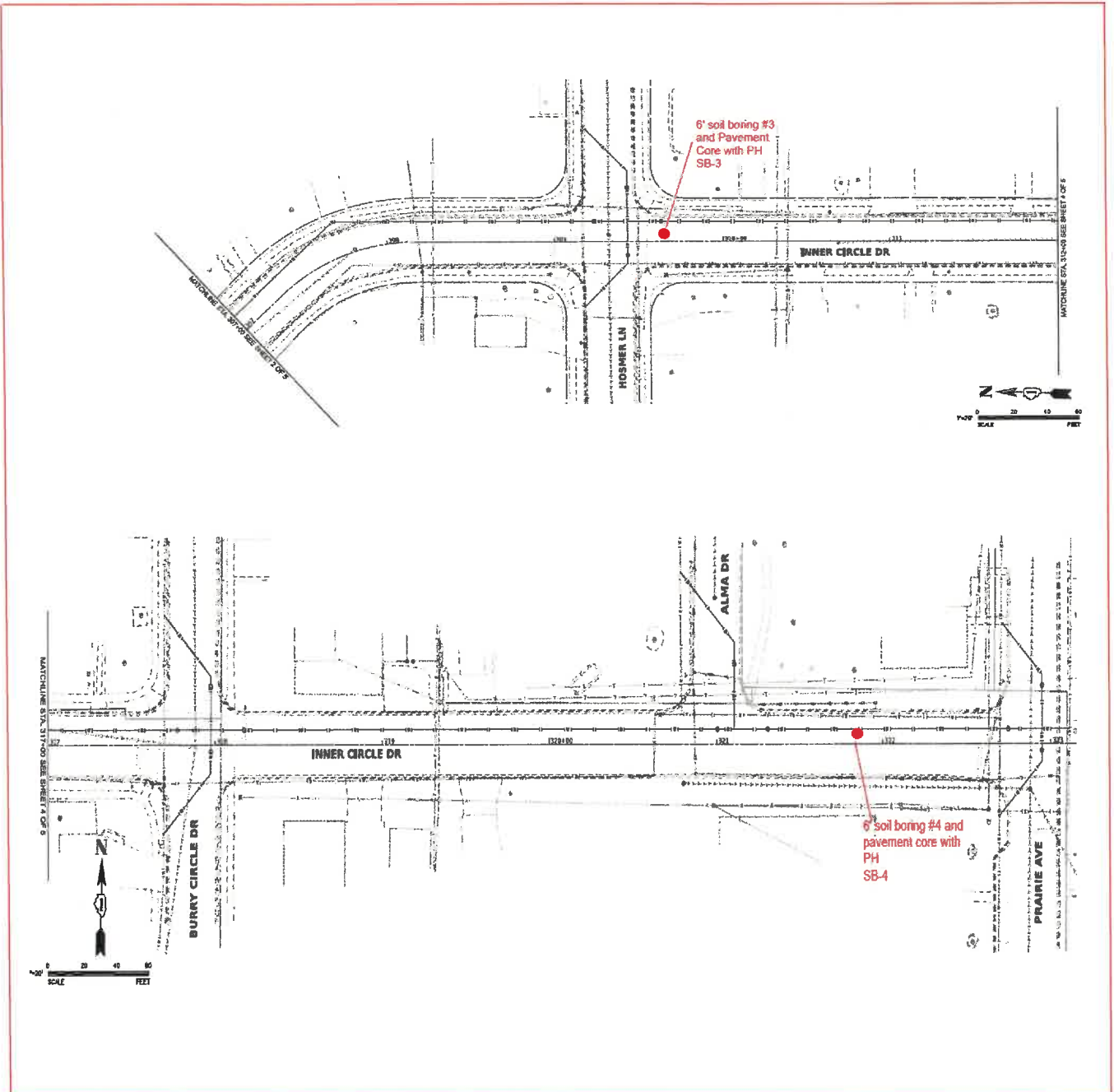
**Street Improvements at
Inner Circle Street, Hosmer Lane and Rahill Court
Crest Hill, IL
Site Location Diagram**



2025-1301-01G

Plate No. 2-1

**Street Improvements at
Inner Circle Street, Hosmer Lane and Rahill Court
Crest Hill, IL
Boring Location Diagram**



2025-1301-01G

Plate No. 2-2

**Street Improvements at
Inner Circle Street, Hosmer Lane and Rahill Court
Crest Hill, IL
Boring Location Diagram**



23856 W. Andrew Rd, Unit 103, Plainfield,

BOREHOLE LOG

Number

SB-1

Plate 3

Client	V3 Companies
Location	Inner Circle Improvement, Cresthill, IL
Job Number	2024-1301-15G
Drill Rig Type	Geoprobe 7822
Sampler Type	Split Spoon (SS)
Boring Location	See Plate 2 (STA 202+95)
Boring Elevation (ft)	648.00

Date: 1/6/2025

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5		AS	4 inches of Asphalt	647.50
						1.0		AB	6 inches Aggregate Base with Sand & Gravel	647.00
						1.5			Dark Brown Sandy Clay Fill (FILL)	646.50
1	SS	1.00	6.0	20.5	7	2.0			With Gravel-Firm	646.00
						2.5			Light Brown Silty Clay (CL)	645.50
						3.0			Trace Sand and Gravel-V. Stiff	645.00
						3.5				644.50
						4.0				644.00
2	SS	1.50	10.0	22.6	7	4.5			Color Changes to Brown & Grey	643.50
						5.0				643.00
						5.5				642.50
3	SS	1.50	6.0	16.1	7	6.0			Unit Weight: 110.0 pcf	642.00

End of Boring at 6.0'

Water Level While Drilling : None
 Water Level After Drilling : None
 Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability



BOREHOLE LOG

Number

SB-2

Plate 4

Client

V3 Companies

Location

Inner Circle Improvement, Cresthill, IL

23856 W. Andrew Rd, Unit 103, Plainfield,

Job Number

2024-1301-15G

Drill Rig Type

Geoprobe 7822

Sampler Type

Split Spoon (SS)

Boring Location

See Plate 2 (STA 212+00)

Boring Elevation (ft)

622.00

Date: 1/6/2025

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)
1	SS	0.50	10.0	16.4	0
2	SS	N/A	4.0	-	0
3	SS	2.00	6.0	17.5	2

Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
0.5		AS	5 inches of Asphalt	621.50
1.0		AB	4 Inches Aggregate Base with Sand & Gravel	621.00
1.5			Dark Brown Sandy Clay Fill (FILL)	620.50
2.0			With Gravel-Firm	620.00
2.5				619.50
3.0			Brown Gravel with Sand (GP-GW)	619.00
3.5			Trace Clay, Loose, Wet	618.50
4.0				618.00
4.5				617.50
5.0				617.00
5.5			Dark Brown Silty Clay (CL)	616.50
6.0			Trace Sand & Gravel, V Stiff, Unit Weight: 115.4 pcf	616.00

Soil Description

Elevation (ft)

End of Boring at 6.0'
 Water Level While Drilling : None
 Water Level After Drilling : None
 Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability



BOREHOLE LOG

Number

SB-3

Plate 5

Client: V3 Companies
 Location: Inner Circle Improvement, Cresthill, IL
 Job Number: 2024-1301-15G
 Drill Rig Type: Geoprobe 7822
 Sampler Type: Split Spoon (SS)
 Boring Location: See Plate 2 (STA 1309+60)
 Boring Elevation (ft): 645.00

Date: 1/6/2025

23856 W. Andrew Rd, Unit 103, Plainfield,

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5		AS	6 inches of Asphalt	644.50
						1.0		AB	10 Inches Aggregate Base	644.00
						1.5			Dark Brown Clayey Sand & Gravel Fill (FILL) With Gravel-Firm	643.50
1	SS	N/A	6.0	N/A	14	2.0				643.00
						2.5			Dark Brown Silty Clay (CL)	642.50
						3.0			Trace Sand & Gravel, Stiff	642.00
						3.5				641.50
						4.0				641.00
2	SS	1.50	10.0	18.1	12	4.5			Unit Weight: 112.4 pcf	640.50
						5.0				640.00
						5.5				639.50
3	SS	3.00	6.0	17.5	19	6.0			with Grey Streaks, V Stiff, Unit Weight: 112.2 pcf	639.00

End of Boring at 6.0'

Water Level While Drilling : None
 Water Level After Drilling : None
 Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability



BOREHOLE LOG

Number
SB-4

Plate 6

23856 W. Andrew Rd, Unit 103, Plainfield,

Client	V3 Companies
Location	Inner Circle Improvement, Cresthill, IL
Job Number	2024-1301-15G
Drill Rig Type	Geoprobe 7822
Sampler Type	Split Spoon (SS)
Boring Location	See Plate 2 (STA 1321+80)
Boring Elevation (ft)	643.00 Date: 1/6/2025

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5		AS	7 inches of Asphalt	642.50
						1.0		AB	13 Inches Aggregate Base	642.00
						1.5				641.50
1	SS	N/A	6.0	N/A	5	2.0			Dark Brown Clayey Sand & Gravel Fill (FILL)	641.00
						2.5			Black Top Soil (TS)	640.50
						3.0			with sand & gravel & Clay , Stiff	640.00
						3.5				639.50
						4.0				639.00
2	SS	1.00	10.0	35.2	11	4.5			Unit Weight: 91.8 pcf	638.50
						5.0				638.00
						5.5			With more clay, Consistency changes to V Stiff	637.50
3	SS	2.50	6.0	25.8	6	6.0			Unit Weight: 91.7 pcf	637.00

Cave In Depth : None
 Water Level While Drilling : None
 Water Level After Drilling : None
 Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability



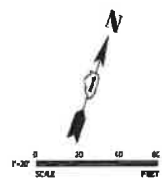
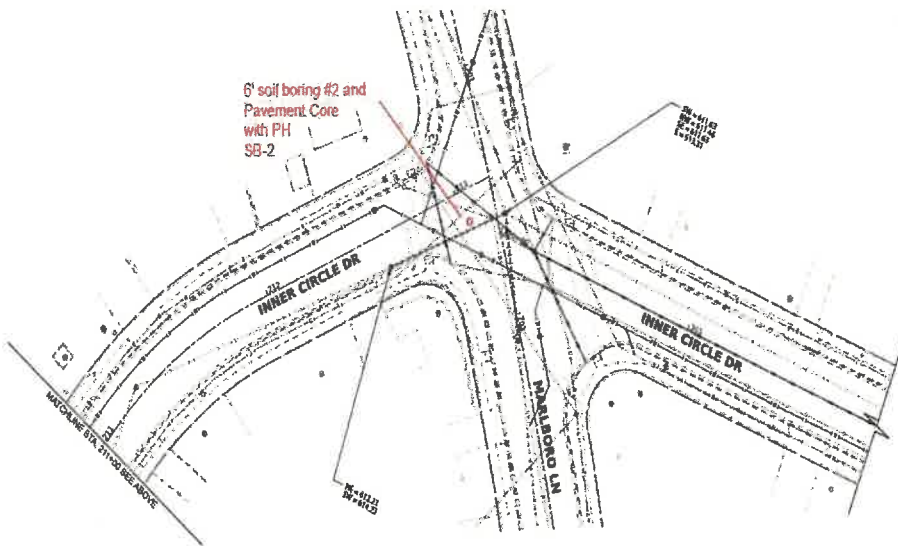
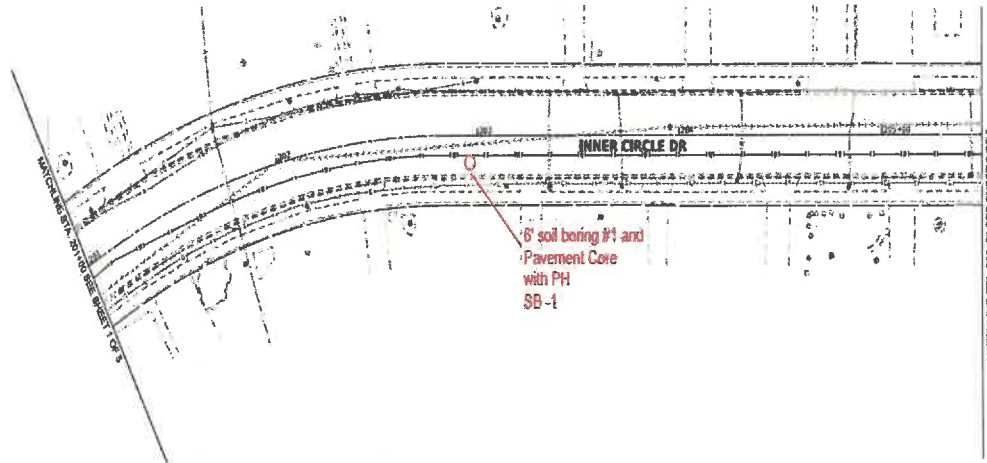
Pavement Core Locations and Thickness Data

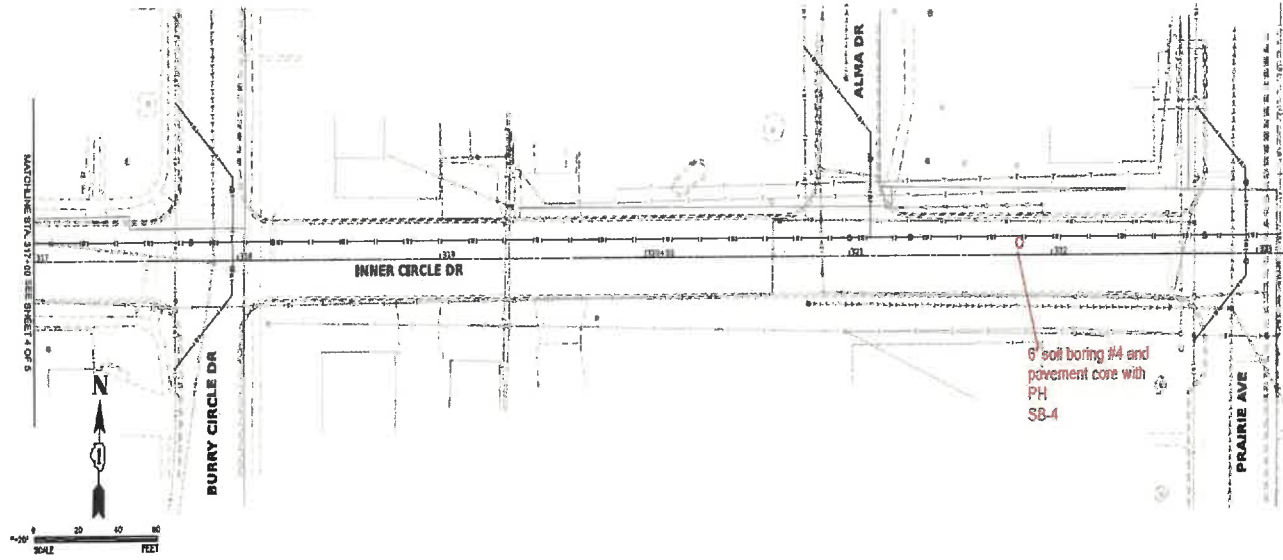
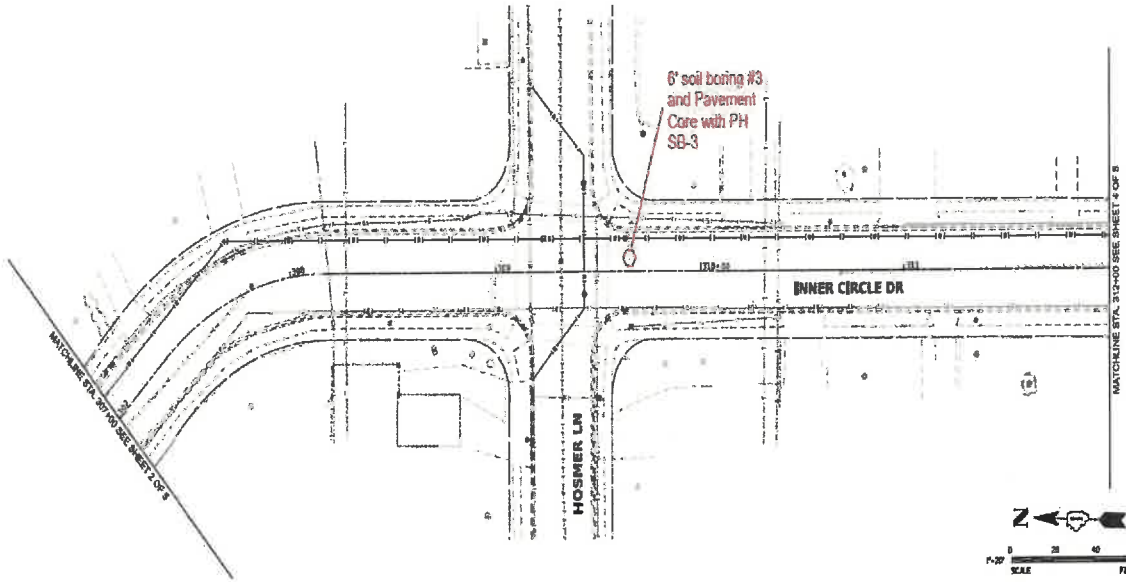
Core ID	Core Location	Aggregate Base Thickness (Inch)	Average Asphalt Core Thickness (Inch)
SB-1	Inner Circle. STA 202+95 Right Lane	6.0	4.0
SB-2	Inner Circle. STA 213+00 Right Lane	4.0	5.0
SB-3	Inner Circle. STA 309+60 Right Lane	10.0	6.0
SB-4	Inner Circle. STA 321+80 Left Lane	13" Mix With Sand	7.0
C-1	Hosmer Lane STA 101+90 Left Lane	13.0	6.0
C-2	Inner Circle STA 208+50 Left Lane	9.5	4.0
C-3	Rahill Court STA 500+15 Right Lane (Intersection with Inner Circle)	4.0	3.0
C-4	Inner Circle STA 303+00 Right Lane	10.0	5.75
C-5	Inner Circle. STA 314+60 Left Lane	10.5	5.75

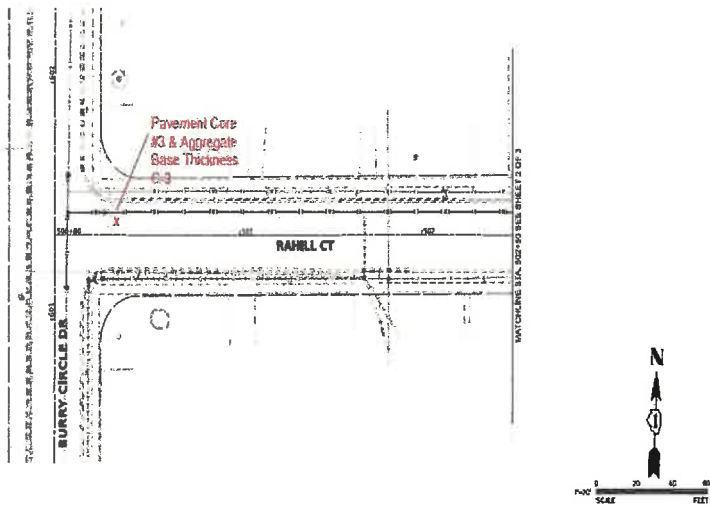
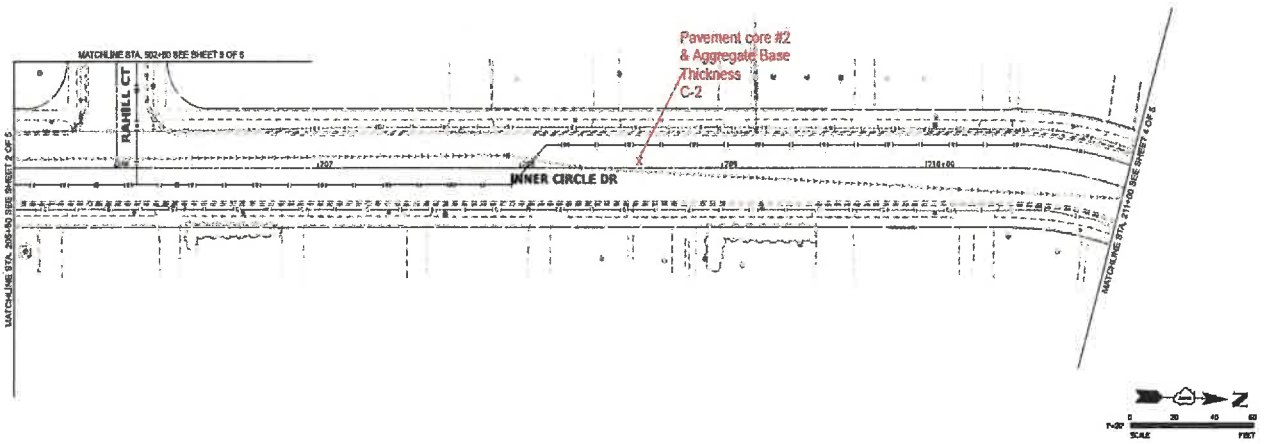
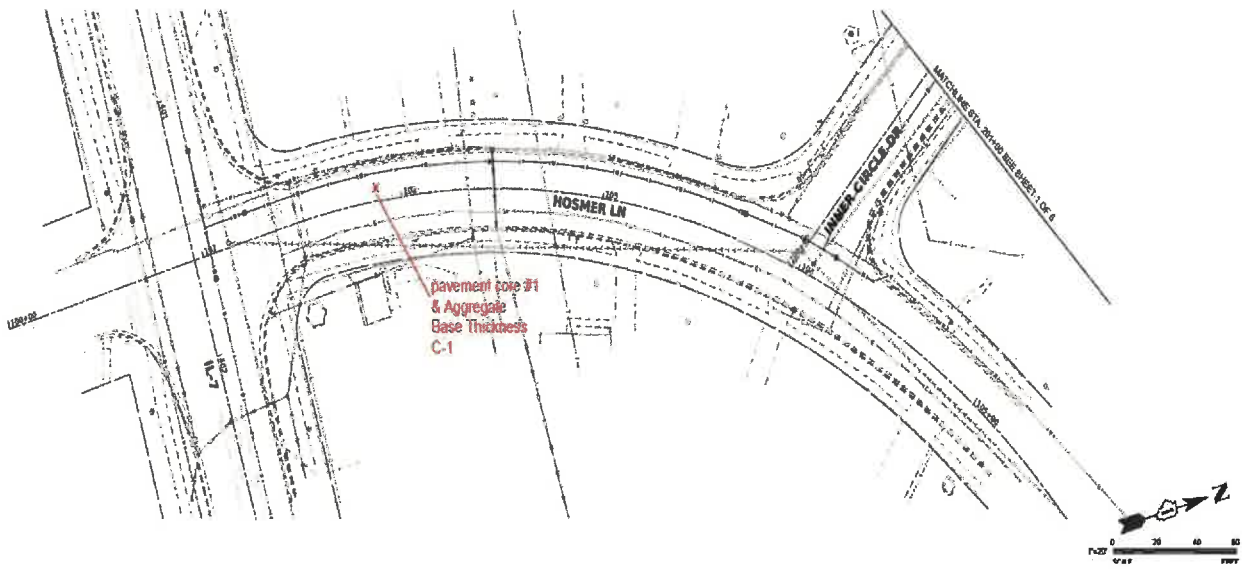
2025-1301-01G

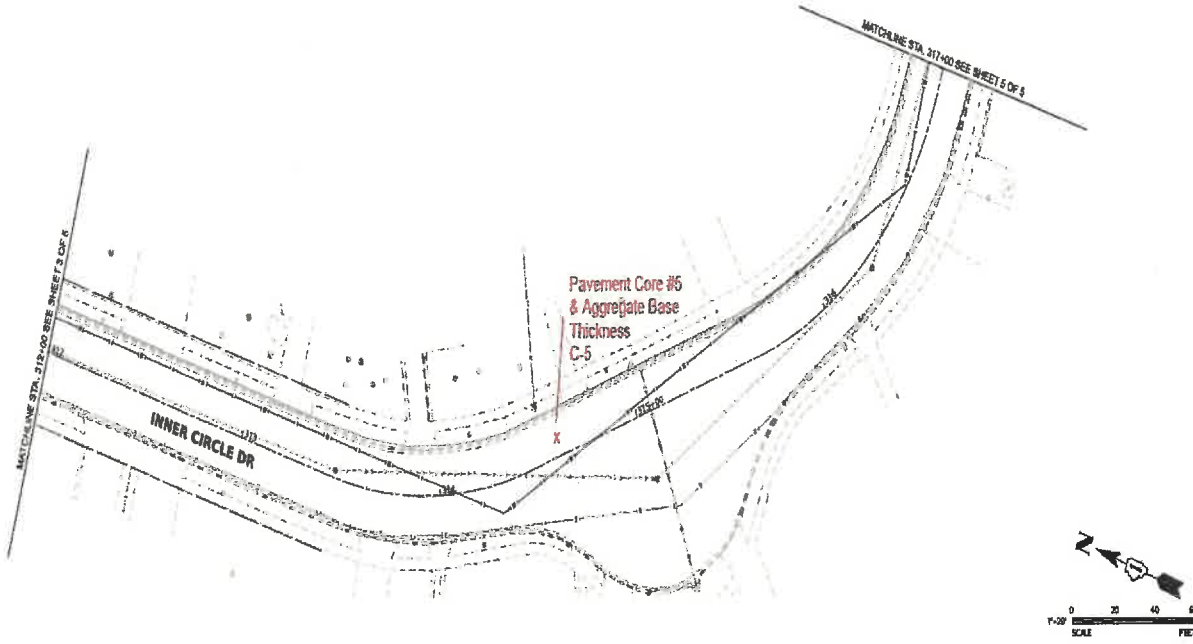
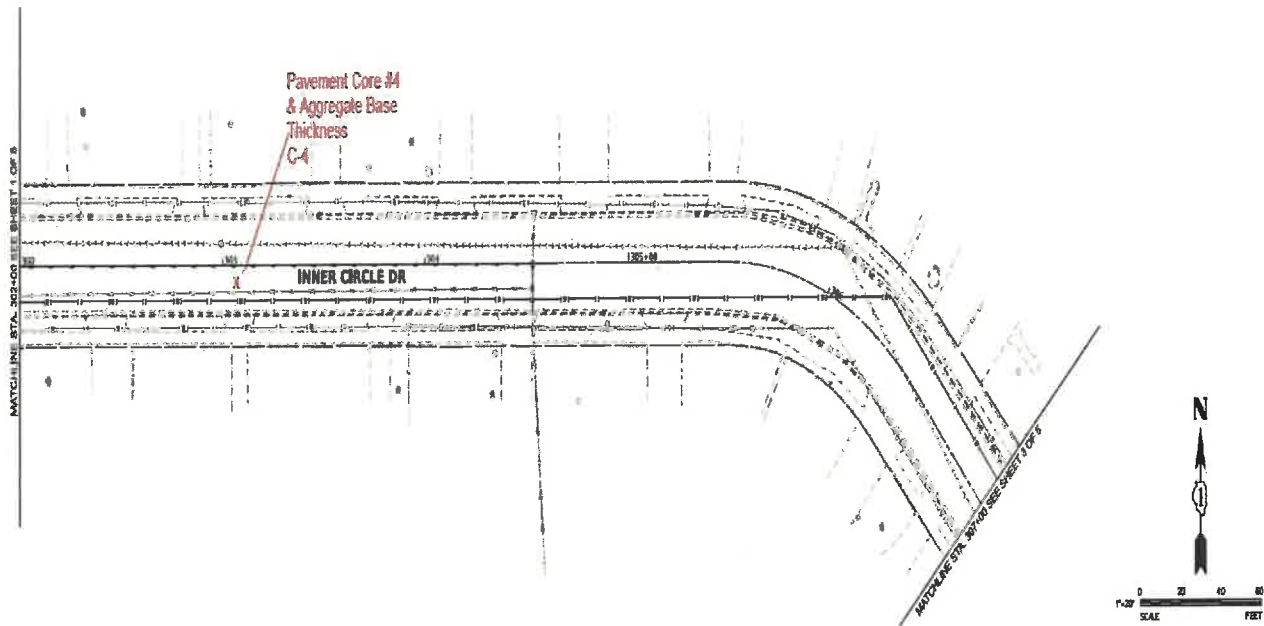
Plate No. 7

**Street Improvements at
 Inner Circle Street. Hosmer Lane & Rahill Court
 Crest Hill, IL
 Pavement Core Locations and Thickness Data**











KEY TO TEST DATA

DRILLING & SAMPLING SYMBOLS:

SL = SS with Liner	ST = 3" Shelby Tube
SS = Split Spoon — 1 1/2" I.D., 2" O.D., unless otherwise noted	HS = Hollow Stem Auger
ST = Shelby Tube — 2" O.D., unless otherwise noted	WS = Wash Sample
PA = Power Auger	FT = Fish Tail
DB = Diamond Bit — NX: BX: AX	RB = Rock Bit
AS = Auger Sample	BS = Bulk Sample
JS = Jar Sample	PM = Pressuremeter test—in situ
VS = Vane Shear	

Standard "N" Penetration = Blows per foot of a 140 pound hammer falling 30 inches on a 2-inch OD split spoon, except where noted.

WATER TABLE

MEASUREMENT SYMBOLS

WL =	Water Level
WCI =	Cave In
DCI =	Dry Cave In
WS =	While Sampling
WD =	While Drilling
BC =	Before Casing Removal
ACR =	After Casing Removal
AB =	After Boring

Water levels indicated on the boring logs are the levels measured in the boring at the times indicated. In pervious soils, the indicated elevations are considered reliable ground water levels. In impervious soils, the accurate determination of ground water elevations is not possible even after several days observation, and additional evidence of ground water elevations must be sought.

GRADATION DESCRIPTION & TERMINOLOGY

Coarse Grained or Granular Soils have more than 50% of their dry weight retained on a #200 sieve; they are described as: boulders, cobbles, gravel or sand. Fine Grained Soils have less than 50% of their dry weight retained on a #200 sieve; they are described as: clays or clayey silts if they are cohesive, and silts if they are non-cohesive. In addition to gradation, granular soils are defined on the basis of their relative in-place density and fine grained soils on the basis of their strength or consistency, and their plasticity.

<u>Major Component Of Sample</u>	<u>Size Range</u>	<u>Descriptive Term(s) (Of Components Also Present in Sample)</u>	<u>Percent of Dry Weight</u>
Boulders	Over 8 in. (200mm)	Trace	1 — 9 .
Cobbles	8 in. to 3 in. (200mm to 75mm)	Little	10 — 19
Gravel	3 in. to #4 sieve (75mm to 2mm)	Some	20 — 34
Sand	#4 to #200 sieve (2mm to .074mm)	And	35 — 50
Silt	Passing #200 sieve (0.074mm to 0.005mm)		
Clay	Smaller than 0.005mm		

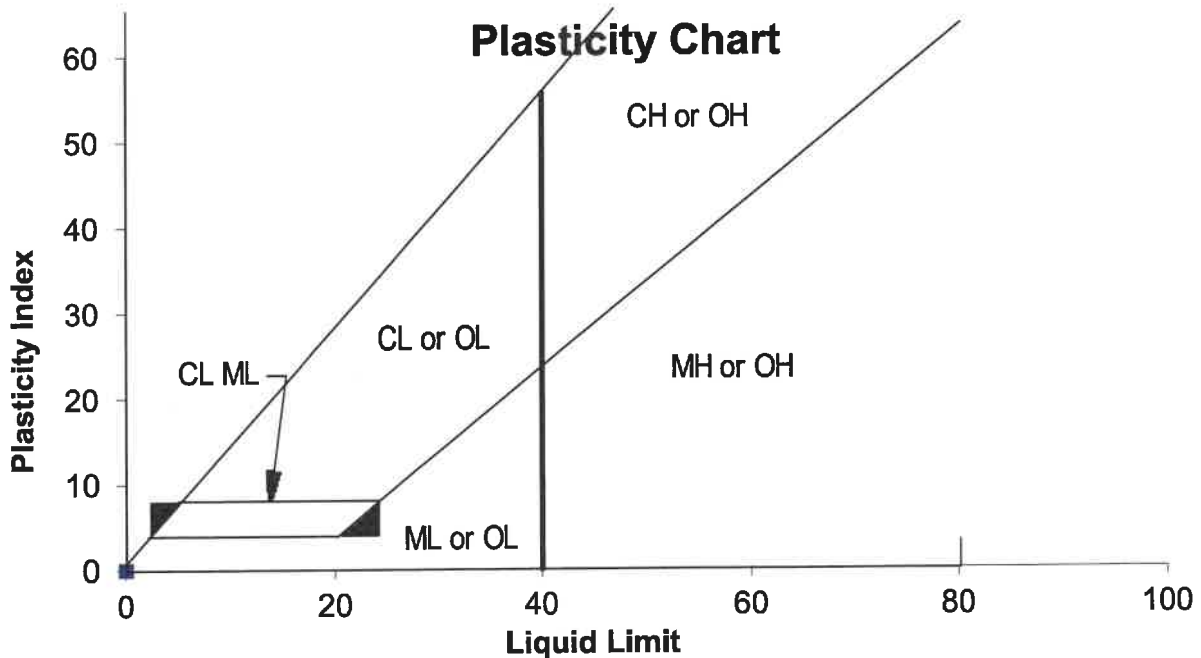
CONSISTENCY OF COHESIVE SOILS

RELATIVE DENSITY OF GRANULAR SOILS

<u>Unconfined Comp. Strength, Qu, tsf</u>	<u>Consistency</u>	<u>N — Blows/ft.</u>	<u>Relative Density</u>
<0.25 —	Very Soft	0 — 3	Very Loose
0.25 — 0.49	Soft	4 — 9	Loose
0.50 — 0.99	Medium (Firm)	10 — 29	Medium Dense
1.00 — 1.99	Stiff	30 — 49	Dense
2.00 — 3.99	Very Stiff	50 — 80	Very Dense
4.00 — 8.00	Hard	80 +	Extremely Dense
>8.00	Very Hard		

UNIFIED SOIL CLASSIFICATION CHART

CRITERIA FOR ASSIGNING GROUP NAMES & GROUP SYMBOLS USING LABORATORY TEST RESULTS				Soil Classification			
				Group Symbol	Group Name		
COURSE-GRAINED SOILS	More than 50% retained on #200 Sieve	GRAVELS More than 50% of course fractions are retained on #4 sieve	CLEAN GRAVELS Less than 5% fines	$Cu \leq 4$ and $1 \leq Cc \leq 3$	GW	Well Graded Gravel	
				$Cu < 4$ and/or $1 > Cc > 3$	GP	Poorly Graded Gravel	
			GRAVELS With more than 12% fines	Fines classify as ML or MH	GM	Silty Gravel	
			Fines classify as CL or CH	GC	Clayey Gravel		
		SANDS 50% or more of course fractions passes #4 sieve	CLEAN SANDS Less than 5% fines	$Cu \leq 6$ and $1 \leq Cc \leq 3$	SW	Well Graded Sand	
				$Cu < 6$ and/or $1 > Cc > 3$	SP	Poorly Graded Sand	
	SANDS With more than 12% fines		Fines classify as ML or MH	SM	Silty Sand		
			Fines classify as CL or CH	SC	Clayey Sand		
	FINE-GRAINED SOILS	50% or More Passed the #200 Sieve	SILTS & CLAYS Liquid Limit Lower than 50%	Inorganic	$PI > 7$ and plots on or above "A" line	CL	Non to Low Plasticity Clay
					$PI < 4$ and plots below "A" line	ML	Silt
Organic				$\frac{\text{Liquid Limit (Oven Dried)}}{\text{Liquid Limit (Not Dried)}} < 0.75$	OL	Organic Clay or Silt	
SILTS & CLAYS Liquid Limit 50% or Higher			Inorganic	PI plots on or above "A" line	CH	Highly Plastic Clay	
				PI plots below "A" line	MH	Elastic Silt	
	Organic	$\frac{\text{Liquid Limit (Oven Dried)}}{\text{Liquid Limit (Not Dried)}} < 0.75$	OH	Organic Clay or Silt			
Highly Organic Soils		Primarily organic material, darker and with organic odor		PT	Peat		





NOTES ON PLACEMENT OF COMPACTED FILL SOIL

GENERAL

The placement of compacted fill for support of foundations, floor slabs, pavements, or earth structures should be carried out by an experienced excavator with the proper equipment. The excavator must be prepared to adapt his procedures, equipment, and materials to the type of project, to weather conditions, and the structural requirements of the architect and engineer. Methods and materials used in summer may not be applicable in winter; fill used in dry excavations may not be suitable in wet excavations or during periods of precipitation; proposed fill soil may require wetting or drying for proper placement and compaction. Conditions may also vary during the course of a project or in different areas of the site. These needs should be addressed in the project drawings and specifications.

EXCAVATION/BACKFILL BELOW THE WATER TABLE

It is common to have to excavate and replace unsuitable soils below the water table for site correction. As a general rule of prudent construction technique, we recommend that excavation/backfill below the water table not be permitted, unless the excavation is dewatered. Numerous problems can develop when this procedure is attempted without dewatering.

- Inability of the equipment operators and soil technicians to observe that all unsuitable soil/materials have been removed from the base of the excavation.
- Inability to observe and measure that proper lateral oversizing is provided.
- Inability to prevent or correct sloughing of excavation sidewalls, which can result in unsuitable soils trapped within the select backfill.
- Inability of the contractor to adequately and uniformly compact the backfill.
- Possibility of disturbance of the suitable soils at the base of the excavation.

The dewatering methods, normally chosen at the contractor's option, should follow prudent construction practice. Excavations in clay can often be dewatered with sump pits and pumps; this technique would not be applicable for excavation extending into permeable granular soil, especially for depths significantly below the water table. Dewatering granular soils should normally be done with well points or wells. When dewatering is needed, we strongly recommend that the procedures be discussed at pre-bid or pre-construction meetings. The architect and engineer should review the dewatering technique chosen by the contractor before construction starts; it should not be left until excavation is under way.

The selection of proper backfill materials is important when working in dewatered excavations. Even with dewatering, the base is usually wet and the contractor must be careful not to disturb the base. We recommend that the first lifts of backfill be a clean medium to coarse grain sand with less than 5% passing the #200 sieve. The use of silty sand, clayey sand, or cohesive/semi-cohesive soils is not recommended for such situations. The excavator should be required to submit samples of the proposed material(s) he plans to use as backfill before the fill is hauled to the site, so that it can be tested for suitability.

WINTER EARTHWORK CONSTRUCTION

Winter earthwork presents its own range of problems, which must be overcome; the situation may be complicated by the need for dewatering discussed above.

During freezing conditions, the fill used must not be frozen when delivered to the site. It also must not be allowed to freeze during or after compaction. Since the ability to work the soil while keeping it from freezing depends in part on the soil type, the specifications should require the contractor to submit a sample of his proposed fill before construction starts, for laboratory testing. If the soil engineer and structural engineer determine that it is not suitable, it should be rejected. In general, silty sand, clayey sand, and cohesive/semi-cohesive soils should not be used as fill under freezing conditions. All frozen soil of any type should be rejected for use as compacted fill.

It is important that compacted fill be protected from freezing after it is placed. The excavator should be required to submit a plan for protecting the soil. The plan should include details on the type and amount of material (straw, blankets, extra loose fill, topsoil, etc.) proposed for use as frost protection. The need to protect the soil from freezing is ongoing throughout construction and applies both before and after concrete is placed, until backfilling for final frost protection is completed. Foundations placed on frozen soil can experience heaving and significant settlement, rotation, or other movement as the soil thaws. Such movement can also occur if the soil is allowed to freeze after the concrete is placed and then allowed to thaw. The higher the percentage of fines (clay and silt, P-200 material) in the fill, the more critical is the need for protection from freezing.

ANALYTICAL REPORT

PREPARED FOR

Attn: Umar T Ahmad
NASHnal Soil Testing, LLC
23856 W. Andrew Road
Unit 103
Plainfield, Illinois 60585
Generated 1/10/2025 4:35:26 PM

JOB DESCRIPTION

Inner Circle, Crest Hill

JOB NUMBER

500-262424-1

Eurofins Chicago

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



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Authorized for release by
Jim Knapp, Senior Project Manager
Jim.Knapp@et.eurofinsus.com
(630)758-0262

Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Detection Summary	5
Method Summary	6
Sample Summary	7
Client Sample Results	8
Definitions	12
QC Association	13
Chronicle	14
Certification Summary	15
Chain of Custody	16
Receipt Checklists	17



Case Narrative

Client: NASHnal Soil Testing, LLC
Project: Inner Circle, Crest Hill

Job ID: 500-262424-1

Job ID: 500-262424-1

Eurofins Chicago

Job Narrative 500-262424-1

Receipt

The samples were received on 1/8/2025 12:30 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.5° C.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Detection Summary

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1



Client Sample ID: SB-1 Bag

Lab Sample ID: 500-262424-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
pH	8.8		0.2	0.2	SU	1			9045D	Total/NA

Client Sample ID: SB-2 Bag

Lab Sample ID: 500-262424-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
pH	7.9		0.2	0.2	SU	1			9045D	Total/NA

Client Sample ID: SB-3 Bag

Lab Sample ID: 500-262424-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
pH	8.7		0.2	0.2	SU	1			9045D	Total/NA

Client Sample ID: SB-4 Bag

Lab Sample ID: 500-262424-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
pH	8.9		0.2	0.2	SU	1			9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Method Summary

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1

Method	Method Description	Protocol	Laboratory
9045D	pH	SW846	EET CHI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200



Sample Summary

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-262424-1	SB-1 Bag	Solid	01/06/25 09:00	01/08/25 12:30
500-262424-2	SB-2 Bag	Solid	01/06/25 10:00	01/08/25 12:30
500-262424-3	SB-3 Bag	Solid	01/06/25 11:00	01/08/25 12:30
500-262424-4	SB-4 Bag	Solid	01/06/25 12:00	01/08/25 12:30



Client Sample Results

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1

Client Sample ID: SB-1 Bag
Date Collected: 01/06/25 09:00
Date Received: 01/08/25 12:30

Lab Sample ID: 500-262424-1
Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.8		0.2	0.2	SU			01/09/25 10:19	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Client Sample Results

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1

Client Sample ID: SB-2 Bag

Lab Sample ID: 500-262424-2

Date Collected: 01/06/25 10:00

Matrix: Solid

Date Received: 01/08/25 12:30

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9		0.2	0.2	SU			01/09/25 10:21	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Client Sample Results

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1

Client Sample ID: SB-3 Bag
Date Collected: 01/06/25 11:00
Date Received: 01/08/25 12:30

Lab Sample ID: 500-262424-3
Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.7		0.2	0.2	SU			01/09/25 10:24	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Client Sample Results

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1

Client Sample ID: SB-4 Bag

Lab Sample ID: 500-262424-4

Date Collected: 01/06/25 12:00

Matrix: Solid

Date Received: 01/08/25 12:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.9		0.2	0.2	SU			01/09/25 10:26	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Definitions/Glossary

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count



QC Association Summary

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1

General Chemistry

Analysis Batch: 802295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262424-1	SB-1 Bag	Total/NA	Solid	9045D	
500-262424-2	SB-2 Bag	Total/NA	Solid	9045D	
500-262424-3	SB-3 Bag	Total/NA	Solid	9045D	
500-262424-4	SB-4 Bag	Total/NA	Solid	9045D	
LCS 500-802295/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-802295/3	Lab Control Sample Dup	Total/NA	Solid	9045D	



Lab Chronicle

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1

Client Sample ID: SB-1 Bag

Lab Sample ID: 500-262424-1

Date Collected: 01/06/25 09:00

Matrix: Solid

Date Received: 01/08/25 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	802295	MF	EET CHI	01/09/25 10:19

Client Sample ID: SB-2 Bag

Lab Sample ID: 500-262424-2

Date Collected: 01/06/25 10:00

Matrix: Solid

Date Received: 01/08/25 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	802295	MF	EET CHI	01/09/25 10:21

Client Sample ID: SB-3 Bag

Lab Sample ID: 500-262424-3

Date Collected: 01/06/25 11:00

Matrix: Solid

Date Received: 01/08/25 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	802295	MF	EET CHI	01/09/25 10:24

Client Sample ID: SB-4 Bag

Lab Sample ID: 500-262424-4

Date Collected: 01/06/25 12:00

Matrix: Solid

Date Received: 01/08/25 12:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	802295	MF	EET CHI	01/09/25 10:26

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-25

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Chain of Custody Record 734984



Environment Testing
America

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Address _____

TAL-8210

COC No _____ of _____ COCs

Project Manager: DW NPDES RCRA Other

Site Contact: _____

Lab Contact: _____

Date: _____

Carrier: _____

Client Contact
Company Name **NST**
Address **23856 W. ANDREW RD #103**
City/State/Zip **PLAINFIELD, IL 60585**
Phone **630.780.5201**
Fax _____

Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
TAT if different from Below: **Standard**
 2 weeks 1 week 2 days 1 day

Project Name **INNER CIRCLE, CREST HILL**
Site **ROADWAY BRIDGES**
P O # **UNMR**

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	PH Test	500-262424 COC	Sample Specific Notes
SB-1 BA4	11/6/25	9:10 AM	GRAB	Soil	1					
SB-2 BA4	11/6/25	10 AM	G	Soil	1					
SB-3 BA4	11/6/25	11 AM	G	Soil	1					
SB-4 BA4	11/6/25	Noon	G	Soil	1					

Preservation Used: #1: Ice, #2: HCl, #3: H2SO4, #4: HNO3, #5: NaOH, #6: Other

Possible Hazard Identification: _____

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

Non-Hazard Flammable Skin Irritant Poison B Unknown

Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments.
RUN pH test

Custody Seals Intact Yes No

Relinquished by **Andan Goffredo** Date/Time **1-8-25** Company **NST 113**

Relinquished by **Joe Pelloni** Date/Time **1/8/25** Company **EEEA**

Relinquished by **Stephanie Hernandez** Date/Time **11/8/25 11:30** Company **EEEA**

Received by **Joe Pelloni** Date/Time **11/8/25** Company **EEEA**

Received in Laboratory by **Stephanie Hernandez** Date/Time **11/8/25 11:30** Company **EEEA**

Cooler Temp (°C) Obs'd **5.6+5.5** Term ID No _____

Login Sample Receipt Checklist

Client: NASHnal Soil Testing, LLC

Job Number: 500-262424-1

Login Number: 262424

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





Illinois Environmental Protection Agency

2520 West Iles Avenue • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Source Site Certification by Owner or Operator for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-662

Revised in accordance with 35 Ill. Adm. Code 1100, as
amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by source site owners and operators to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1) (A), that soil (i) was removed from a site that is not potentially impacted property and is presumed to be uncontaminated soil and (ii) is within a pH range of 6.25 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: Inner Circle Drive Watermain Office Phone Number, if available: _____

Physical Site Location (Street, Road): _____

City: Crest Hill State: IL Zip Code: 60403 County: Will

Township: Lockport

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 41.55631 Longitude: - 88.10752
(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

- GPS Map Interpolation Photo Interpolation Survey Other

IEPA Site Number(s), if assigned: _____ BOL: NA BOW: NA BOA: NA
Approximate Start Date (mm/dd/yyyy): Jul 1, 2025 Approximate End Date (mm/dd/yyyy): Jul 1, 2026
Estimated Volume of debris (cu. Yd.): 2800

II. Owner/Operator Information for Source Site

Site Owner

Name: City of Crest Hill

Street Address: 2090 Oakland Ave

PO Box: _____

City: Crest Hill State: IL

Zip Code: 60403 Phone: _____

Contact: Ronald Wiedeman

Email, if available: _____

Site Operator

Name: _____ TBD

Street Address: _____

PO Box: _____

City: _____ State: _____

Zip Code: _____ Phone: _____

Contact: _____

Email, if available: _____

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.

Source Site Certification

III. Descriptions of Current and Past Uses of Source Site

Describe the current and past uses of the site and nearby properties.* Attach additional information as needed. The description must take into account, at a minimum, the following for the source site and for nearby property: (1) use of the properties for commercial or industrial purposes; (2) the use, storage or disposal of chemical or petroleum products in individual containers greater than 5 gallons or collectively more than 50 gallons; (3) the current or past presence of any storage tanks (above ground or underground); (4) any waste storage, treatment or disposal at the properties; (5) any reported releases or any environmental cleanup or removal of contaminants; (6) any environmental liens or governmental notification of environmental violations; (7) any contamination in a well that exceeds the Board's groundwater quality standards; (8) the use, storage, or disposal of transformers or capacitors manufactured before 1979; and (9) any fill dirt brought to the properties from an unknown source or site.

Number of pages attached: _____

See Attachment 1

*The description must be sufficient to demonstrate that the source site is not potentially impacted property, thereby allowing the source site owner or operator to provide this certification.

IV. Soil pH Testing Results

Describe the results of soil pH testing showing that the soil pH is within the range of 6.25 to 9.0 and attach any supporting documentation.

Number of pages attached: _____

See Attachment 1

V. Source Site Owner, Operator or Authorized Representative's Certification Statement and Signature

In accordance with the Illinois Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I Jonathan Shuptar, P.G. (owner, operator or authorized representataive of source site) certify that this site is not a potentially impacted property and the soil is presumed to be uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. I further certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. Additionally, I certify that I am either the site owner or operator or a duly authorized representative of the site owner or site operator and am authorized to sign this form. Furthermore, I certify that all information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Owner

Operator

Jonathan Shuptar

Printed Name

Signature



Owner's Duly Authorized Representative

Operator's Duly Authorized Representative

Jun 6, 2025

Date



ATTACHMENT 1

Source Site Certification by Owner or Operator for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation (LPC-662)

DATE: 06/06/2025

SOURCE OWNER: City of Crest Hill

OPERATOR: TBD

PROJECT: Watermain Replacement Inner Circle Drive

LOCATION: Inner Circle Drive, and Rahill Court, Crest Hill, Will County, Illinois

DESCRIPTION OF SOURCE AND PIP EVALUATION:

Excess soils will be generated from watermain replacement for the proposed project along Inner Circle Drive, and Rahill Court, Crest Hill, Will County, Illinois. The project limits are depicted in **Figure 1**. All construction spoils will be generated from within Right-of-Way (ROW). The land use adjacent to the project ROW was reviewed to identify any potentially environmental concerns. The historic land use review and environmental screening is primarily reliant on the attached EDR Radius Map Report. The following summarizes the findings of the PIP screening:

- **Inner Circle Drive:** The land use along Inner Circle Drive is residential. The neighborhood was developed in the late 1950's. Prior to development the land was used for agriculture. The historical and environmental records review did not identify any environmental concerns along Inner Circle Drive. Based on the land use review, the ROW along Inner Circle Drive is not considered a Potentially Impacted Property (PIP).
- **Rahill Court:** The land use along Rahill Court is primarily residential. The EDR Radius Map Report identifies a LUST incident for a heating oil underground storage tank at the St. Ambrose Roman Catholic Church. Provided documentation indicates the LUST incident has an NFR for a 5000-gal UST that was closed in 1999. Based on the land use review, the identified closed LUST incident, and the distance the Catholic Church is from any proposed excavation, Soils from Rahill Court are not considered a PIP.

SECTION III DESCRIPTION OF CURRENT AND PAST USES OF SOURCE SITE:

Summary of current and Past Uses of the Source Site and Nearby Properties:

Based on a geodatabase search for the property adjacent to the Source Site has been residential. The records review did not identify any environmental concerns immediately adjacent to any environmental concerns. The review of the Source Site history demonstrates eligibility for LPC – 662 Certification based on the following:

- (1) Use of the properties for industrial and commercial properties.
 - There is no record of industrial or commercial use of the source site.
- (2) The use, storage or disposal of chemical or petroleum products in individual containers greater than 5 gallons or collectively more than 50 gallons.
 - There is no evidence of current or historical storage, disposal, or improper use of chemical or

petroleum products in individual containers greater than 5-gallons or collectively more than 50-gallons at the Source Site.

- (3) The current or past presence of any storage tanks (above ground or underground).
 - Regulatory records and Source Site observations do not indicate the current or past presence of above ground or underground storage tanks on the Source Site.
- (4) Any waste storage, treatment or disposal at the properties
 - Regulatory records and Source Site observations do not indicate waste storage, treatment, or disposal at the Source Site.
- (5) Any reported releases or any environmental cleanup or removal of contaminants.
 - There are no observed, reported or known releases or environmental cleanup and no removal of contaminants at the Source Site.
- (6) Any environmental liens or governmental notifications or environmental violations.
 - Known environmental liens, governmental notifications, and environmental violations were not reported in connection to the Source Site, and violations and notifications were not listed in regulatory records reviewed.
- (7) Any contamination in a well that exceeds the Board's groundwater quality standards.
 - No reported wells with contamination that exceeds the Board's groundwater quality standards are known to be located on the Source Site.
- (8) The use, storage, or disposal of transformers or capacitors manufactured before 1979.
 - No evidence of the use, storage, or disposal of transformers or capacitors manufactured before 1979 was observed or documented to have been at the Source Site.
- (9) Any fill dirt brought to the properties from an unknown source or site.
 - No known or observed fill dirt has been brought to the Source Site from an unknown source or site.

SECTION IV SOIL PH TESTING RESULTS:

Sampling Approach:

Based on the review of the Site Source history, the Source Site is not considered a Potentially Impacted Property (PIP) and according to 35 Ill. Adm. Code 1100.205(a)(1)(A), the soils generated from this project are presumed to be uncontaminated. To complete the certification through the LPC – 662 and demonstrate compliance with CCDD regulations, the soils must have a pH within the acceptable range of 6.25 to 9.0.

A total of 4 soil samples were collected from the source site. Soil samples were collected from geotechnical soil borings advanced by NASHnal Soil Testing. Soil samples were analyzed by Eurofins Chicago for pH. One sample was collected from each side of Winfield Creek.

Sample Results and Conclusion:

Each of the 4 samples had a pH within the acceptable range of 6.25 and 9.0 (See attached Lab Analytical Report). Project soils from the source site meet the criteria of Title 35: Subtitle J: Chapter I: Part 1100 for acceptance as CCDD fill material.

FACILITY ACCEPTANCE AND UNCHARACTERIZED CONDITIONS:

Demonstration of compliance with CCDD regulations and achievement of the Maximum Allowable Concentrations (MACs) does not guarantee soils and fill material will be accepted at all CCDD/Uncontaminated Soil Fill Operations (USFO). CCDD/USFO facilities are privately operated facilities and reserve the right to reject fill material on any criteria. This CCDD soil evaluation 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 facility based on this documentation. CCDD/USFO facilities may have acceptance criteria which is more stringent than the minimum requirements of Title 35: Subtitle J: Chapter I: Part 1100.

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.

FIGURE 1

& LW\ 21 & UHVV + LOO



30'

PL

.NP

6\$1,7\$5 < 0\$,16

*UDYLW\ 0DLQ

:DWHU 0DLQV

&RXQW\ RI :LOO 0DIDU (VUL &RPPXQLW\ 0DSV &RQWL
2SHQ6WUHHWDS 0LFURVRIW (VUL 7RP7RP
& LW\ 21 & UHVV +L
&RXQW\ RI :LOO &RXQW\ RI :LOO % 2SHQ6WUHHWDS 0LFUF



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**GEOTECHNICAL EXPLORATION/FEASIBILITY STUDY AND PAVEMENT
THICKNESS DETERMINATION REPORT FOR
Street Improvements at
Inner Circle Street, Hosmer Lane and Rahill Court in
Crest Hill, Illinois**

PROJECT NUMBER 2025-1301-01G

Prepared For

**Mr. Jason Holy
V3 Companies
7325 Janes Avenue
Woodridge, IL 60517**



www.nstengr.com

**Mr. Jason Holy
V3 Companies
7325 Janes Avenue
Woodridge, IL 60517**

Date: 01/28/2025

**RE: Geotechnical Exploration/Feasibility Study and Pavement Thickness
Determination Report for Street Improvements at Inner Circle Street, Hosmer
Lane & Rahill Court in Crest Hill, IL**

Dear Mr. Holy:

Following your written authorization on December 19, 2024, of our proposal dated December 18, 2024; we have completed this geotechnical exploration. Enclosed you will find the results of our field exploration, related laboratory testing, and geotechnical report. This report is the instrument of service defined in our proposal; we are also submitting electronic copies.

We have enjoyed working with you on this phase of the project. Should you have any questions or if we can be of further assistance, please do not hesitate to contact us.

Sincerely,
NASHnal Soil Testing, LLC


Umar T. Ahmad, PE
Registered Professional Engineer, Illinois
Registration # 062-055148



Expires 11/30/2025



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GEOTECHNICAL EXPLORATION/FEASIBILITY STUDY AND PAVEMENT THICKNESS DETERMINATION REPORT FOR Street Improvements at Inner Circle Street, Hosmer Lane and Rahill Court in Crest Hill, Illinois

PROJECT NUMBER 2025-1301-01G

INTRODUCTION 1
SCOPE OF SERVICES 1
FIELD EXPLORATION PROCEDURES..... 2
LABORATORY TESTING AND CLASSIFICATION..... 2
SITE CONDITIONS..... 3
Topography/Surface Features 3
Soil Conditions..... 3
Street Improvements 3
Groundwater Conditions 4
REVIEW AND RECOMMENDATIONS 5
Discussion 5
Site Preparation..... 5
Flexible, Rigid and Permeable Pavement..... 6
CONSTRUCTION CONSIDERATIONS..... 6
Groundwater 6
Equipment Selection/Soil Disturbance..... 6
Winter Construction 7
Construction Safety..... 7
Field Observation and Testing 7
GENERAL QUALIFICATIONS 8
STANDARD OF CARE 8
APPENDIX..... 9



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Street Improvements at Inner Circle St., Hosmer Ln. & Rahill Ct. in
Crest Hill, IL
Project Number 2025-1301-01G
January 28, 2025

INTRODUCTION

It is our understanding that you are planning to improve Inner Circle Street , Hosmer Lane and Rahill Court in Crest Hill, Illinois.

At the time of our initial site visit, the area consisted of existing paved roadways/Streets. The topography of the site was observed to be relatively sloping towards the east and north with surface elevations ranging from 622.00 to 648.00 between our borings. Elevations were assigned based on GPS coordinates and Google Earth. We strongly recommend that your project surveyor tie these elevations to National Geodetic Vertical Datum.

The design traffic count is not available for us to review at this time. To evaluate the subsurface soil profile for the client requested to drill four (4) soil borings, to a depth of 6.0 feet BEG, sample every 2.5 feet to 6 feet depth between STA 202+95 to STA 321+80. Additionally, NST was instructed to obtain pavement cores at the four (4) boring locations along with additional five (5) pavement cores at STA 101+90 (Hosmer Lane), STA 208+50 (Inner Circle Street) , STA 500+15 (Rahill Court), STA 303+00 (Inner Circle Street), and STA 314+60 (Inner Circle Street) to determine pavement sections.

Based upon our findings in this subsurface investigation, we believe that the major limiting geotechnical concerns present in the profile are 2.0 feet of fill in borings SB-1, SB-3, 2.5 feet of fill in SB-2 and fill and high moisture organic topsoil throughout the entire boring depth in SB-4.

SCOPE OF SERVICES

The purpose of this report is to describe the soil and groundwater conditions encountered in our geotechnical exploration, review and evaluate these conditions with respect to the proposed project and present our recommendations for feasible methods for subgrade support and earthwork design and construction. Our scope of services for this project, as outlined in our proposal, is limited to the following elements.

1. Exploration of the subsurface soil by drilling and sampling four (4) soil borings extending to a depth of 6.0 feet BEG for the street improvement and retrieving bituminous cores to determine the pavement thickness.
2. Laboratory testing of selected samples for index classification and strength purposes and visual/manual classification of all recovered samples.
3. Development of Geotechnical recommendations, and preparation of this report presenting our findings, evaluations, and recommendations.
4. Test pH of soil samples at Borings SB-1, SB-2, SB-3 & SB-4 between 1 & 6 feet BEG.



FIELD EXPLORATION PROCEDURES

A total of four (4) soil borings extending to a depth of 6 feet each below existing grade (BEG) were drilled along with five (5) asphalt pavement cores were drilled. The drilled soil boring locations are shown on the enclosed Plates 2 (Boring Location Diagram). The client specified the number depth and the location of the borings and cores.

The borings were drilled with a truck mounted Geoprobe drill rig, using hollow stem augers to advance the borehole. The soil sampling was performed in accordance with the split-barrel procedure (ASTM: D 1586) with an automatic hammer, and in-situ undisturbed samples were retrieved using a split spoon sampler. The crew prepared field logs noting the drilling and sampling methods along with Standard Penetration Test values (N-values, "blows per foot"), observed groundwater levels, and preliminary soil classifications. Representative samples of the recovered soils were placed in sealed jars to reduce moisture loss before being submitted to our laboratory for examination, testing, and final classification by a Geotechnical Engineer.

If present, groundwater levels in the boreholes were measured during and after drilling. The levels of any encountered water are noted on the respective logs. The observed groundwater levels are discussed under the "Groundwater Conditions" section of this report. The drill crew backfilled the boreholes with soil cuttings after completing the groundwater measurements.

LABORATORY TESTING AND CLASSIFICATION

A Geotechnical Engineer initiated the laboratory classification program by examining each sample to determine the major and minor components, while also noting the color, degree of saturation, and lenses or seams found in the samples. The Engineer directed that selected samples be tested for moisture content and unconfined compressive strength (by hand penetrometer). The test results are shown on the respective logs in the Appendix.

The Geotechnical Engineer visually/manually classified the soils on the basis of texture and plasticity in accordance with the Unified Soil Classification System (USCS). The capital letters in parentheses following the written soil descriptions on the boring logs are estimated group symbols based on this system. A chart describing the properties of the groups under this system is also included in the Appendix. After the classification, the Geotechnical Engineer grouped the soils by type into the strata shown on the boring logs. The stratification lines shown are approximate, *in situ*, as the transition between soil types may be abrupt or gradual in both the horizontal and vertical directions.

Soil samples will be retained for ninety (90) days after the date of this report. Please notify us if there is a desire to have the samples retained beyond this period; otherwise, the samples will be discarded.



SITE CONDITIONS

Topography/Surface Features

At the time of our initial site visit, the area consisted of existing paved roadways/Streets. The topography of the site was observed to be relatively sloping towards the east and north with surface elevations ranging from 622.00 to 648.00 between our borings. Elevations were assigned based on GPS coordinates and Google Earth. We strongly recommend that your project surveyor tie these elevations to National Geodetic Vertical Datum.

Soil Conditions

The soils encountered are shown on the borehole log in the Appendix of this report. The soil characteristics have been established only at specific boring locations and under the environmental conditions at the time of our field exploration. Variations in the soil stratigraphy, compressive strength of the soil, and moisture content were encountered; and additional variations probably exist between and around the borings. The nature and extent of these variations would not become evident until exposed by construction excavation.

In general, underlying the surficial silty clay topsoil and fill soils, the site is predominately formed of very stiff lean clay (SB-1 & SB-3), loose, wet sand and gravel (SB-2) and moist to wet organic clay topsoil (SB-4). The soil profile described below is a generalized description of the conditions encountered at the boring location. The borehole log should be referred to for more specific information.

NST crew collected four (4) soil samples from all four (4) borings between 1 & 6 feet below existing grade and tested for pH values by a NELAP certified laboratory. Test results show a pH value of 8.8, 7.9, 8.7, and 8.9 respectively. See Appendix.

Street Improvement:

In boring SB-1, approximately 4 inches of asphalt and 6 inches of sand and gravel aggregate base were noted at the surface followed by firm, dark brown sandy clay fill (FILL) to an approximate depth of 2.0 feet below BEG. Underlying the dark brown sandy clay fill (FILL), very stiff, light brown and brownish gray lean clay (CL) was encountered to the boring termination depth of 6.0 feet BEG. No free groundwater was encountered during or after drilling.

In boring SB-2, approximately 5 inches of asphalt and 4 inches of sand and gravel aggregate base were noted at the surface followed by firm, dark brown sandy clay fill (FILL) to an approximate depth of 2.5 feet below BEG. Underlying the dark brown sandy clay fill (FILL), loose, wet gravel and sand (GP-GW) was encountered to an approximate depth of 5.0 feet BEG followed by very stiff, dark brown lean clay (CL) was encountered to the boring termination depth of 6.0 feet BEG. No free groundwater was encountered during or after drilling.



In boring SB-3, approximately 6 inches of asphalt and 10 inches of aggregate base were noted at the surface followed by firm, dark brown sandy clay fill (FILL) to an approximate depth of 2.0 feet below BEG. Underlying the dark brown sandy clay fill (FILL), stiff to very stiff, dark brown lean clay (CL) was encountered to the boring termination depth of 6.0 feet BEG. No free groundwater was encountered during or after drilling.

In boring SB-4, approximately 7 inches of asphalt and 13 inches of aggregate base were noted at the surface followed by firm, dark brown clayey sand and gravel fill (FILL) to an approximate depth of 2.0 feet below BEG. Underlying the dark brown clayey sand and gravel fill (FILL), stiff to very stiff, black topsoil (TS) was encountered to the boring termination depth of 6.0 feet BEG. No free groundwater was encountered during or after drilling.

The stiff to hard consistency of silty clay was exhibited by calibrated pocket penetrometer resistance (PPR) values of 0.5 ton per square foot (tsf) to 3.0 tsf. Natural moisture content in silty clay was tested to be ranging from 16.1 to 35.2 percent.

Groundwater Conditions

Groundwater level observations were made during and upon completion of drilling. No groundwater was encountered during or after drilling at all borings.

It should be noted that groundwater levels are subject to seasonal and long-term variations in response to climatic conditions and man-made influences. Groundwater levels particularly in less permeable cohesive soils (clay) like those found at the site occasionally, may not have had adequate time to stabilize prior to backfilling the boreholes. The hydrostatic groundwater level and any perched water levels will vary in elevation seasonally and annually depending on local amounts of precipitation, evaporation, surface-runoff, infiltration, and land use. If detailed information about the groundwater levels is required, we recommend installing piezometers or monitoring wells to permit long-term observation of the groundwater levels and the fluctuations in these levels.

Brown and gray coloration is typically an indication of a semi-permanent groundwater table. The brown and gray coloration of clay soils is indicative of oxidation whereas the gray coloration is indicative of a lack of oxidation which tends to occur below the lowest level of groundwater.



REVIEW AND RECOMMENDATIONS

Discussion

Based upon our analysis of the soil conditions, limited laboratory analysis, and the available project information, the following recommendations were developed. If the project characteristics are changed from those assumed herein, our recommendations should be reviewed to see whether any modifications are needed. The soil conditions that were found will permit the use of this area for the proposed construction with recommended upgrading of the existing soil where needed.

Site Preparation

Prior to any construction, soils within the proposed roadway improvements (if found unsuitable) especially in the vicinity of boring SB-4, should be upgraded to carry the design traffic loads. All existing topsoil and/or any other unsuitable fill materials, along with organic clays should be re-evaluated or removed below the design elevation. Voids created in doing this should be backfilled with select compacted granular fill. All existing utilities/structures (if encountered) should also be properly removed, and trenches should be backfilled with compacted granular fill.

The exposed, naturally occurring subgrade soil should be observed and tested by a Geotechnical Engineer or an experienced Materials Technician from **NASHnal Soil Testing, LLC** office to identify the unsuitable soils. The subgrade soil should be carefully observed & proof-rolled, and any unsuitable or unstable materials should be removed from the pavement subgrade areas, especially around the area of SB-4. If perched water is encountered or if rain or snowfall occurs, dewatering may be required in these areas when exposed or if subjected to any other form of water infiltration that would saturate the area.

To backfill the over-excavated areas if any under the roadway, we recommend using imported granular material meeting the gradation requirements of IDOT CA-6. Clayey soils can also be used as backfill, however, it is difficult to compact clayey soils in the narrow trenches in order to achieve the project specifications.

Granular fill meeting the CA-6 gradation specifications should be placed in 8 to 10-inch loose lifts and compacted to at least 95% of the maximum Modified Proctor dry density (ASTM: D 1557). If used, clayey materials should be placed in 6 to 8-inch loose lifts and compacted to at least 95% of the maximum Modified Proctor dry density (ASTM: D 1557) or 98% of the maximum Standard Proctor dry density (ASTM: D 698). Please refer to the notes in the report Appendix concerning placement of compacted fill soils.



Flexible, Rigid and Permeable Pavement

The pavement design calculation was not part of NST's scope, however, based upon the minimal traffic information provided by the client and the field core thicknesses retrieved from the locations for this phase of inspection, it is our professional opinion in general, that bituminous, rigid and permeable pavement can be constructed.

If permeable pavers are used, we recommend creating finger drains below the stone layers to drain the water away from the porous subgrade stone as in general the soil layer below recommended stone will not absorb much water as it is carrying high moisture content as it exists.

CONSTRUCTION CONSIDERATIONS

Groundwater

Based on the conditions found in the borings, groundwater is not expected during the excavation for footings or during the soil improvement process. Any water, which enters excavations from perched groundwater seepage, surface run-off, or direct precipitation, must be promptly pumped out. Water must not be allowed to pond on the subgrade soils since it could soften and disturb them. The contractor should be prepared to handle both surface and groundwater encountered during the construction. The contractor shall plan an appropriate dewatering scheme so that all construction activities are performed in dry and stable conditions, especially to avoid potential post construction settlement in sandy materials with shallow groundwater.

Structural fill and pavement should not be placed in standing water or on wet or disturbed soils. Placing fill, asphalt, or concrete into standing water or over disturbed soil can trap softened soil under the structure and lead to excessive post-construction settlement/cracking & rutting, even if the softened zone is only a few inches thick.

Equipment Selection/Soil Disturbance

The soil types at this site, particularly the silty clays when they are saturated or during freeze/thaw conditions, could be disturbed by construction equipment. It is the contractor's responsibility to choose equipment and work procedures, which will not unduly disturb the subgrade soils in the construction and landscaped areas. The contractor should also route construction traffic away from areas of planned pavement and slabs, to minimize soil disturbance.

If the equipment that is chosen causes rutting or pumping of the soil, it is the contractor's responsibility to switch to other types of equipment. The responsibility to properly select construction equipment to avoid disturbing soil on the site lies solely with the contractor. A note to this effect should be included in the project specifications.



Winter Construction

If the construction of this project begins or extends into the winter, the contractors must take special precautions. Only unfrozen fill and backfill should be used, and contractors may charge extra for importing unfrozen soil or keeping stockpiles of backfill from freezing. Clay soil will be especially difficult to work with under cold wet and/or freezing conditions. Placement of fill and/or asphalt/concrete must not be permitted on frozen soil, and the bearing soils or subgrade should not be allowed to freeze after the concrete is placed. All footing excavations should be protected from freezing conditions and maintained free of ponded water before asphalt/concrete placement. The footings should be cast as soon as possible after excavation is prepared and backfilled as soon as possible after the concrete has attained its strength.

Construction Safety

All excavations must comply with the requirements of OSHA 29 CFR, Part 1926, Subpart P "Excavations and Trenches." This document states that excavation safety is solely the responsibility of the contractor; the determination of SAFE slopes for excavation and trenches is to be made by the contractor's "competent person." Reference to this OSHA requirement should be included in the job specifications. The temporary excavation slopes greater than 5 feet in depth should conform to OSHA regulations. In general, such slopes should not be steeper than 1.5 horizontal to 1 vertical (OSHA Soil Type C), unless shoring is used.

The responsibility to provide safe working conditions on this site for earthwork, construction, or any associated operations, is not borne in any manner by NASHnal Soil Testing, LLC.

Field Observation and Testing

Proper observation and testing during the construction phase of this project is an integral part of our recommendations. On-site observation during site preparation, fill placement, compaction, and footing construction, should be done by qualified personnel from **OUR** office. Exposed soils in excavations for backfill should be tested by means of hand auguring, and with a Dynamic Cone Penetrometer (DCP) in sandy soils or a Static Cone Penetrometer (SCP) in clayey soils.

Proposed fill materials should be submitted to our lab for Proctor compaction tests, and tests to check compliance with our recommendations and project specifications. A representative number of field density tests should be taken in compacted fill to aid in judging its suitability. The building materials should be tested in accordance with the project specifications. We would be pleased to provide the testing services for this project.



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Street Improvements at Inner Circle St., Hosmer Ln. & Rahill Ct. in
Crest Hill, IL
Project Number 2025-1301-01G
January 28, 2025

GENERAL QUALIFICATIONS

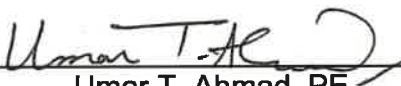
This report has been prepared based on the soil and groundwater conditions found in our borings and on the design data that you have related to us. This report is intended solely for this project at the specific locations identified in the Introduction and Scope of Services. If there are any changes in size, scope, elevation, structural loads, location, use or nature of the structure from those discussed in the introduction of this report, or if our understanding of the project is incorrect or incomplete, we should be given the opportunity to review or modify our recommendations. If changes are made in the design and we are not given the opportunity to review these changes relative to our recommendations and to respond in writing, or we are not provided the opportunity to confirm the soil conditions are as expressed in this report during the construction of this project, our recommendations will not be considered valid. No specific efforts were performed to determine the thickness of the topsoil layer, the topsoil thickness given in our logs is an estimate. If the true thickness of topsoil is required, we recommend that numerous detailed hand augur probes be performed throughout this parcel.

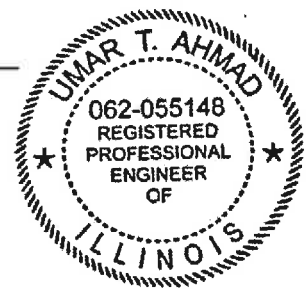
For this geotechnical exploration, we drilled four (4) soil borings in the specified areas. Variations in the subsurface conditions may be found during construction, and it is probable that additional variations exist on the site that cannot be determined from our boring or the site reconnaissance. These variations, which could include greater or shallower depths of unsuitable soils than found at our borings, would not become apparent until the excavation is started. No warranty, express or implied, is presented in this report with respect to the soil and groundwater conditions on this site.

STANDARD OF CARE

The recommendations and opinions contained in this report are based on our interpretation of the subsurface conditions and represent our professional judgment. These judgments were determined in accordance with currently accepted engineering practices at this time and location, by professionals working under similar time and budget constraints. No other warranty is implied or intended.

Prepared by:


Umar T. Ahmad, PE
Registered Professional Engineer, Illinois
Registration # 062-055148



Expires 11/30/2025



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Street Improvements at Inner Circle St., Hosmer Ln. & Rahill Ct. in
Crest Hill, IL
Project Number 2025-1301-01G
January 28, 2025

APPENDIX

SITE LOCATION DIAGRAM (Plate No. 1)

BORING LOCATION DIAGRAMS (Plate No. 2)

BORING LOGS (Plate No. 3 to 6)

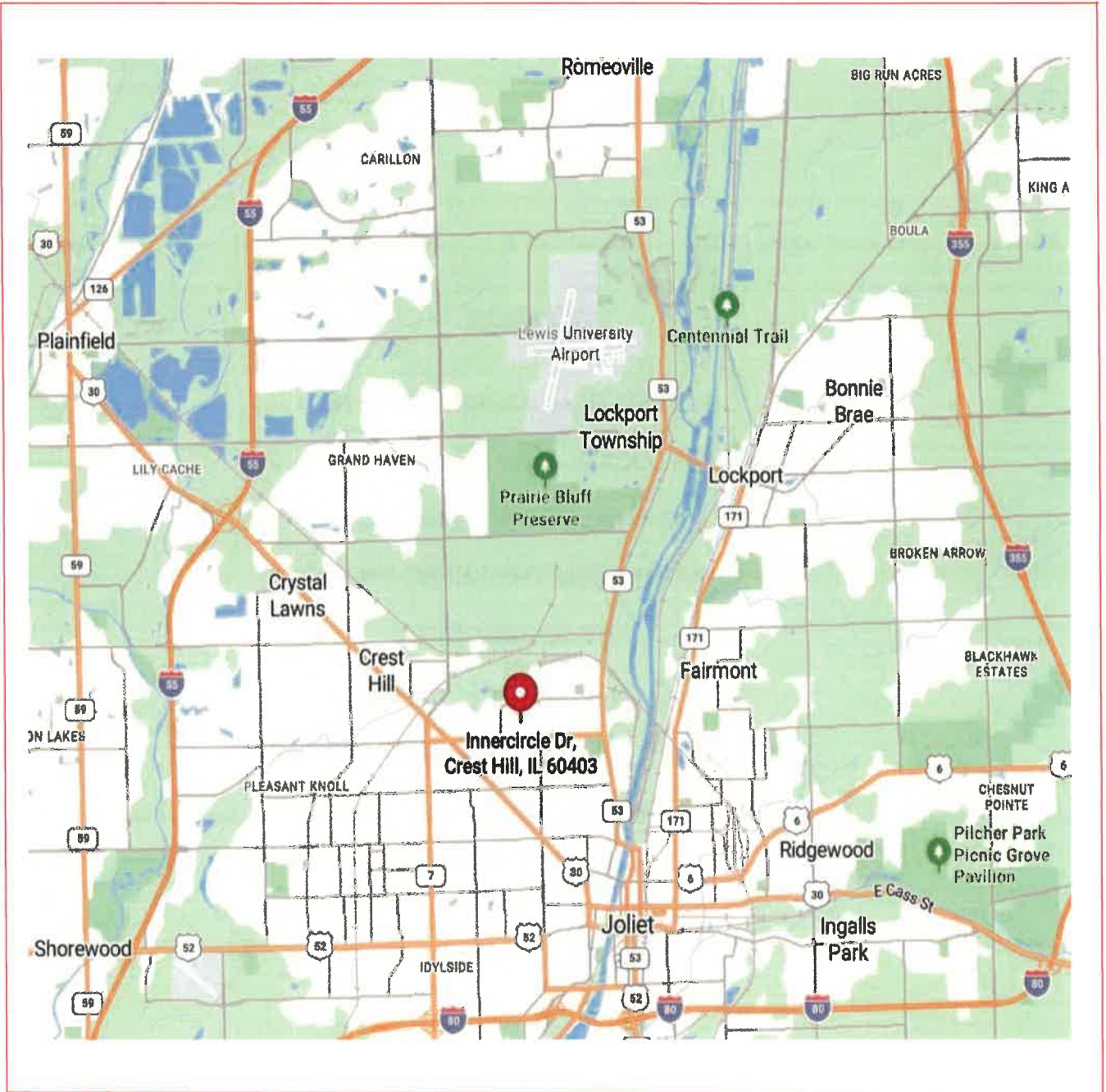
PAVEMENT CORE THICKNESS (Plate No. 7)

KEY TO TEST DATA

CLASSIFICATION OF SOILS

NOTES ON PLACEMENT OF COMPACTED FILL

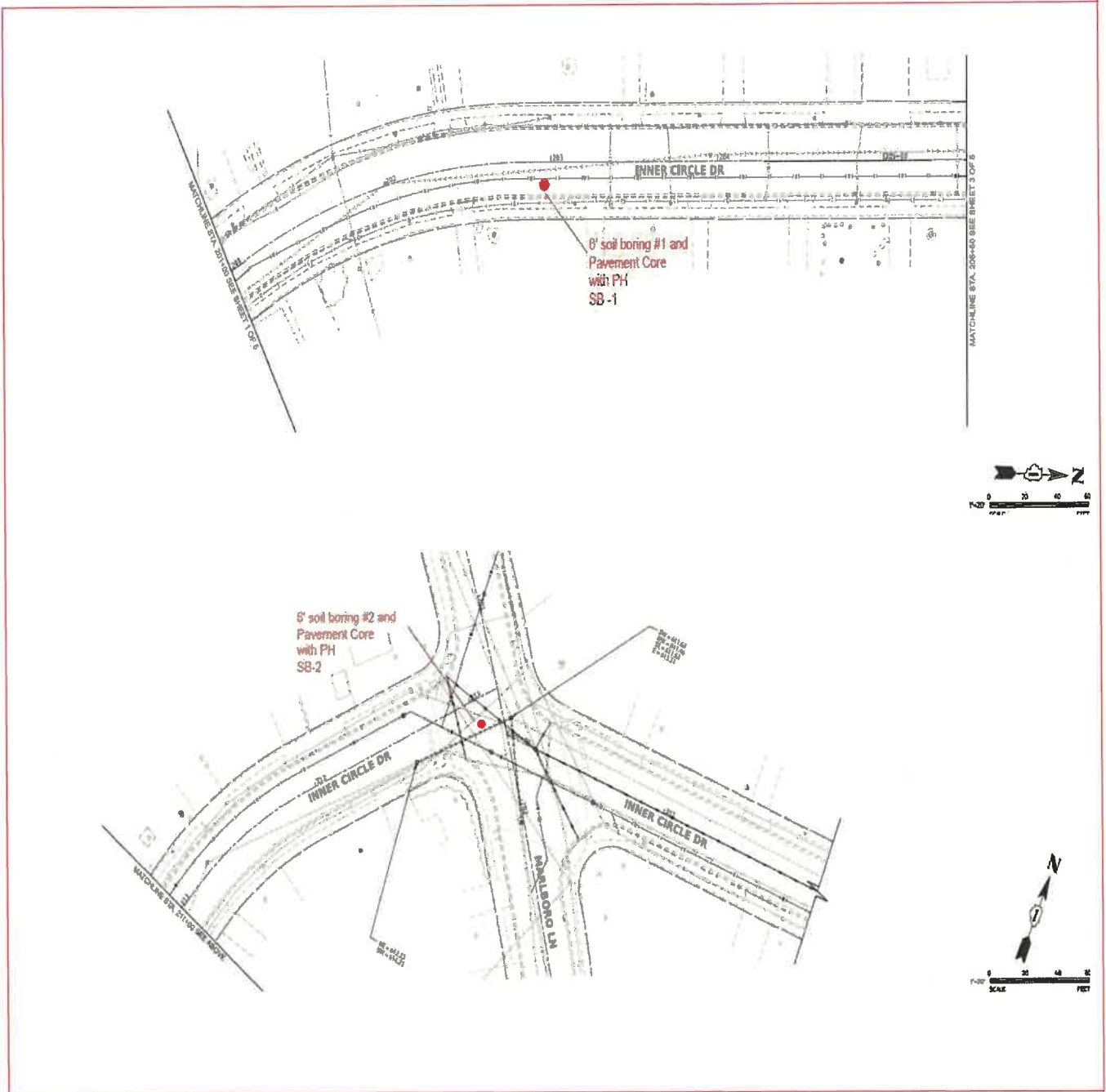
pH RESULTS BY NELAP LABORATORY



2025-1301-01G

Plate No. 1

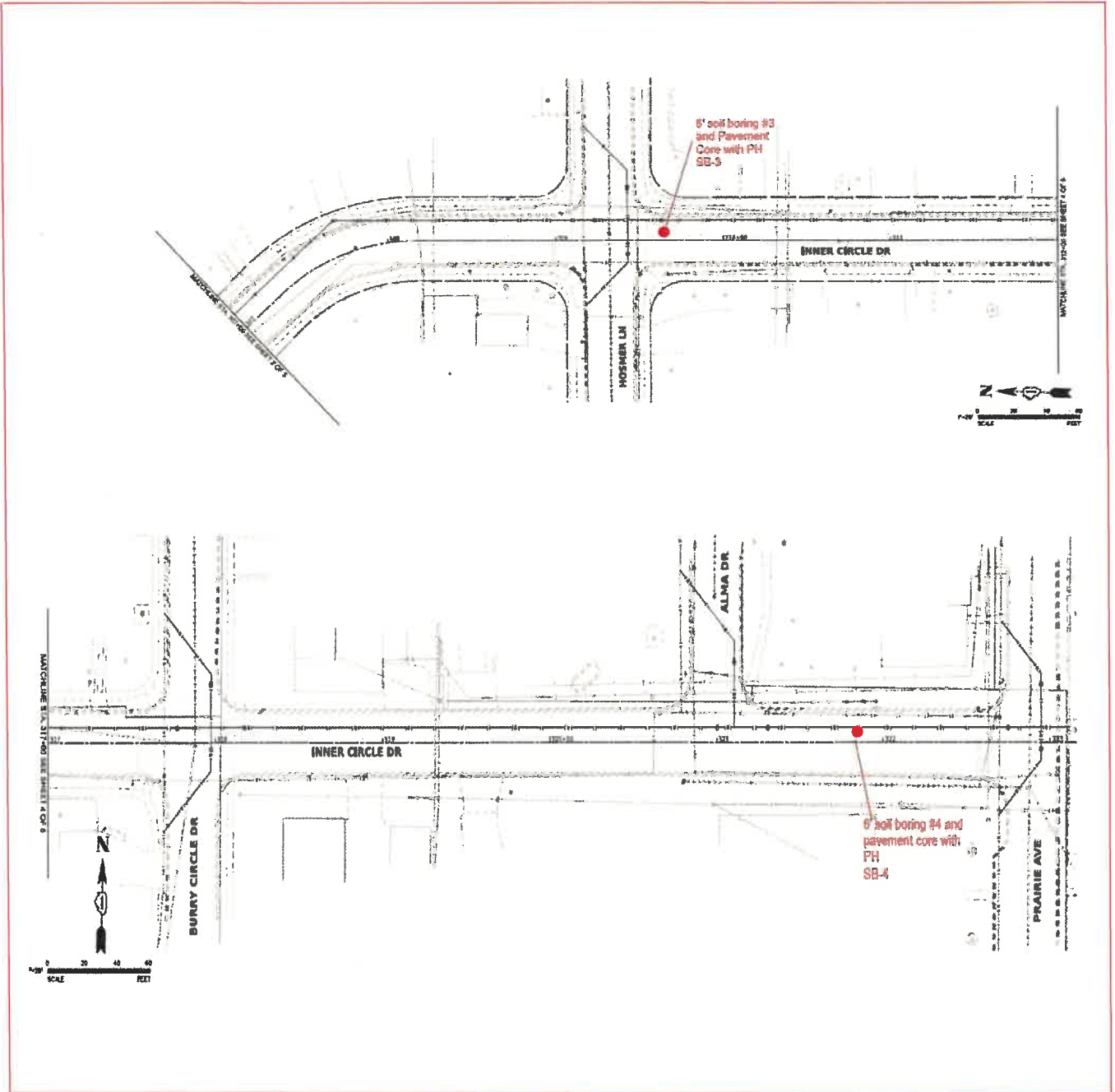
**Street Improvements at
Inner Circle Street, Hosmer Lane and Rahill Court
Crest Hill, IL
Site Location Diagram**



2025-1301-01G

Plate No. 2-1

**Street Improvements at
Inner Circle Street, Hosmer Lane and Rahill Court
Crest Hill, IL
Boring Location Diagram**



2025-1301-01G

Plate No. 2-2

**Street Improvements at
Inner Circle Street, Hosmer Lane and Rahill Court
Crest Hill, IL
Boring Location Diagram**



23856 W. Andrew Rd, Unit 103, Plainfield,

BOREHOLE LOG

Number

SB-1

Plate 3

Client	V3 Companies
Location	Inner Circle Improvement, Cresthill, IL
Job Number	2024-1301-15G
Drill Rig Type	Geoprobe 7822
Sampler Type	Split Spoon (SS)
Boring Location	See Plate 2 (STA 202+95)
Boring Elevation (ft)	648.00

Date: 1/6/2025

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5		AS	4 Inches of Asphalt	647.50
						1.0		AB	6 Inches Aggregate Base with Sand & Gravel	647.00
						1.5			Dark Brown Sandy Clay Fill (FILL)	646.50
1	SS	1.00	6.0	20.5	7	2.0			With Gravel-Firm	646.00
						2.5			Light Brown Silty Clay (CL)	645.50
						3.0			Trace Sand and Gravel-V. Stiff	645.00
						3.5				644.50
						4.0				644.00
2	SS	1.50	10.0	22.6	7	4.5			Color Changes to Brown & Grey	643.50
						5.0				643.00
						5.5				642.50
3	SS	1.50	6.0	16.1	7	6.0			Unit Weight: 110.0 pcf	642.00

End of Boring at 6.0'

Water Level While Drilling : None
 Water Level After Drilling : None
 Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability



BOREHOLE LOG

Number

SB-2

Plate 4

Client	V3 Companies
Location	Inner Circle Improvement, Cresthill, IL
Job Number	2024-1301-15G
Drill Rig Type	Geoprobe 7822
Sampler Type	Split Spoon (SS)
Boring Location	See Plate 2 (STA 212+00)
Boring Elevation (ft)	622.00

23856 W. Andrew Rd, Unit 103, Plainfield,

Date: 1/6/2025

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5		AS	5 inches of Asphalt	621.50
						1.0		AB	4 Inches Aggregate Base with Sand & Gravel	621.00
						1.5			Dark Brown Sandy Clay Fill (FILL)	620.50
1	SS	0.50	10.0	16.4	0	2.0			With Gravel-Firm	620.00
						2.5				619.50
						3.0			Brown Gravel with Sand (GP-GW)	619.00
						3.5			Trace Clay, Loose, Wet	618.50
						4.0				618.00
2	SS	N/A	4.0	-	0	4.5				617.50
						5.0				617.00
						5.5			Dark Brown Silty Clay (CL)	616.50
3	SS	2.00	6.0	17.5	2	6.0			Trace Sand & Gravel, V Stiff, Unit Weight: 115.4 pcf	616.00

End of Boring at 6.0'

Water Level While Drilling : None

Water Level After Drilling : None

Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability



23856 W. Andrew Rd, Unit 103, Plainfield,

BOREHOLE LOG

Number

SB-3

Plate 5

Client	V3 Companies
Location	Inner Circle Improvement, Cresthill, IL
Job Number	2024-1301-15G
Drill Rig Type	Geoprobe 7822
Sampler Type	Split Spoon (SS)
Boring Location	See Plate 2 (STA 1309+60)
Boring Elevation (ft)	645.00 Date: 1/6/2025

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5		AS	6 Inches of Asphalt	644.50
						1.0		AB	10 Inches Aggregate Base	644.00
						1.5			Dark Brown Clayey Sand & Gravel Fill (FILL)	643.50
1	SS	N/A	6.0	N/A	14	2.0			With Gravel-Firm	643.00
						2.5			Dark Brown Silty Clay (CL)	642.50
						3.0			Trace Sand & Gravel, Stiff	642.00
						3.5				641.50
						4.0				641.00
2	SS	1.50	10.0	18.1	12	4.5			Unit Weight: 112.4 pcf	640.50
						5.0				640.00
						5.5				639.50
3	SS	3.00	6.0	17.5	19	6.0			with Grey Streaks, V Stiff, Unit Weight: 112.2 pcf	639.00

End of Boring at 6.0'

Water Level While Drilling : None
 Water Level After Drilling : None
 Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability



23856 W. Andrew Rd, Unit 103, Plainfield,

BOREHOLE LOG

Number

SB-4

Client	V3 Companies	Plate 6
Location	Inner Circle Improvement, Cresthill, IL	
Job Number	2024-1301-15G	
Drill Rig Type	Geoprobe 7822	
Sampler Type	Split Spoon (SS)	
Boring Location	See Plate 2 (STA 1321+80)	
Boring Elevation (ft)	643.00	Date: 1/6/2025

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5		AS	7 inches of Asphalt	642.50
						1.0		AB	13 Inches Aggregate Base	642.00
						1.5			641.50	
1	SS	N/A	6.0	N/A	5	2.0			Dark Brown Clayey Sand & Gravel Fill (FILL)	641.00
						2.5			Black Top Soil (TS)	640.50
						3.0			with sand & gravel & Clay , Stiff	640.00
						3.5				639.50
						4.0				639.00
2	SS	1.00	10.0	35.2	11	4.5			Unit Weight: 91.8 pcf	638.50
						5.0				638.00
						5.5			With more clay, Consistency changes to V Stiff	637.50
3	SS	2.50	6.0	25.8	6	6.0			Unit Weight: 91.7 pcf	637.00

Cave In Depth : None
 Water Level While Drilling : None
 Water Level After Drilling : None
 Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability



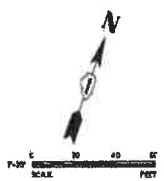
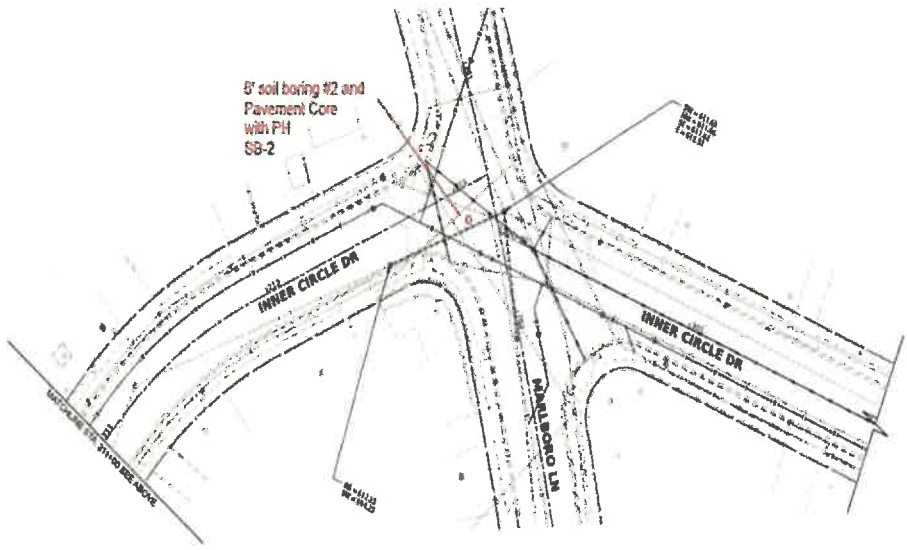
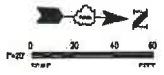
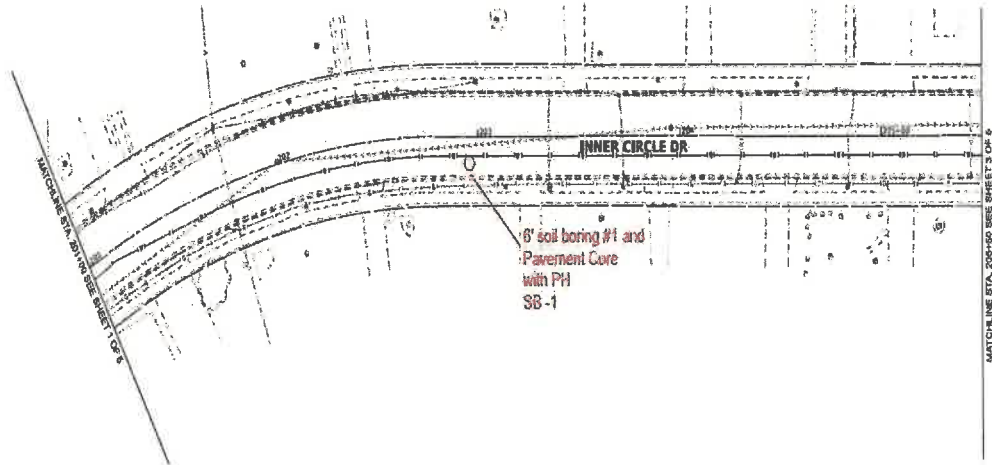
Pavement Core Locations and Thickness Data

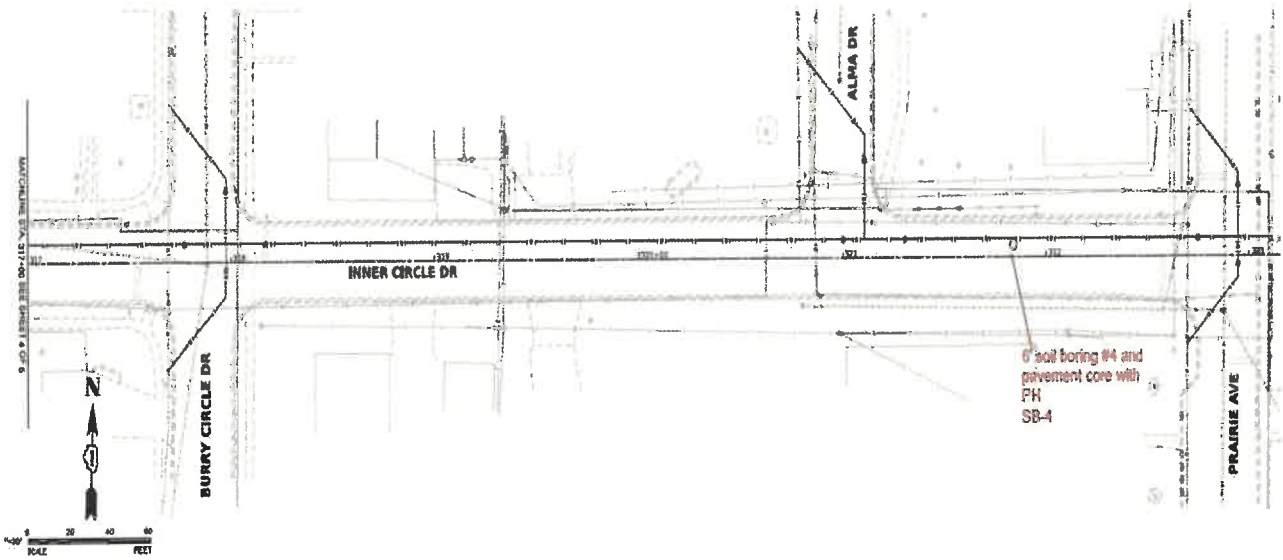
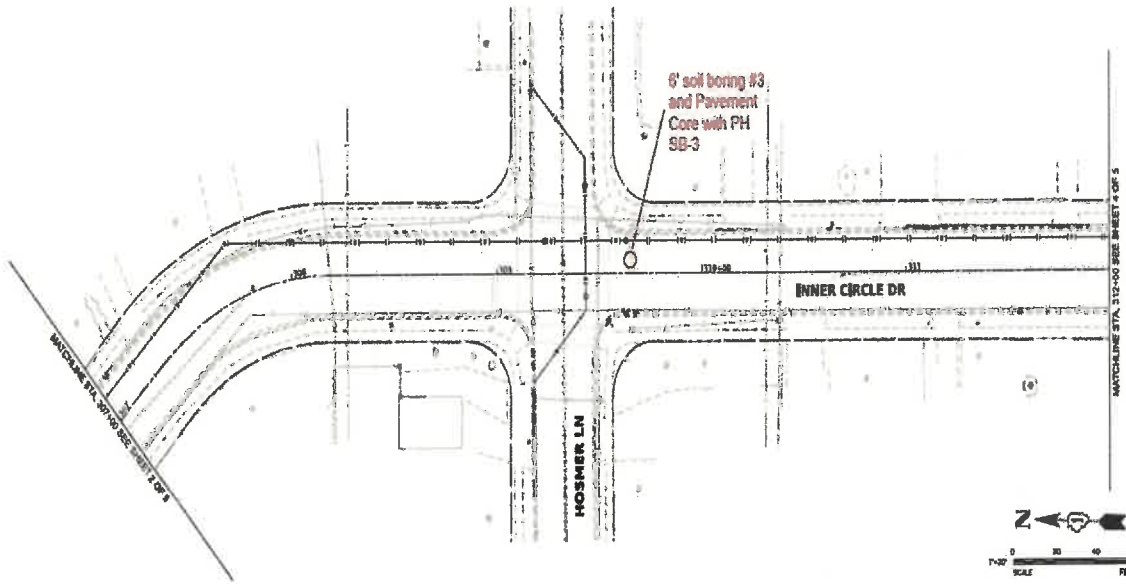
Core ID	Core Location	Aggregate Base Thickness (Inch)	Average Asphalt Core Thickness (Inch)
SB-1	Inner Circle. STA 202+95 Right Lane	6.0	4.0
SB-2	Inner Circle. STA 213+00 Right Lane	4.0	5.0
SB-3	Inner Circle. STA 309+60 Right Lane	10.0	6.0
SB-4	Inner Circle. STA 321+80 Left Lane	13" Mix With Sand	7.0
C-1	Hosmer Lane STA 101+90 Left Lane	13.0	6.0
C-2	Inner Circle STA 208+50 Left Lane	9.5	4.0
C-3	Rahill Court STA 500+15 Right Lane (Intersection with Inner Circle)	4.0	3.0
C-4	Inner Circle STA 303+00 Right Lane	10.0	5.75
C-5	Inner Circle. STA 314+60 Left Lane	10.5	5.75

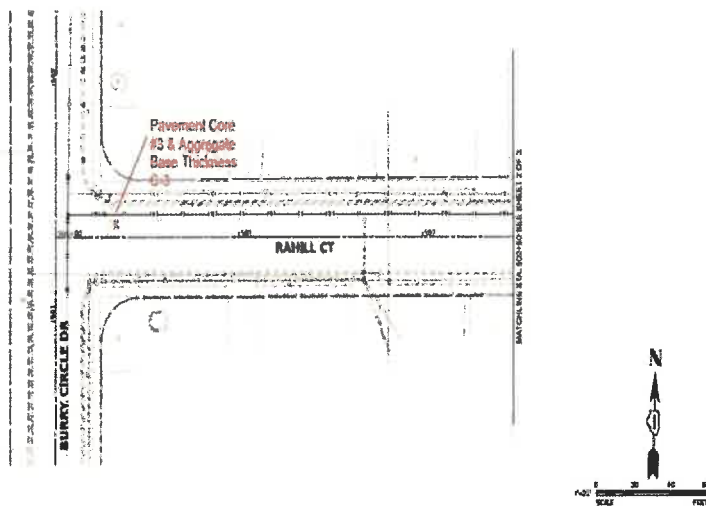
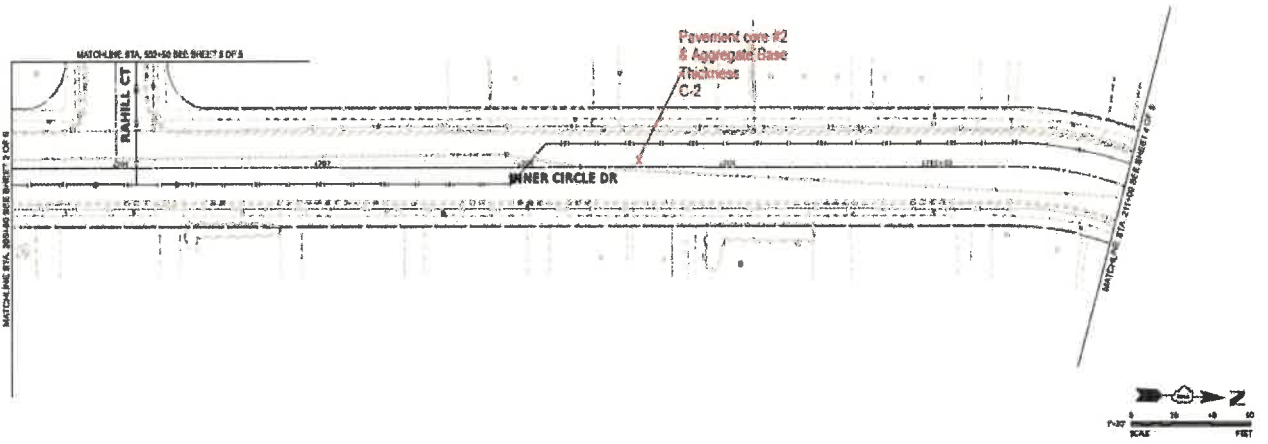
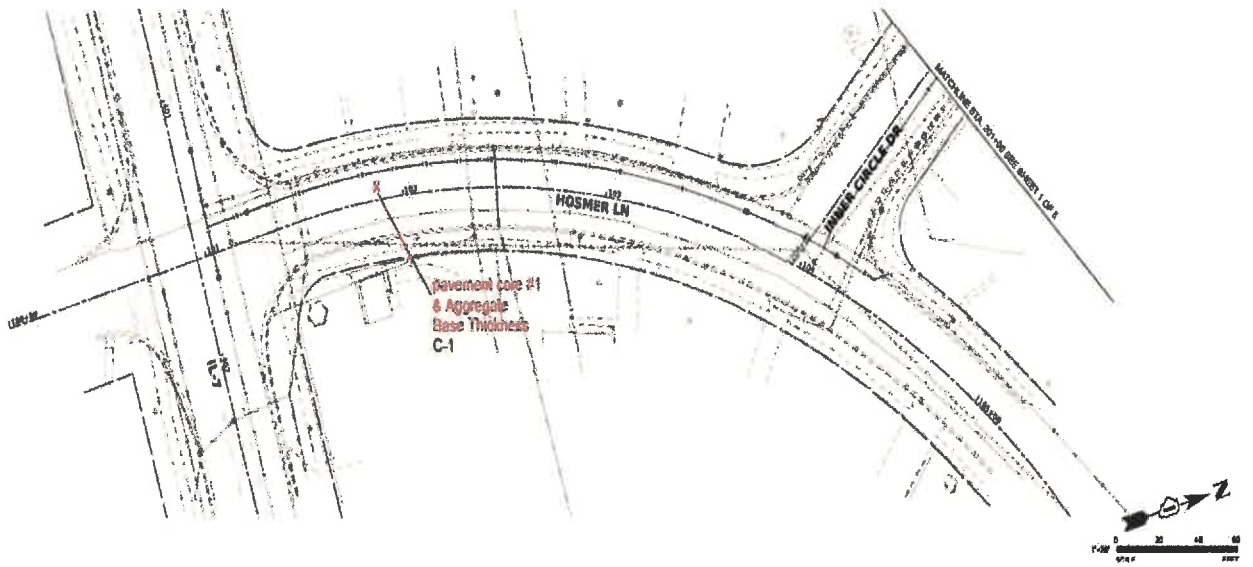
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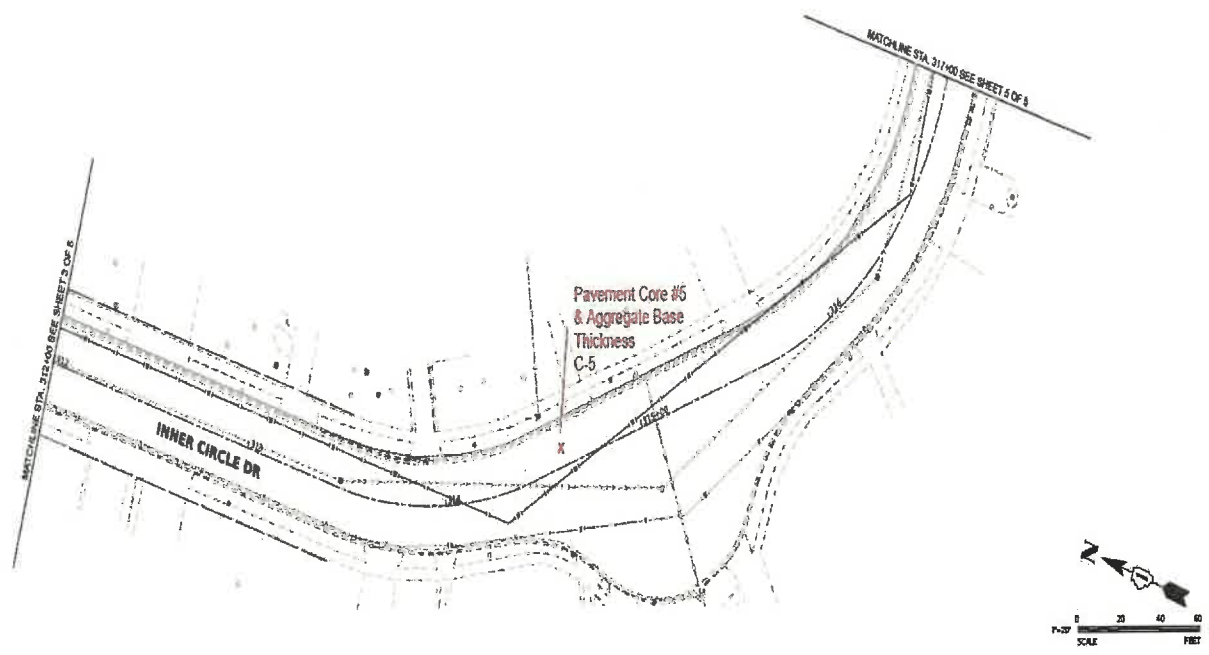
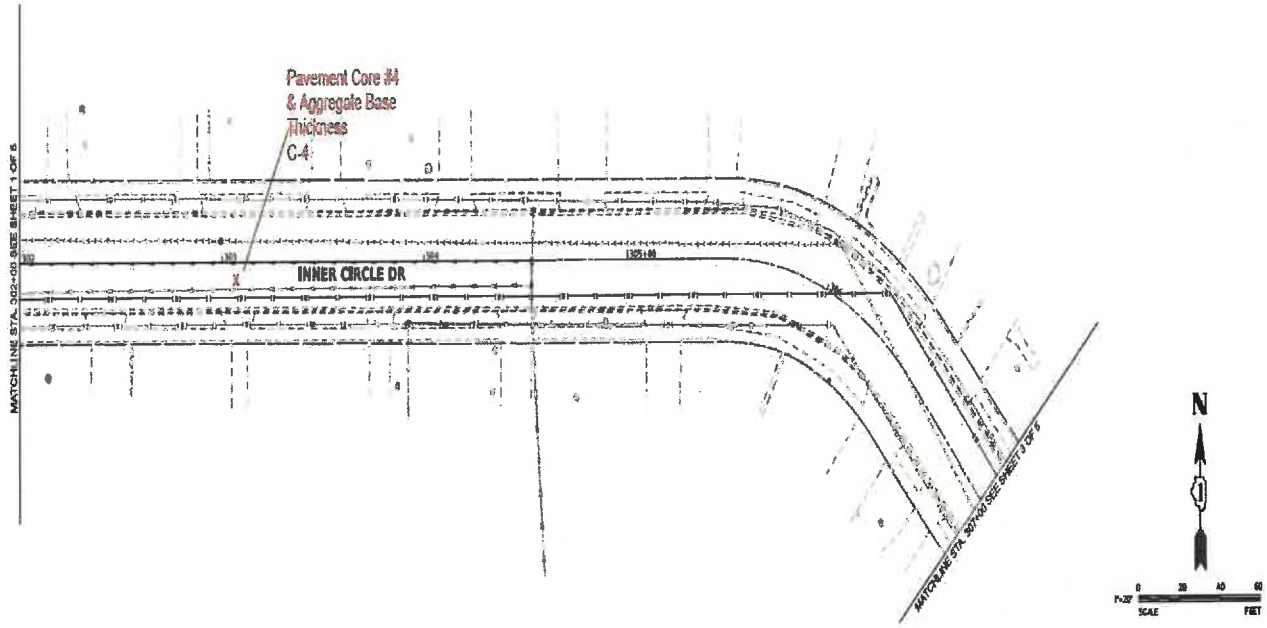
Plate No. 7

**Street Improvements at
Inner Circle Street. Hosmer Lane & Rahill Court
Crest Hill, IL
Pavement Core Locations and Thickness Data**











KEY TO TEST DATA

DRILLING & SAMPLING SYMBOLS:

<p>SL = SS with Liner SS = Split Spoon — 1½" I.D., 2" O.D., unless otherwise noted ST = Shelby Tube — 2" O.D., unless otherwise noted PA = Power Auger DB = Diamond Bit — NX: BX: AX AS = Auger Sample JS = Jar Sample VS = Vane Shear</p>	<p>ST = 3" Shelby Tube HS = Hollow Stem Auger WS = Wash Sample FT = Fish Trail RB = Rock Bit BS = Bulk Sample PM = Pressuremeter test—in situ</p>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Standard "N" Penetration = Blows per foot of a 140 pound hammer falling 30 inches on a 2-inch OD split spoon, except where noted.

WATER TABLE

MEASUREMENT SYMBOLS

WL =	Water Level
WCI =	Cave In
DCI =	Dry Cave In
WS =	While Sampling
WD =	While Drilling
BC =	Before Casing Removal
ACR =	After Casing Removal
AB =	After Boring

Water levels indicated on the boring logs are the levels measured in the boring at the times indicated. In pervious soils, the indicated elevations are considered reliable ground water levels. In impervious soils, the accurate determination of ground water elevations is not possible even after several days observation, and additional evidence of ground water elevations must be sought.

GRADATION DESCRIPTION & TERMINOLOGY

Coarse Grained or Granular Soils have more than 50% of their dry weight retained on a #200 sieve; they are described as: boulders, cobbles, gravel or sand. Fine Grained Soils have less than 50% of their dry weight retained on a #200 sieve; they are described as: clays or clayey silts if they are cohesive, and silts if they are non-cohesive. In addition to gradation, granular soils are defined on the basis of their relative in-place density and fine grained soils on the basis of their strength or consistency, and their plasticity.

<u>Major Component Of Sample</u>	<u>Size Range</u>	<u>Descriptive Term(s) (Of Components Also Present in Sample)</u>	<u>Percent of Dry Weight</u>
Boulders	Over 8 in. (200mm)	Trace	1 — 9 .
Cobbles	8 in. to 3 in. (200mm to 75mm)	Little	10 — 19
Gravel	3 in. to #4 sieve (75mm to 2mm)	Some	20 — 34
Sand	#4 to #200 sieve (2mm to .074mm)	And	35 — 50
Silt	Passing #200 sieve (0.074mm to 0.005mm)		
Clay	Smaller than 0.005mm		

CONSISTENCY OF COHESIVE SOILS

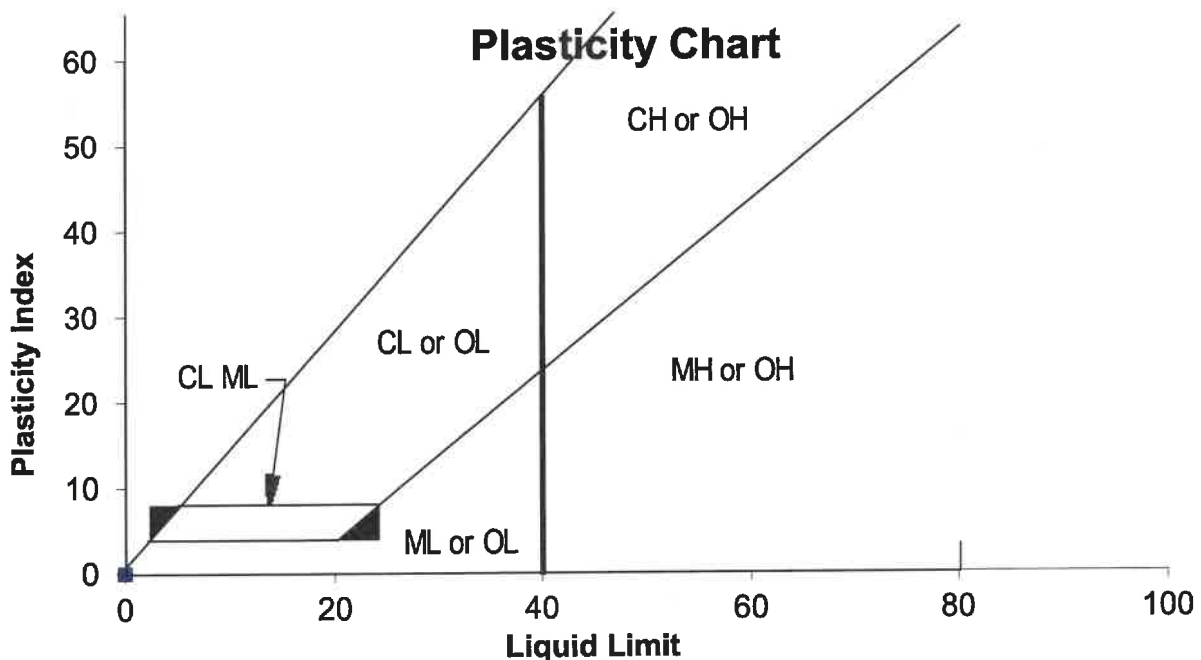
RELATIVE DENSITY OF GRANULAR SOILS

<u>Unconfined Comp. Strength, Qu, tsf</u>	<u>Consistency</u>	<u>N — Blows/ft.</u>	<u>Relative Density</u>
<0.25 —	Very Soft	0 — 3	Very Loose
0.25 — 0.49	Soft	4 — 9	Loose
0.50 — 0.99	Medium (Firm)	10 — 29	Medium Dense
1.00 — 1.99	Stiff	30 — 49	Dense
2.00 — 3.99	Very Stiff	50 — 80	Very Dense
4.00 — 8.00	Hard	80 +	Extremely Dense
>8.00	Very Hard		



UNIFIED SOIL CLASSIFICATION CHART

CRITERIA FOR ASSIGNING GROUP NAMES & GROUP SYMBOLS USING LABORATORY TEST RESULTS				Soil Classification		
				Group Symbol	Group Name	
COURSE-GRAINED SOILS	More than 50% retained on #200 Sieve	GRAVELS More than 50% of course fractions are retained on #4 sieve	CLEAN GRAVELS Less than 5% fines	$Cu \leq 4$ and $1 \leq Cc \leq 3$	GW	Well Graded Gravel
				$Cu < 4$ and/or $1 > Cc > 3$	GP	Poorly Graded Gravel
		GRAVELS With more than 12% fines	Fines classify as ML or MH	GM	Silty Gravel	
			Fines classify as CL or CH	GC	Clayey Gravel	
	50% or more of course fractions passes #4 sieve	SANDS 50% or more of course fractions passes #4 sieve	CLEAN SANDS Less than 5% fines	$Cu \leq 6$ and $1 \leq Cc \leq 3$	SW	Well Graded Sand
				$Cu < 6$ and/or $1 > Cc > 3$	SP	Poorly Graded Sand
		SANDS With more than 12% fines	Fines classify as ML or MH	SM	Silty Sand	
			Fines classify as CL or CH	SC	Clayey Sand	
FINE-GRAINED SOILS	50% or More Passed the #200 Sieve	SILTS & CLAYS Liquid Limit Lower than 50%	Inorganic	$PI > 7$ and plots on or above "A" line	CL	Non to Low Plasticity Clay
				$PI < 4$ and plots below "A" line	ML	Silt
		Organic	$\frac{\text{Liquid Limit (Oven Dried)}}{\text{Liquid Limit (Not Dried)}} < 0.75$	OL	Organic Clay or Silt	
		SILTS & CLAYS Liquid Limit 50% or Higher	Inorganic	PI plots on or above "A" line	CH	Highly Plastic Clay
			PI plots below "A" line	MH	Elastic Silt	
	Organic	$\frac{\text{Liquid Limit (Oven Dried)}}{\text{Liquid Limit (Not Dried)}} < 0.75$	OH	Organic Clay or Silt		
Highly Organic Soils		Primarily organic material, darker and with organic odor		PT	Peat	





NOTES ON PLACEMENT OF COMPACTED FILL SOIL

GENERAL

The placement of compacted fill for support of foundations, floor slabs, pavements, or earth structures should be carried out by an experienced excavator with the proper equipment. The excavator must be prepared to adapt his procedures, equipment, and materials to the type of project, to weather conditions, and the structural requirements of the architect and engineer. Methods and materials used in summer may not be applicable in winter; fill used in dry excavations may not be suitable in wet excavations or during periods of precipitation; proposed fill soil may require wetting or drying for proper placement and compaction. Conditions may also vary during the course of a project or in different areas of the site. These needs should be addressed in the project drawings and specifications.

EXCAVATION/BACKFILL BELOW THE WATER TABLE

It is common to have to excavate and replace unsuitable soils below the water table for site correction. As a general rule of prudent construction technique, we recommend that excavation/backfill below the water table not be permitted, unless the excavation is dewatered. Numerous problems can develop when this procedure is attempted without dewatering.

- Inability of the equipment operators and soil technicians to observe that all unsuitable soil/materials have been removed from the base of the excavation.
- Inability to observe and measure that proper lateral oversizing is provided.
- Inability to prevent or correct sloughing of excavation sidewalls, which can result in unsuitable soils trapped within the select backfill.
- Inability of the contractor to adequately and uniformly compact the backfill.
- Possibility of disturbance of the suitable soils at the base of the excavation.

The dewatering methods, normally chosen at the contractor's option, should follow prudent construction practice. Excavations in clay can often be dewatered with sump pits and pumps; this technique would not be applicable for excavation extending into permeable granular soil, especially for depths significantly below the water table. Dewatering granular soils should normally be done with well points or wells. When dewatering is needed, we strongly recommend that the procedures be discussed at pre-bid or pre-construction meetings. The architect and engineer should review the dewatering technique chosen by the contractor before construction starts; it should not be left until excavation is under way.

The selection of proper backfill materials is important when working in dewatered excavations. Even with dewatering, the base is usually wet and the contractor must be careful not to disturb the base. We recommend that the first lifts of backfill be a clean medium to coarse grain sand with less than 5% passing the #200 sieve. The use of silty sand, clayey sand, or cohesive/semi-cohesive soils is not recommended for such situations. The excavator should be required to submit samples of the proposed material(s) he plans to use as backfill before the fill is hauled to the site, so that it can be tested for suitability.

WINTER EARTHWORK CONSTRUCTION

Winter earthwork presents its own range of problems, which must be overcome; the situation may be complicated by the need for dewatering discussed above.

During freezing conditions, the fill used must not be frozen when delivered to the site. It also must not be allowed to freeze during or after compaction. Since the ability to work the soil while keeping it from freezing depends in part on the soil type, the specifications should require the contractor to submit a sample of his proposed fill before construction starts, for laboratory testing. If the soil engineer and structural engineer determine that it is not suitable, it should be rejected. In general, silty sand, clayey sand, and cohesive/semi-cohesive soils should not be used as fill under freezing conditions. All frozen soil of any type should be rejected for use as compacted fill.

It is important that compacted fill be protected from freezing after it is placed. The excavator should be required to submit a plan for protecting the soil. The plan should include details on the type and amount of material (straw, blankets, extra loose fill, topsoil, etc.) proposed for use as frost protection. The need to protect the soil from freezing is ongoing throughout construction and applies both before and after concrete is placed, until backfilling for final frost protection is completed. Foundations placed on frozen soil can experience heaving and significant settlement, rotation, or other movement as the soil thaws. Such movement can also occur if the soil is allowed to freeze after the concrete is placed and then allowed to thaw. The higher the percentage of fines (clay and silt, P-200 material) in the fill, the more critical is the need for protection from freezing.

 **ANALYTICAL REPORT****PREPARED FOR**

Attn: Umar T Ahmad
NASHnal Soil Testing, LLC
23856 W. Andrew Road
Unit 103
Plainfield, Illinois 60585
Generated 1/10/2025 4:35:26 PM

JOB DESCRIPTION

Inner Circle, Crest Hill

JOB NUMBER

500-262424-1

Eurofins Chicago

Job Notes

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1/10/2025 4:35:26 PM

Authorized for release by
Jim Knapp, Senior Project Manager
Jim.Knapp@et.eurofinsus.com
(630)758-0262

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- 6
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- 8
- 9
- 10
- 11
- 12
- 13



Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Detection Summary	5
Method Summary	6
Sample Summary	7
Client Sample Results	8
Definitions	12
QC Association	13
Chronicle	14
Certification Summary	15
Chain of Custody	16
Receipt Checklists	17

Case Narrative

Client: NASHnal Soil Testing, LLC
Project: Inner Circle, Crest Hill

Job ID: 500-262424-1

Job ID: 500-262424-1

Eurofins Chicago

Job Narrative
500-262424-1

Receipt

The samples were received on 1/8/2025 12:30 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.5° C.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



Detection Summary

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1

Client Sample ID: SB-1 Bag

Lab Sample ID: 500-262424-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
pH	8.8		0.2	0.2	SU	1			9045D	Total/NA

Client Sample ID: SB-2 Bag

Lab Sample ID: 500-262424-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
pH	7.9		0.2	0.2	SU	1			9045D	Total/NA

Client Sample ID: SB-3 Bag

Lab Sample ID: 500-262424-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
pH	8.7		0.2	0.2	SU	1			9045D	Total/NA

Client Sample ID: SB-4 Bag

Lab Sample ID: 500-262424-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
pH	8.9		0.2	0.2	SU	1			9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Method Summary

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1

Method	Method Description	Protocol	Laboratory
9045D	pH	SW846	EET CHI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200



Sample Summary

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-262424-1	SB-1 Bag	Solid	01/06/25 09:00	01/08/25 12:30
500-262424-2	SB-2 Bag	Solid	01/06/25 10:00	01/08/25 12:30
500-262424-3	SB-3 Bag	Solid	01/06/25 11:00	01/08/25 12:30
500-262424-4	SB-4 Bag	Solid	01/06/25 12:00	01/08/25 12:30



Client Sample Results

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1

Client Sample ID: SB-1 Bag
Date Collected: 01/06/25 09:00
Date Received: 01/08/25 12:30

Lab Sample ID: 500-262424-1
Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.8		0.2	0.2	SU			01/09/25 10:19	1

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Client Sample Results

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1

Client Sample ID: SB-2 Bag

Lab Sample ID: 500-262424-2

Date Collected: 01/06/25 10:00

Matrix: Solid

Date Received: 01/08/25 12:30

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9		0.2	0.2	SU			01/09/25 10:21	1



Client Sample Results

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1

Client Sample ID: SB-3 Bag

Lab Sample ID: 500-262424-3

Date Collected: 01/06/25 11:00

Matrix: Solid

Date Received: 01/08/25 12:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.7		0.2	0.2	SU			01/09/25 10:24	1

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Client Sample Results

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1

Client Sample ID: SB-4 Bag

Lab Sample ID: 500-262424-4

Date Collected: 01/06/25 12:00

Matrix: Solid

Date Received: 01/08/25 12:30

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.9		0.2	0.2	SU			01/09/25 10:26	1

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- 9
- 10
- 11
- 12
- 13

Definitions/Glossary

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1



Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1

General Chemistry

Analysis Batch: 802295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-262424-1	SB-1 Bag	Total/NA	Solid	9045D	
500-262424-2	SB-2 Bag	Total/NA	Solid	9045D	
500-262424-3	SB-3 Bag	Total/NA	Solid	9045D	
500-262424-4	SB-4 Bag	Total/NA	Solid	9045D	
LCS 500-802295/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-802295/3	Lab Control Sample Dup	Total/NA	Solid	9045D	

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Lab Chronicle

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1

Client Sample ID: SB-1 Bag

Date Collected: 01/06/25 09:00

Date Received: 01/08/25 12:30

Lab Sample ID: 500-262424-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	802295	MF	EET CHI	01/09/25 10:19

Client Sample ID: SB-2 Bag

Date Collected: 01/06/25 10:00

Date Received: 01/08/25 12:30

Lab Sample ID: 500-262424-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	802295	MF	EET CHI	01/09/25 10:21

Client Sample ID: SB-3 Bag

Date Collected: 01/06/25 11:00

Date Received: 01/08/25 12:30

Lab Sample ID: 500-262424-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	802295	MF	EET CHI	01/09/25 10:24

Client Sample ID: SB-4 Bag

Date Collected: 01/06/25 12:00

Date Received: 01/08/25 12:30

Lab Sample ID: 500-262424-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	802295	MF	EET CHI	01/09/25 10:26

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: NASHnal Soil Testing, LLC
Project/Site: Inner Circle, Crest Hill

Job ID: 500-262424-1

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-25

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Chain of Custody Record 734984



Environment Testing
America

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Address _____

TAL-8210

Regulatory Program: DW NPDES RCRA Other

Company Name NST	Client Contact NST	Project Manager Tell/Email: _____	Date: _____ Carrier: _____
Address 23856 W. ANDREW RD #103	City/State/Zip PLAINFIELD, IL 62585	Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input checked="" type="checkbox"/> WORKING DAYS TAT if different from Below STANDARD <input type="checkbox"/> 2 weeks <input checked="" type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day	COC No _____ of _____ COCs Sampler _____ For Lab Use Only Walk-in Client _____ Lab Sampling _____ Job / SDG No 500-262424
Phone 630-780-5201	Project Name INNER CIRCLE CREST HILL	Filtered Sample (Y/N) <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Perform MS / MSD (Y/N) <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Specific Notes 500-262424 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C-comp, G-Grab)	Matrix	# of Cont.
SB-1 BA4	11/6/25	9:00 AM	GRAB	Soil	1
SB-2 BA4	11/6/25	10 AM	G	Soil	1
SB-3 BA4	11/6/25	11 AM	G	Soil	1
SB-4 BA4	11/6/25	NOON	G	Soil	1

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other _____

Possible Hazard Identification: _____

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

Non-Hazard Flammable Skin Irritant Poison B Unknown
 Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:

RWD ph test

Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	Cooler Temp (°C) Obs'd _____ Corrid _____ Term ID No _____
Relinquished by Andon Chikaya	Received by [Signature] Company EEEA
Relinquished by [Signature]	Received by [Signature] Company EEEA
Relinquished by [Signature]	Received in Laboratory by [Signature] Company EEEA

Login Sample Receipt Checklist

Client: NASHnal Soil Testing, LLC

Job Number: 500-262424-1

Login Number: 262424

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Inner Circle Crest Hill
1804 Inner Circle Drive
Crest Hill, IL 60403

Inquiry Number: 7847166.2s
December 12, 2024

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	53
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-15
Physical Setting Source Map Findings	A-17
Physical Setting Source Records Searched	PSGR-1

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 (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1804 INNER CIRCLE DRIVE
CREST HILL, IL 60403

COORDINATES

Latitude (North): 41.5563240 - 41° 33' 22.76"
Longitude (West): 88.1076000 - 88° 6' 27.36"
Universal Transverse Mercator: Zone 16
UTM X (Meters): 407633.6
UTM Y (Meters): 4600896.5
Elevation: 628 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 24266827 JOLIET, IL
Version Date: 2021

West Map: 24266863 PLAINFIELD, IL
Version Date: 2021

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20190914, 20190809
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
1804 INNER CIRCLE DRIVE
CREST HILL, IL 60403

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	ST AMBROSE CHURCH	1711 BURRY CIRCLE	LUST, UST	Higher	309, 0.059, WSW
A2	DIOCESE OF JOLIET/ST	1711 NORTH BURRY CIR	UST FINDER RELEASE	Higher	309, 0.059, WSW
B3	FACILITY 2017569	1526 N RAYNOR AVE	UST FINDER	Higher	688, 0.130, SE
B4	KOWALSKI, ED	1526 NORTH RAYNOR	UST FINDER RELEASE	Higher	688, 0.130, SE
B5	KOWALSKI, ED	1526 NORTH RAYNOR	LUST	Higher	688, 0.130, SE
B6	FACILITY 2017569	1526 N RAYNOR AVE	UST	Higher	688, 0.130, SE
7	CHIGNOLI AUTO SALES	700 THEODORE	RCRA NonGen / NLR	Higher	982, 0.186, ESE
8	MAYOR AND COUNCIL		IMPDMNT	Lower	1054, 0.200, NE
C9	K&D SERVICE CENTER	650 THEODORE STREET	UST FINDER	Higher	1304, 0.247, ESE
C10	K AND D SVC DBA JMS	650 THEODORE ST	RCRA-VSQQ, FINDS, ECHO	Higher	1304, 0.247, ESE
C11	K&D SERVICE CENTER	650 THEODORE STREET	UST	Higher	1304, 0.247, ESE
C12	BELLOM'S SERVICE	650 THEODORE ST	LUST, AIRS, BOL	Higher	1304, 0.247, ESE
C13	ZDRALEVICH FAMILY PA	650 THEODORE ST.	UST FINDER RELEASE	Higher	1304, 0.247, ESE
D14	CLARK REFINING & MAR	1522 CLEMENT ST.	UST FINDER RELEASE	Higher	1758, 0.333, ESE
D15	TAYYEB PROPERTIES, I	1522 CLEMENT STREET	UST FINDER, UST FINDER RELEASE	Higher	1758, 0.333, ESE
D16	CLARK OIL & REFINING	1522 CLEMENT ST	LUST, LUST TRUST, SPILLS, BOL	Higher	1758, 0.333, ESE
17	CREST HILL, CITY OF	2101 OAKLAND AVENUE	LUST, BOL	Lower	2627, 0.498, NE
18	INSTA-FOAM PRODUCT,	BROADWAY & CHANEY ST	SEMS, CORRACTS, RCRA-VSQQ, US ENG CONTROLS, US...	Lower	4665, 0.884, ENE
19	DOW CHEMICAL	2050 NORTH BROADWAY	SSU, SRP	Lower	4913, 0.930, ENE

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 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

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

EXECUTIVE SUMMARY

Lists of state and tribal landfills and solid waste disposal facilities

CCDD..... Clean Construction or Demolition Debris
SWF/LF..... Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to
State Surcharge
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

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
AST..... Above Ground Storage Tanks
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Sites with Engineering Controls
INST CONTROL..... Institutional Controls

Lists of state and tribal voluntary cleanup sites

SRP..... Site Remediation Program Database
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 ODL..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODL..... Open Dump Inventory
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
CDL..... Meth Drug Lab Site Listing
US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

EXECUTIVE SUMMARY

Records of Emergency Release Reports

HMIRS.....	Hazardous Materials Information Reporting System
SPILLS.....	State spills
SPILLS 90.....	SPILLS 90 data from FirstSearch

Other Ascertainable Records

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
MINES MRDS.....	Mineral Resources Data System
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
ECHO.....	Enforcement & Compliance History Information
UXO.....	Unexploded Ordnance Sites
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TSCA.....	PFAS Manufacture and Imports Information
PFAS TRIS.....	List of PFAS Added to the TRI
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 PROJECT.....	NORTHEASTERN UNIVERSITY PFAS PROJECT

EXECUTIVE SUMMARY

PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAIN.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PT 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
BIOSOLIDS.....	ICIS-NPDES Biosolids Facility Data
E MANIFEST.....	Hazardous Waste Electronic Manifest System
PFAS.....	PFAS Sampling Listing
AIRS.....	Air Inventory Listing
ASBESTOS.....	Asbestos Notification Tracker Information
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
NPDES.....	A Listing of Active Permits
PIMW.....	Potentially Infectious Medical Waste
TIER 2.....	Tier 2 Information Listing
UIC.....	Underground Injection Wells

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
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.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/16/2024 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INSTA-FOAM PRODUCT, EPA ID:: ILD043912922	BROADWAY & CHANEY ST	ENE 1/2 - 1 (0.884 mi.)	18	36

Lists of Federal RCRA generators

RCRA-VSQG: 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.

A review of the RCRA-VSQG list, as provided by EDR, and dated 09/16/2024 has revealed that there is 1 RCRA-VSQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
K AND D SVC DBA JMS EPA ID:: ILD984822742	650 THEODORE ST	ESE 1/8 - 1/4 (0.247 ml.)	C10	20

Lists of state- and tribal hazardous waste facilities

SSU: The State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit.

A review of the SSU list, as provided by EDR, and dated 01/31/2024 has revealed that there is 1 SSU site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DOW CHEMICAL SSU Status: Transferred Facility Id: 1970455016 Facility Id: 1970455016	2050 NORTH BROADWAY	ENE 1/2 - 1 (0.930 mi.)	19	51

EXECUTIVE SUMMARY

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 07/15/2024 has revealed that there are 5 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ST AMBROSE CHURCH NFA/NFR Letter: 12/20/1999 Incident Num: 982395 IL EPA Id: 1970255033	1711 BURRY CIRCLE	WSW 0 - 1/8 (0.059 mi.)	A1	8
KOWALSKI, ED Incident Num: 913736 IL EPA Id: 1970455236	1526 NORTH RAYNOR	SE 1/8 - 1/4 (0.130 mi.)	B5	12
BELLOM'S SERVICE NFA/NFR Letter: 9/3/2003 Incident Num: 20001382 IL EPA Id: 1970250008	650 THEODORE ST	ESE 1/8 - 1/4 (0.247 mi.)	C12	24
CLARK OIL & REFINING NFA/NFR Letter: 12/5/2022 NFA/NFR Letter: 3/5/2019 Incident Num: 990635 Incident Num: 20150536 IL EPA Id: 1970455144	1522 CLEMENT ST	ESE 1/4 - 1/2 (0.333 mi.)	D16	30

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CREST HILL, CITY OF Incident Num: 20191228 IL EPA Id: 1970255079	2101 OAKLAND AVENUE	NE 1/4 - 1/2 (0.498 mi.)	17	35

LUST TRUST: In case sufficient funds are not available in the Underground Storage Tank Fund, requests for payment are entered on the Payment Priority List by "queue date" order. As required by the Environmental Protection Act, the queue date is the date that a complete request for partial or final payment was received by the Agency. The queue date is "officially" confirmed at the end of the payment review process when a Final Decision Letter is sent to the site owner.

A review of the LUST TRUST list, as provided by EDR, and dated 06/06/2016 has revealed that there is 1 LUST TRUST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CLARK OIL & REFINING Incident Number: 20150536-66471	1522 CLEMENT ST	ESE 1/4 - 1/2 (0.333 mi.)	D16	30

EXECUTIVE SUMMARY

Lists of state and tribal registered storage tanks

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Illinois State Fire Marshal's STC Facility List.

A review of the UST list, as provided by EDR, and dated 07/15/2024 has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ST AMBROSE CHURCH Tank Status: Removed Status: CLOSED Facility Id: 2031440	1711 BURRY CIRCLE	WSW 0 - 1/8 (0.059 mi.)	A1	8
FACILITY 2017569 Tank Status: Removed Status: CLOSED Facility Id: 2017569	1526 N RAYNOR AVE	SE 1/8 - 1/4 (0.130 mi.)	B6	13
K&D SERVICE CENTER Tank Status: Removed Status: CLOSED Facility Id: 2022370	650 THEODORE STREET	ESE 1/8 - 1/4 (0.247 mi.)	C11	22

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA NonGen / NLR: 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.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/16/2024 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHIGNOLI AUTO SALES EPA ID:: ILD982634156	700 THEODORE	ESE 1/8 - 1/4 (0.186 mi.)	7	14

UST FINDER RELEASE: US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that

EXECUTIVE SUMMARY

there are 5 UST FINDER RELEASE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DIOCESE OF JOLIET/ST KOWALSKI, ED	1711 NORTH BURRY CIR 1526 NORTH RAYNOR	WSW 0 - 1/8 (0.059 mi.) SE 1/8 - 1/4 (0.130 mi.)	A2 B4	9 11
ZDRALEVICH FAMILY PA CLARK REFINING & MAR <i>TAYYEB PROPERTIES, I</i>	650 THEODORE ST. 1522 CLEMENT ST. 1522 CLEMENT STREET	ESE 1/8 - 1/4 (0.247 mi.) ESE 1/4 - 1/2 (0.333 mi.) ESE 1/4 - 1/2 (0.333 mi.)	C13 D14 D15	26 27 28

UST FINDER: EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories. UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

A review of the UST FINDER list, as provided by EDR, and dated 06/08/2023 has revealed that there are 2 UST FINDER sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FACILITY 2017569 K&D SERVICE CENTER	1526 N RAYNOR AVE 650 THEODORE STREET	SE 1/8 - 1/4 (0.130 mi.) ESE 1/8 - 1/4 (0.247 mi.)	B3 C9	10 18

IMPDMENT: Statewide inventory of industrial, municipal, mining, oil & gas, and large agricultural impoundment. This study was conducted by the Illinois EPA to assess potential 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.

A review of the IMPDMENT list, as provided by EDR, and dated 12/31/1980 has revealed that there is 1 IMPDMENT site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MAYOR AND COUNCIL		NE 1/8 - 1/4 (0.200 mi.)	8	17

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name

FAIRFAX SUBDIVISION

Database(s)

SSU

OVERVIEW MAP - 7847166.2S



- 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
- Power transmission lines
- Pipelines
- 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.

<p>SITE NAME: Inner Circle Crest Hill ADDRESS: 1804 Inner Circle Drive Crest Hill IL 60403 LAT/LONG: 41.556324 / 88.1076</p>	<p>CLIENT: V3 Companies of IL, LTD CONTACT: Jonathan Shuptar INQUIRY #: 7847166.2s DATE: December 12, 2024 11:50 am</p>
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DETAIL MAP - 7847166.2S



- 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.

<p>SITE NAME: Inner Circle Crest Hill ADDRESS: 1804 Inner Circle Drive Crest Hill IL 60403 LAT/LONG: 41.556324 / 88.1076</p>	<p>CLIENT: V3 Companies of IL, LTD CONTACT: Jonathan Shuptar INQUIRY #: 7847166.2s DATE: December 12, 2024 11:50 am</p>
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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								
<i>Lists of Federal NPL (Superfund) sites</i>								
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
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	1	NR	1
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
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	1	NR	NR	NR	1
<i>Federal institutional controls / engineering controls registries</i>								
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
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
SSU	1.000		0	0	0	1	NR	1
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
CCDD	0.500		0	0	0	NR	NR	0
SWF/LF	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

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
<i>Lists of state and tribal leaking storage tanks</i>								
LUST	0.500		1	2	2	NR	NR	5
INDIAN LUST	0.500		0	0	0	NR	NR	0
LUST TRUST	0.500		0	0	1	NR	NR	1
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		1	2	NR	NR	NR	3
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
SRP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
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
<i>Local Land Records</i>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
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
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1

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
MINES MRDS	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
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	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 TRIS	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 PROJECT	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 TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	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
UST FINDER RELEASE	0.500		1	2	2	NR	NR	5
UST FINDER	0.250		0	2	NR	NR	NR	2
E MANIFEST	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
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	1	0	NR	NR	1
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

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
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	3	11	5	2	0	21
-------------	--	---	---	----	---	---	---	----

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

A1 ST AMBROSE CHURCH
WSW 1711 BURRY CIRCLE
< 1/8 JOLIET, IL 60435
0.059 mi.
309 ft. Site 1 of 2 in cluster A

LUST U003305260
UST N/A

Relative:
Higher
Actual:
636 ft.

LUST:
Name: DIOCESE OF JOLIET/ST. AMBROSE PARISH
Address: 1711 NORTH BURRY CIRCLE DR.
City,State,Zip: CREST HILL, IL 60435
Incident Num: 982395
IL EPA Id: 1970255033
Product: Other Petroleum
IEMA Date: 9/28/1998
Project Manager: Rossi
Project Manager Phone: (217) 782-9285
Email: Jenny.Rossi@illinois.gov
PRP Name: Diocese of Joliet/St. Ambrose Parish
PRP Contact: Richard Kaffka
PRP Address: 402 South Independence Blvd.
PRP City,St,Zip: Romeoville, IL 60441
PRP Phone: 6305270415
Site Classification: Not reported
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 10/2/1998
45 Report Received: 10/30/1998
No Further Remediation Letter: 12/20/1999
No Further Remediation Date Recorded:1/28/2000
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

UST:
Name: ST AMBROSE CHURCH
Address: 1711 BURRY CIRCLE
City: JOLIET
Zip: 60435
Facility ID: 2031440
Facility Status: CLOSED
Facility Type: OTHER
Owner Id: U0020287
Owner Name: Diocese of Joliet
Owner Address: 402 S. Independence
Owner City,St,Zip: Romeoville, IL 60441

Tank Number: 1
Tank Status: Removed
Tank Capacity: 5000
Tank Substance: Heating Oil
Last Used Date: Not reported
OSFM First Notify Date: 7/1/1992
Red Tag Issue Date: Not reported
Install Date: 9/1/1957
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

ST AMBROSE CHURCH (Continued)

U003305260

Motor Fuel Permit Expiration Date: Not reported
 MOTOR FUEL TYPE: Not reported
 Pending Nov: N
 IEMA: 98-2395
 Equipment Type: Not reported
 Equipment: Not reported
 Last Passing Date: Not reported
 Test Expire Date: Not reported
 Removed Date: Not reported
 Abandoned Date: Not reported

Tank Number: 2
Tank Status: Removed
 Tank Capacity: 2500
 Tank Substance: Heating Oil
 Last Used Date: Not reported
 OSFM First Notify Date: 7/1/1992
 Red Tag Issue Date: Not reported
 Install Date: 9/1/1957
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
 Fee Due: \$0.00
 Motor Fuel Permit Inspection Date: Not reported
 Motor Fuel Permit Expiration Date: Not reported
 MOTOR FUEL TYPE: Not reported
 Pending Nov: N
 IEMA: Not reported
 Equipment Type: Not reported
 Equipment: Not reported
 Last Passing Date: Not reported
 Test Expire Date: Not reported
 Removed Date: Not reported
 Abandoned Date: Not reported

A2
WSW
< 1/8
0.059 mi.
309 ft.

DIOCESE OF JOLIET/ST. AMBROSE PARISH
1711 NORTH BURRY CIRCLE DR.
CREST HILL, IL 0
Site 2 of 2 in cluster A

UST FINDER RELEASE 1028986300
N/A

Relative:
Higher
Actual:
636 ft.

UST FINDER RELEASE:
 Object ID: 470906
 Facility ID: IL1970255033
 Lust ID: IL1970255033_982395
 Name: DIOCESE OF JOLIET/ST. AMBROSE PARISH
 Address: 1711 NORTH BURRY CIRCLE DR.
 City,State,Zip: CREST HILL, IL 0
 Address Match Type: PointAddress
 Reported Date: 1998/09/28 15:59:59+00
 Status: No Further Action
 Substance: Not reported
 Population within 1500ft: 1545
 Domestic Wells within 1500ft: 8
 Land Use: Developed, Low Intensity
 Within SPA: No
 SPA PWS Facility ID: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DIOCESE OF JOLIET/ST. AMBROSE PARISH (Continued)

1028986300

SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	5
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-88.11026
Y Coord:	41.55539
Latitude:	41.55539
Longitude:	-88.1102599999999

B3
SE
1/8-1/4
0.130 mi.
688 ft.

FACILITY 2017569
1526 N RAYNOR AVE
JOLIET, IL 60435
Site 1 of 4 in cluster B

UST FINDER 1028311897
N/A

Relative:
Higher
Actual:
660 ft.

UST FINDER:	
Object ID:	130027
Facility ID:	IL2017569
Name:	FACILITY 2017569
Address:	1526 N RAYNOR AVE
City,State,Zip:	JOLIET, IL 60435
Address Match Type:	PointAddress
Open USTs:	0
Closed USTs:	3
TOS USTs:	0
Population 1500ft:	1272
Private Wells 1500ft:	2
Within 100yr Floodplain:	No
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	IL1970250_20163
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	071200040706
Facility Status:	Closed UST(s)
Date of Last Inspection:	Not reported
EPA Region:	5
Tribe:	Not reported
Coordinate Source:	Geocode
X Coord:	-88.10175738

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Database(s)
EPA ID Number

FACILITY 2017569 (Continued)

1028311897

Y Coord: 41.5520742
Latitude: 41.5520742
Longitude: -88.10175738

UST FINDER:

Object ID: 444677
Facility ID: IL2017569
Tank ID: IL2017569_1
Tank Status: Closed
Installation Date: Not reported
Removal Date: 1991/12/01 15:59:59+00
Tank Capacity: 6000
Substances: Not reported
Tank Wall Type: Not reported

Object ID: 444678
Facility ID: IL2017569
Tank ID: IL2017569_2
Tank Status: Closed
Installation Date: Not reported
Removal Date: 1991/12/01 15:59:59+00
Tank Capacity: 4000
Substances: Not reported
Tank Wall Type: Not reported

Object ID: 444679
Facility ID: IL2017569
Tank ID: IL2017569_3
Tank Status: Closed
Installation Date: Not reported
Removal Date: 1991/12/01 15:59:59+00
Tank Capacity: 550
Substances: Not reported
Tank Wall Type: Not reported

B4
SE
1/8-1/4
0.130 mi.
688 ft.

KOWALSKI, ED
1526 NORTH RAYNOR
JOLIET, IL 0

UST FINDER RELEASE 1028986439
N/A

Site 2 of 4 in cluster B

Relative:
Higher
Actual:
660 ft.

UST FINDER RELEASE:

Object ID: 471070
Facility ID: IL1970455236
Lust ID: IL1970455236_913736
Name: KOWALSKI, ED
Address: 1526 NORTH RAYNOR
City,State,Zip: JOLIET, IL 0
Address Match Type: PointAddress
Reported Date: 1991/12/26 15:59:59+00
Status: Open
Substance: Gasoline UsedOil
Population within 1500ft: 1272
Domestic Wells within 1500ft: 2
Land Use: Developed, Medium Intensity
Within SPA: No
SPA PWS Facility ID: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

KOWALSKI, ED (Continued)

1028986439

SPA Water Type: Not reported
 SPA Facility Type: Not reported
 SPA HUC12: Not reported
 Within WHPA: Yes
 WHPA PWS Facility ID: IL1970250_20163
 WHPA Water Type: GW - Ground water
 WHPA Facility Type: WL - Well
 WHPA HUC12: 071200040706
 Within 100yr Floodplain: No
 Tribe: Not reported
 EPA Region: 5
 NFA Letter 1: Not reported
 NFA Letter 2: Not reported
 NFA Letter 3: Not reported
 NFA Letter 4: Not reported
 Closed With Residual Contaminate: Not reported
 Coordinate Source: Geocode
 X Coord: -88.10176
 Y Coord: 41.5520700000001
 Latitude: 41.55207
 Longitude: -88.1017599999999

B5
SE
 1/8-1/4
 0.130 mi.
 688 ft.

KOWALSKI, ED
1526 NORTH RAYNOR
JOLIET, IL 60435

LUST S104525305
N/A

Site 3 of 4 in cluster B

Relative:
Higher
Actual:
660 ft.

LUST:
 Name: KOWALSKI, ED
 Address: 1526 NORTH RAYNOR
 City,State,Zip: JOLIET, IL 60435
 Incident Num: 913736
 IL EPA Id: 1970455236
 Product: Gasoline, Used Oil
 IEMA Date: 12/26/1991
 Project Manager: Rothering
 Project Manager Phone: (217) 785-1858
 Email: Scott.Rothering@illinois.gov
 PRP Name: Ed Kowalski
 PRP Contact: Not reported
 PRP Address: 9 South Prairie
 PRP City,St,Zip: Joliet, IL 60436
 PRP Phone: Not reported
 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: Not reported
No Further Remediation Letter: Not reported
 No Further Remediation Date Recorded: Not reported
 Heating Oil Date: Not reported
 Non-Lust LR Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

B6
SE
1/8-1/4
0.130 mi.
688 ft.

FACILITY 2017569
1526 N RAYNOR AVE
JOLIET, IL 60435
Site 4 of 4 in cluster B

UST U003304939
N/A

Relative:
Higher
Actual:
660 ft.

UST:
Name: FACILITY 2017569
Address: 1526 N RAYNOR AVE
City: JOLIET
Zip: 60435
Facility ID: 2017569
Facility Status: CLOSED
Facility Type: NONE
Owner Id: U0017869
Owner Name: Kowalski Edward F
Owner Address: 9 S Prairie Ave
Owner City,St,Zip: Joliet, IL 60436

Tank Number: 1
Tank Status: Removed
Tank Capacity: 6000
Tank Substance: Not reported
Last Used Date: 3/1/1990
OSFM First Notify Date: 4/2/1986
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 12/1/1991
Abandoned Date: Not reported

Tank Number: 2
Tank Status: Removed
Tank Capacity: 4000
Tank Substance: Not reported
Last Used Date: 3/1/1990
OSFM First Notify Date: 4/2/1986
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FACILITY 2017569 (Continued)

U003304939

Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 12/1/1991
Abandoned Date: Not reported

Tank Number: 3
Tank Status: Removed
Tank Capacity: 550
Tank Substance: Not reported
Last Used Date: 3/1/1990
OSFM First Notify Date: 11/15/1991
Red Tag Issue Date: Not reported
Install Date: Not reported
Green Tag Decal: Not reported
Green Tag Issue Date: Not reported
Green Tag Expire Date: Not reported
Fee Due: Not reported
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 12/1/1991
Abandoned Date: Not reported

7
ESE
1/8-1/4
0.186 ml.
982 ft.

**CHIGNOLI AUTO SALES INC
700 THEODORE
CREST HILL, IL 60435**

**RCRA NonGen / NLR 1000235952
ILD982634156**

**Relative:
Higher
Actual:
650 ft.**

RCRA Listings:
Date Form Received by Agency: 20191213
Handler Name: Chignoli Auto Sales Inc
Handler Address: 700 Theodore
Handler City,State,Zip: CREST HILL, IL 60435
EPA ID: ILD982634156
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 05
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

CHIGNOLI AUTO SALES INC (Continued)

1000235952

Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	DESPLAINES
Mailing Address:	Not reported
Mailing City,State,Zip:	Not reported
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20191213
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code: D001
 Waste Description: Ignitable Waste

Waste Code: F003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHIGNOLI AUTO SALES INC (Continued)

1000235952

Waste Description: The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F005
Waste Description: The Following Spent Nonhalogenated Solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, And 2-Nitropropane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, Or F004; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: NAME NOT REPORTED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: ADDRESS NOT REPORTED
Owner/Operator City,State,Zip: CITY NOT REPORTED, AK 99998
Owner/Operator Telephone: 312-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CHIGNOLI AUTO SALES
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: ADDRESS NOT REPORTED
Owner/Operator City,State,Zip: CITY NOT REPORTED, AK 99998
Owner/Operator Telephone: 312-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20191213
Handler Name: CHIGNOLI AUTO SALES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
 EPA ID Number

CHIGNOLI AUTO SALES INC (Continued)

1000235952

Non Storage Recycler Activity: No
 Electronic Manifest Broker: No

 Receive Date: 19890530
 Handler Name: CHIGNOLI AUTO SALES INC
 Federal Waste Generator Description: Small Quantity Generator
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: No
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
 NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

8
NE
1/8-1/4
0.200 mi.
1054 ft.

MAYOR AND COUNCIL
 , IL

IMPDMNT S105253154
N/A

Relative: SIA:
Lower Area: 0.0000000000
Actual: Perimeter: 0.0000000000
613 ft. County FIPS Code: 197
 Place Code: 17458
 Type of Impoundment Facility: MUNICIPAL
 SIA Number: 00211
 # of impoundments at Site: 002
 IEPA ID: 0
 NPDES Permit #: IL0021121
 SIC Code 2: 4952
 Latitude: 413331
 Longitude: 0880614
 Date Facility Id'd and Inventoried: 41279
 Land owner street address: 2101 N OAKLAND AVE
 Land Owner City,St,Zip: CREST HILL, IL 60435
 Operator of impoundment: Not reported
 Operator address: Not reported
 Operator City,St,Zip: 0
 State Abbreviation: Not reported
 County FIPS Code: Not reported
 Place Code: 0
 Type of Impoundment Facility 2: Not reported
 SIA Number: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MAYOR AND COUNCIL (Continued)

S105253154

Unique impoundment Number:	Not reported
Purpose For Impoundment:	Not reported
Explanation For Above:	Not reported
Age of Impoundment in Years:	Not reported
Impoundment Currently In Use:	Not reported
# of years in Operation if In Use:	Not reported
Unique Record # assigned by S. Schock:	P1486
Last Year of Operation if Not in Use:	Not reported
Surface Area of all impoundments (acres):	Not reported
Surface Area of all impoundments (acres):	Not reported
Average Influent (Gal/day) Into Impoundment:	Not reported
Year of Record for above (influent) average:	Not reported
Average Effluent (gal/day) out of impoundment:	Not reported
Year of record for above (effluent) average:	Not reported
Year of record for above average:	Not reported
Year of record for above average:	Not reported
Year of record for above average:	Not reported
Avg Effluent for all Impoundments at facility:	Not reported
Year of Record for above Average:	Not reported
Bottom of Liner:	Not reported
If Liner Type ?? Above, Thickness (inches):	Not reported
Description of Liner Type If ?? Above:	Not reported
If Agricultural Impoundment, Type of Livestock:	Not reported
If Agricultural Impoundment, Average Daily # Livestock:	Not reported
Number of Monitoring Wells:	Not reported
Frequency Of Groundwater Samplings:	Not reported
Explanation Of GW Sampling if Other:	Not reported
GW Quality Changes Detected:	Not reported
Seepage Affected Drnk Water Wells Within 1 Mile:	Not reported
Site Features:	Not reported
Dun and Bradst # Identifying Facility Type 2:	Not reported
Dun and Bradst # Identifying Operator Business 2:	Not reported
Dun and Bradst # Identifying Facility Type 2:	Not reported
Dun and Bradst # Identifying Operator Business 2:	Not reported
SIC Code 2:	Not reported

C9 K&D SERVICE CENTER
ESE 650 THEODORE STREET
1/8-1/4 CREST HILL, IL 60435

UST FINDER 1028313690
N/A

0.247 mi.
1304 ft. Site 1 of 5 in cluster C

Relative:	UST FINDER:	
Higher	Object ID:	130029
	Facility ID:	IL2022370
Actual:	Name:	K&D SERVICE CENTER
649 ft.	Address:	650 THEODORE STREET
	City,State,Zip:	CREST HILL, IL 60435
	Address Match Type:	PointAddress
	Open USTs:	0
	Closed USTs:	4
	TOS USTs:	0
	Population 1500ft:	1267
	Private Wells 1500ft:	13
	Within 100yr Floodplain:	No
	Land Use:	Developed, High Intensity
	Within SPA:	No
	SPA PWS Facility ID:	Not reported
	SPA Water Type:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

K&D SERVICE CENTER (Continued)

1028313690

SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: Yes
WHPA PWS Facility ID: IL1970250_20163
WHPA Water Type: GW - Ground water
WHPA Facility Type: WL - Well
WHPA HUC12: 071200040706
Facility Status: Closed UST(s)
Date of Last Inspection: Not reported
EPA Region: 5
Tribe: Not reported
Coordinate Source: Geocode
X Coord: -88.0983649
Y Coord: 41.55241649
Latitude: 41.55241649
Longitude: -88.0983649

UST FINDER:

Object ID: 415940
Facility ID: IL2022370
Tank ID: IL2022370_1
Tank Status: Closed
Installation Date: 1962/01/01 16:00:01+00
Removal Date: 2000/10/25 15:59:59+00
Tank Capacity: 6000
Substances: Gasoline
Tank Wall Type: Not reported

Object ID: 415941
Facility ID: IL2022370
Tank ID: IL2022370_2
Tank Status: Closed
Installation Date: 1962/01/01 16:00:01+00
Removal Date: 2000/10/25 15:59:59+00
Tank Capacity: 6000
Substances: Gasoline
Tank Wall Type: Not reported

Object ID: 415942
Facility ID: IL2022370
Tank ID: IL2022370_3
Tank Status: Closed
Installation Date: 1962/01/01 16:00:01+00
Removal Date: 2000/10/25 15:59:59+00
Tank Capacity: 6000
Substances: Gasoline
Tank Wall Type: Not reported

Object ID: 461260
Facility ID: IL2022370
Tank ID: IL2022370_4
Tank Status: Closed
Installation Date: 1962/01/01 16:00:01+00
Removal Date: 1988/11/01 16:00:00+00
Tank Capacity: 500
Substances: Used Oil
Tank Wall Type: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

C10
ESE
1/8-1/4
0.247 ml.
1304 ft.

K AND D SVC DBA JMS INC
650 THEODORE ST
CREST HILL, IL 60435

Site 2 of 5 In cluster C

RCRA-VSQG 1004693414
FINDS ILD984822742
ECHO

Relative:
Higher

RCRA Listings:

Actual:
649 ft.

Date Form Received by Agency:	19910429
Handler Name:	K And D Svc Dba Jms Inc
Handler Address:	650 Theodore St
Handler City,State,Zip:	CREST HILL, IL 60435
EPA ID:	ILD984822742
Contact Name:	DANIEL HASENJAEGER
Contact Address:	650 THEODORE ST
Contact City,State,Zip:	CREST HILL, IL 60435
Contact Telephone:	815-722-1021
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Not reported
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	DESPLAINES
Mailing Address:	650 THEODORE ST
Mailing City,State,Zip:	CREST HILL, IL 60435
Owner Name:	Zdravlevich Family Partnership
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K AND D SVC DBA JMS INC (Continued)

1004693414

Human Exposure Controls Indicator: N/A
Groundwater Controls Indicator: N/A
Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20000915
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D008
Waste Description: Lead

Waste Code: D018
Waste Description: Benzene

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ZDRALEVICH FAMILY PARTNERSHIP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19910429
Handler Name: K AND D SVC DBA JMS INC
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator)
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

K AND D SVC DBA JMS INC (Continued)

1004693414

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110009378057

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004693414
 Registry ID: 110009378057

[DFR URL:](#)

Name: K AND D SVC DBA JMS INC
 Address: 650 THEODORE ST
 City,State,Zip: CREST HILL, IL 60435

C11
ESE
1/8-1/4
0.247 mi.
1304 ft.

K&D SERVICE CENTER
650 THEODORE STREET
CREST HILL, IL 60435

UST U003305058
N/A

Site 3 of 5 in cluster C

Relative:
Higher
Actual:
649 ft.

UST:

Name: K&D SERVICE CENTER
 Address: 650 THEODORE STREET
 City: CREST HILL
 Zip: 60435
 Facility ID: 2022370
 Facility Status: CLOSED
 Facility Type: **OTHER**
 Owner Id: U0016827
 Owner Name: Zdravovich Family Partnership
 Owner Address: 604 Theodore Street
 Owner City,St,Zip: Crest Hill, IL 60435

Tank Number: 1
 Tank Status: **Removed**
 Tank Capacity: 6000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

K&D SERVICE CENTER (Continued)

U003305058

Tank Substance: Gasoline
Last Used Date: 10/1/2000
OSFM First Notify Date: 5/2/1986
Red Tag Issue Date: Not reported
Install Date: 1/1/1962
Green Tag Decal: 21079
Green Tag Issue Date: 2/24/1999
Green Tag Expire Date: 12/31/2002
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: 00-1382
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 10/25/2000
Abandoned Date: Not reported

Tank Number: 2
Tank Status: Removed
Tank Capacity: 6000
Tank Substance: Gasoline
Last Used Date: 10/1/2000
OSFM First Notify Date: 5/2/1986
Red Tag Issue Date: Not reported
Install Date: 1/1/1962
Green Tag Decal: 21079
Green Tag Issue Date: 2/24/1999
Green Tag Expire Date: 12/31/2002
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 10/25/2000
Abandoned Date: Not reported

Tank Number: 3
Tank Status: Removed
Tank Capacity: 6000
Tank Substance: Gasoline
Last Used Date: 10/1/2000
OSFM First Notify Date: 5/2/1986
Red Tag Issue Date: Not reported
Install Date: 1/1/1962
Green Tag Decal: 21079
Green Tag Issue Date: 2/24/1999

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

K&D SERVICE CENTER (Continued)

U003305058

Green Tag Expire Date: 12/31/2002
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 10/25/2000
Abandoned Date: Not reported

Tank Number: 4
Tank Status: Removed
Tank Capacity: 500
Tank Substance: Used Oil
Last Used Date: Not reported
OSFM First Notify Date: 5/2/1986
Red Tag Issue Date: Not reported
Install Date: 1/1/1962
Green Tag Decal: 21079
Green Tag Issue Date: 2/24/1999
Green Tag Expire Date: 12/31/2002
Fee Due: \$0.00
Motor Fuel Permit Inspection Date: Not reported
Motor Fuel Permit Expiration Date: Not reported
MOTOR FUEL TYPE: Not reported
Pending Nov: N
IEMA: Not reported
Equipment Type: Not reported
Equipment: Not reported
Last Passing Date: Not reported
Test Expire Date: Not reported
Removed Date: 11/1/1988
Abandoned Date: Not reported

C12 **BELLOM'S SERVICE**
ESE **650 THEODORE ST**
1/8-1/4 **CREST HILL, IL 60435**
0.247 mi.
1304 ft. **Site 4 of 5 in cluster C**

LUST **S107740155**
AIRS **N/A**
BOL

Relative: **LUST:**
Higher **Name:** ZDRALEVICH FAMILY PARTNERSHIP
Actual: **Address:** 650 THEODORE ST.
649 ft. **City,State,Zip:** CREST HILL, IL 60435
Incident Num: 20001382
IL EPA Id: 1970250008
Product: Gasoline
IEMA Date: 7/21/2000
Project Manager: Myers
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Zdralevich Family Partnership
PRP Contact: Joe Zdralevich

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BELLOM'S SERVICE (Continued)

S107740155

PRP Address: 604 Theodore St.
PRP City,St,Zip: Crest Hill, IL 60435
PRP Phone: 8157239371
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: 8/21/2000
45 Report Received: 1/26/2001
No Further Remediation Letter: 9/3/2003
No Further Remediation Date Recorded:3/5/2004
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

AIRS:

Name: BELLOM'S SERVICE
Address: 650 THEODORE ST
City,State,Zip: CREST HILL, IL
2nd Address: Not reported
Facility ID: 10169
Year: Not reported
Contact Name: Not reported
Contact Title: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Ext: Not reported
Contact Email: Not reported
ID Number: 197025AAL
Cease Operation Date: 1/1/1901
SIC Code: 5541
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: BELLOM'S SERVICE
Address: 650 THEODORE ST
City,State,Zip: CREST HILL, IL 60435
Site Id: 170000158380
Inv Num: 1970250008
Interest Name: F Dralovich Family Prtnrshp
Interest Type: BOL
Media Code: LAND
Latitude: 41.552250
Longitude: -88.098170

Name: BELLOM'S SERVICE
Address: 650 THEODORE ST
City,State,Zip: CREST HILL, IL 60435
Site Id: 170000158380

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BELLOM'S SERVICE (Continued)

S107740155

Inv Num: 1970250008
Interest Name: F Dralevich Family Ptnrshp
Interest Type: LUST
Media Code: LAND
Latitude: 41.552331
Longitude: -88.098260

Name: BELLOM'S SERVICE
Address: 650 THEODORE ST
City,State,Zip: CREST HILL, IL 60435
Site Id: 170000158380
Inv Num: 1970250008
Interest Name: F Dralevich Family Ptnrshp
Interest Type: RCRA
Media Code: LAND
Latitude: 41.552331
Longitude: -88.098260

Name: BELLOM'S SERVICE
Address: 650 THEODORE ST
City,State,Zip: CREST HILL, IL 60435
Site Id: 170000158380
Inv Num: 1970250008
Interest Name: F Dralevich Family Ptnrshp
Interest Type: SOLID WASTE
Media Code: LAND
Latitude: 41.552250
Longitude: -88.098170

C13
ESE
1/8-1/4
0.247 mi.
1304 ft.

ZDRALEVICH FAMILY PARTNERSHIP
650 THEODORE ST.
CREST HILL, IL 0

UST FINDER RELEASE 1028986294
N/A

Site 5 of 5 in cluster C

Relative:
Higher
Actual:
649 ft.

UST FINDER RELEASE:
Object ID: 470899
Facility ID: IL1970250008
Lust ID: IL1970250008_20001382
Name: ZDRALEVICH FAMILY PARTNERSHIP
Address: 650 THEODORE ST.
City,State,Zip: CREST HILL, IL 0
Address Match Type: PointAddress
Reported Date: 2000/07/21 15:59:59+00
Status: No Further Action
Substance: Gasoline
Population within 1500ft: 1267
Domestic Wells within 1500ft: 13
Land Use: Developed, High Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: Yes
WHPA PWS Facility ID: IL1970250_20163
WHPA Water Type: GW - Ground water
WHPA Facility Type: WL - Well

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZDRALEVICH FAMILY PARTNERSHIP (Continued)

1028986294

WHPA HUC12: 071200040706
Within 100yr Floodplain: No
Tribe: Not reported
EPA Region: 5
NFA Letter 1: Not reported
NFA Letter 2: Not reported
NFA Letter 3: Not reported
NFA Letter 4: Not reported
Closed With Residual Contaminate: Not reported
Coordinate Source: Geocode
X Coord: -88.09837
Y Coord: 41.55242
Latitude: 41.5524199999999
Longitude: -88.09837

D14
ESE
1/4-1/2
0.333 mi.
1758 ft.

CLARK REFINING & MARKETING
1522 CLEMENT ST.
JOLIET, IL 0
Site 1 of 3 in cluster D

UST FINDER RELEASE 1028986391
N/A

Relative:
Higher
Actual:
651 ft.

UST FINDER RELEASE:
Object ID: 471012
Facility ID: IL1970455144
Lust ID: IL1970455144_990635
Name: CLARK REFINING & MARKETING
Address: 1522 CLEMENT ST.
City,State,Zip: JOLIET, IL 0
Address Match Type: PointAddress
Reported Date: 1999/03/17 15:59:59+00
Status: Open
Substance: Gasoline
Population within 1500ft: 1262
Domestic Wells within 1500ft: 17
Land Use: Developed, Medium Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: Yes
WHPA PWS Facility ID: IL1970250_20163
WHPA Water Type: GW - Ground water
WHPA Facility Type: WL - Well
WHPA HUC12: 071200040706
Within 100yr Floodplain: No
Tribe: Not reported
EPA Region: 5
NFA Letter 1: Not reported
NFA Letter 2: Not reported
NFA Letter 3: Not reported
NFA Letter 4: Not reported
Closed With Residual Contaminate: Not reported
Coordinate Source: Geocode
X Coord: -88.09689
Y Coord: 41.5522500000001
Latitude: 41.55225
Longitude: -88.09689

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

D15 **TAYYEB PROPERTIES, INC.**
ESE **1522 CLEMENT STREET**
1/4-1/2 **JOLIET, IL 60435**
0.333 mi.
1758 ft. **Site 2 of 3 In cluster D**

UST FINDER **1028309418**
UST FINDER RELEASE **N/A**

Relative:
Higher
Actual:
651 ft.

UST FINDER:
 Object ID: 130028
 Facility ID: IL2010060
 Name: TAYYEB PROPERTIES, INC.
 Address: 1522 CLEMENT STREET
 City,State,Zip: JOLIET, IL 60435
 Address Match Type: PointAddress
 Open USTs: 0
 Closed USTs: 6
 TOS USTs: 0
 Population 1500ft: 1261
 Private Wells 1500ft: 17
 Within 100yr Floodplain: No
 Land Use: Developed, Medium Intensity
 Within SPA: No
 SPA PWS Facility ID: Not reported
 SPA Water Type: Not reported
 SPA Facility Type: Not reported
 SPA HUC12: Not reported
 Within WHPA: Yes
 WHPA PWS Facility ID: IL1970250_20163
 WHPA Water Type: GW - Ground water
 WHPA Facility Type: WL - Well
 WHPA HUC12: 071200040706
 Facility Status: Closed UST(s)
 Date of Last Inspection: Not reported
 EPA Region: 5
 Tribe: Not reported
 Coordinate Source: Geocode
 X Coord: -88.0968868099999
 Y Coord: 41.5522530000001
 Latitude: 41.552253
 Longitude: -88.09688681

UST FINDER:
 Object ID: 405384
 Facility ID: IL2010060
 Tank ID: IL2010060_1
 Tank Status: Closed
 Installation Date: 1972/01/01 16:00:00+00
 Removal Date: 2015/06/16 15:59:59+00
 Tank Capacity: 7500
 Substances: Gasoline
 Tank Wall Type: Not reported

Object ID: 405385
 Facility ID: IL2010060
 Tank ID: IL2010060_2
 Tank Status: Closed
 Installation Date: 1972/01/01 16:00:00+00
 Removal Date: 2015/06/16 15:59:59+00
 Tank Capacity: 7500
 Substances: Gasoline
 Tank Wall Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

TAYYEB PROPERTIES, INC. (Continued)

1028309418

Object ID: 405386
Facility ID: IL2010060
Tank ID: IL2010060_3
Tank Status: Closed
Installation Date: 1972/01/01 16:00:00+00
Removal Date: 2015/06/16 15:59:59+00
Tank Capacity: 7500
Substances: Gasoline
Tank Wall Type: Not reported

Object ID: 405387
Facility ID: IL2010060
Tank ID: IL2010060_4
Tank Status: Closed
Installation Date: 1972/01/01 16:00:00+00
Removal Date: 2015/06/16 15:59:59+00
Tank Capacity: 7500
Substances: Gasoline
Tank Wall Type: Not reported

Object ID: 485659
Facility ID: IL2010060
Tank ID: IL2010060_5
Tank Status: Closed
Installation Date: Not reported
Removal Date: Not reported
Tank Capacity: 12000
Substances: Gasoline
Tank Wall Type: Not reported

Object ID: 485660
Facility ID: IL2010060
Tank ID: IL2010060_6
Tank Status: Closed
Installation Date: Not reported
Removal Date: Not reported
Tank Capacity: 4000
Substances: Gasoline
Tank Wall Type: Not reported

UST FINDER RELEASE:

Object ID: 471011
Facility ID: IL1970455144
Lust ID: IL1970455144_20150536
Name: TAYYEB PROPERTIES, INC.
Address: 1522 CLEMENT STREET
City,State,Zip: JOLIET, IL 0
Address Match Type: PointAddress
Reported Date: 2015/05/14 15:59:59+00
Status: Open
Substance: Unleaded
Population within 1500ft: 1262
Domestic Wells within 1500ft: 17
Land Use: Developed, Medium Intensity
Within SPA: No
SPA PWS Facility ID: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TAYYEB PROPERTIES, INC. (Continued)

1028309418

SPA Water Type: Not reported
 SPA Facility Type: Not reported
 SPA HUC12: Not reported
 Within WHPA: Yes
 WHPA PWS Facility ID: IL1970250_20163
 WHPA Water Type: GW - Ground water
 WHPA Facility Type: WL - Well
 WHPA HUC12: 071200040706
 Within 100yr Floodplain: No
 Tribe: Not reported
 EPA Region: 5
 NFA Letter 1: Not reported
 NFA Letter 2: Not reported
 NFA Letter 3: Not reported
 NFA Letter 4: Not reported
 Closed With Residual Contaminate: Not reported
 Coordinate Source: Geocode
 X Coord: -88.09689
 Y Coord: 41.5522500000001
 Latitude: 41.55225
 Longitude: -88.09689

D16 CLARK OIL & REFINING
ESE 1522 CLEMENT ST
1/4-1/2 JOLIET, IL 60435
0.333 mi.
1758 ft.

LUST S111904085
LUST TRUST N/A
SPILLS
BOL

Relative:
Higher
Actual:
651 ft.

LUST:
 Name: CLARK REFINING & MARKETING
 Address: 1522 CLEMENT STREET
 City,State,Zip: JOLIET, IL 60435
 Incident Num: 990635
 IL EPA Id: 1970455144
 Product: Gasoline
 IEMA Date: 3/17/1999
 Project Manager: Dilbaitis
 Project Manager Phone: (217) 785-8378
 Email: Bradley.Dilbaitis@illinois.gov
 PRP Name: Joliet Gas, Inc.
 PRP Contact: Moinuddin Ali Aqil Jaddi
 PRP Address: 3139 Preakness Drive
 PRP City,St,Zip: Aurora, IL 60502
 PRP Phone: (773) 317-8099
 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: 4/26/1999
No Further Remediation Letter: 12/5/2022
 No Further Remediation Date Recorded: 12/28/2022
 Heating Oil Date: Not reported
 Non-Lust LR Date: Not reported

Name: TAYYEB PROPERTIES, INC.
 Address: 1522 CLEMENT STREET
 City,State,Zip: JOLIET, IL 60435

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARK OIL & REFINING (Continued)

S111904085

Incident Num: 20150536
IL EPA Id: 1970455144
Product: Unleaded Gas
IEMA Date: 5/14/2015
Project Manager: Dilbaitis
Project Manager Phone: (217) 785-8378
Email: Bradley.Dilbaitis@illinois.gov
PRP Name: Joliet Gas, Inc.
PRP Contact: Mirza Baig
PRP Address: 3139 Preakness Drive
PRP City,St,Zip: Aurora, IL 60502
PRP Phone: (773) 317-8099
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: 6/18/2015
45 Report Received: 7/13/2015
No Further Remediation Letter: 3/5/2019
No Further Remediation Date Recorded: 5/24/2019
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

LUST TRUST:

Facility Name: TAYYEB PROPERTIES, INC.
Queue Date: 08/20/2015
Incident Number: 20150536-66471
Amount To Be Paid: \$107,962.50
Running Total: \$10,513,909.41
Date Approved: 10/30/2015
Pay Assignee: Not reported

SPILLS:

Name: Not reported
City,State,Zip: JOLIET, IL
Incident ID: 20150536
Incident Date: 05/14/2015
Date Received: Not reported
Lust Ind: Yes
Facility Address: 1522 CLEMENT ST.,
Facility City: JOLIET
PRP Name: Tayyeb Properties Inc.
AC: Not reported
Source Table: dbo_tbl_CONSTRUCTION101

Name: Not reported
City,State,Zip: JOLIET, IL
Incident ID: 19990635
Incident Date: Not reported
Date Received: 1999-03-17 00:00:00
Lust Ind: Yes
Facility Address: 1522 CLEMENT ST
Facility City: JOLIET
PRP Name: CLARK REFINING & MARKETING INC
AC: Not reported
Source Table: dbo_OCIN_INCIDENTCUR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARK OIL & REFINING (Continued)

S111904085

IEMA SPILLS:

Name: Not reported
Address: 1522 CLEMENT ST.
City,State,Zip: JOLIET, IL
Incident Number: H-2015-0536
Incident Report Date: 05/14/2015
Street Address Of Incident Location: 1522 Clement St.
Incident Location City: Joliet
Incident Location County: Will
Entered By: Watkins, Toni (IEMA)
Date Entered: Not reported
Data Input Status: Closed
Leaking Underground Storage Tank (Lust)? No
Caller: Brian Morin
Caller Represents: Marland Environmental
Hazmat Incident Type: Leak or spill
Date/Time Occurred: Not reported
Mile Post: NA
Section: NA
Township: NA
Range: NA
Area Involved: Fixed Facility
Media/Medium Into Which Release Occurred: Ground
Temp: 65
Wind: unk
Material Name: unleaded gasoline
Type: Liquid
Chris Code: unk
CAS#: unk
UN/NA #: unk
302(A) Extremely Hazardous Substance?: Unknown
Is This A RCRA Hazardous Waste?: Unknown
Is This A RCRA Regulated Facility?: Unknown
Container Type: Under ground storage tank
Container Size: 4-7,500 gal.
Amount Released: unk
Rate Of Release/Min: unk
Duration Of Release: unk
Cause Of Release: unk
Estimated Spill Extent: unk
Spill Extent Units: Not reported
Date/Time Incident Occurred: Not reported
Check If Unknown (Occurrence): v
Date/Time Discovered: 2015-05-14 14:15
Check If Unknown (Discovered): Not reported
Where Taken: NA
On Scene Contact: Brian Morin
Public Health Risks/Precautions Taken: none
Number Of People Evacuated: none
Assistance Needed From State Agencies: none
Containment/Cleanup Actions And Plans: Caller Is Hired Contractor
Responsible Name: Tayyeb Properties Inc.
Facility Manager: Mirza Baig
Facility Manager Phone #: 773/317-8099
Street1: 3139 Preakness Dr.
Contacted ESDA?: Not reported
ESDA On Scene?: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARK OIL & REFINING (Continued)

S111904085

Specific ESDA Agency Contacted: 0
Contacted Fire Department?: Not reported
Fire Department On Scene?: Not reported
Name Of Fire Department Contacted: 0
Contacted Police Department?: Not reported
Police Department On Scene?: Not reported
Name Of Police Department Contacted: 0
Sheriff Police Department?: Not reported
Sheriff Department On Scene?: Not reported
Name Of Sheriff Department Contacted: 0
Was An Agency Other Than ESDA: Not reported
Fire Police Or Sheriff Contacted?: Not reported
Was This Other Agency On Scene?: Not reported
Name Of Other Agency Contacted: 0
Agency Notified Name: IEPA/Reg.3/NRTP/SFM
Date/Time Agency Notified: 2015-05-14 16:33

URL:

Narrative: 05/15/2015 10:58 (PBK) Blaine Kinsley called and requested that the report be e-mailed.

Follow Up: Not reported

Name: Not reported
Address: 1522 CLEMENT ST.
City,State,Zip: JOLIET, IL
Incident Number: H-2015-0536
Incident Report Date: 05/14/2015
Street Address Of Incident Location: 1522 Clement St.
Incident Location City: Joliet
Incident Location County: Will
Entered By: Watkins, Toni (IEMA)
Date Entered: Not reported
Data Input Status: Closed
Leaking Underground Storage Tank (Lust)?: No
Caller: Brian Morin
Caller Represents: Marland Environmental
Hazmat Incident Type: Leak or spill
Date/Time Occurred: Not reported
Mile Post: NA
Section: NA
Township: NA
Range: NA
Area Involved: Fixed Facility
Media/Medium Into Which Release Occurred: Ground
Temp: 65
Wind: unk
Material Name: unleaded gasoline
Type: Liquid
Chris Code: unk
CAS#: unk
UN/NA #: unk
302(A) Extremely Hazardous Substance?: Unknown
Is This A RCRA Hazardous Waste?: Unknown
Is This A RCRA Regulated Facility?: Unknown
Container Type: Under ground storage tank
Container Size: 4-7,500 gal.
Amount Released: unk

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARK OIL & REFINING (Continued)

S111904085

Rate Of Release/Min: unk
Duration Of Release: unk
Cause Of Release: unk
Estimated Spill Extent: unk
Spill Extent Units: Not reported
Date/Time Incident Occurred: Not reported
Check If Unknown (Occurrence): v
Date/Time Discovered: 2015-05-14 14:15
Check If Unknown (Discovered): Not reported
Where Taken: NA
On Scene Contact: Brian Morin
Public Health Risks/Precautions Taken: none
Number Of People Evacuated: none
Assistance Needed From State Agencies: none
Containment/Cleanup Actions And Plans: Caller Is Hired Contractor
Responsible Name: Tayyeb Properties Inc.
Facility Manager: Mirza Baig
Facility Manager Phone #: 773/317-8099
Street1: 3139 Preakness Dr.
Contacted ESDA?: Not reported
ESDA On Scene?: Not reported
Specific ESDA Agency Contacted: 0
Contacted Fire Department?: Not reported
Fire Department On Scene?: Not reported
Name Of Fire Department Contacted: 0
Contacted Police Department?: Not reported
Police Department On Scene?: Not reported
Name Of Police Department Contacted: 0
Sheriff Police Department?: Not reported
Sheriff Department On Scene?: Not reported
Name Of Sheriff Department Contacted: 0
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: 0
Agency Notified Name: IEPA, OSFM, NRTP, & IEMA Region #3
Date/Time Agency Notified: 2015-05-15 11:05

URL:

Narrative: 05/15/2015 10:58 (PBK) Blaine Kinsley called and requested that the report be e-mailed.

Follow Up: Not reported

BOL:

Name: CLARK OIL & REFINING
Address: 1522 CLEMENT ST
City,State,Zip: JOLIET, IL 60435
Site Id: 170000805582
Inv Num: 1970455144
Interest Name: Clark Oil & Refining
Interest Type: BOL
Media Code: LAND
Latitude: 41.552236
Longitude: -88.096573

Name: CLARK OIL & REFINING
Address: 1522 CLEMENT ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARK OIL & REFINING (Continued)

S111904085

City,State,Zip: JOLIET, IL 60435
Site Id: 170000805582
Inv Num: 1970455144
Interest Name: Clark Oil & Refining
Interest Type: LUST
Media Code: LAND
Latitude: 41.552236
Longitude: -88.096573

Name: CLARK OIL & REFINING
Address: 1522 CLEMENT ST
City,State,Zip: JOLIET, IL 60435
Site Id: 170000805582
Inv Num: 1970455144
Interest Name: Clark Oil & Refining
Interest Type: SOLID WASTE
Media Code: LAND
Latitude: 41.552236
Longitude: -88.096573

Name: CLARK OIL & REFINING
Address: 1522 CLEMENT ST
City,State,Zip: JOLIET, IL 60435
Site Id: 170000805582
Inv Num: 1970455144
Interest Name: Clark Refining & Marketing Inc
Interest Type: OER
Media Code: LAND
Latitude: 41.551040
Longitude: -88.096820

17
NE
1/4-1/2
0.498 mi.
2627 ft.

**CREST HILL, CITY OF
2101 OAKLAND AVENUE - ROW
CREST HILL, IL 60403**

**LUST S125715365
BOL N/A**

**Relative:
Lower
Actual:
591 ft.**

LUST:
Name: CREST HILL, CITY OF
Address: 2101 OAKLAND AVENUE - ROW
City,State,Zip: CREST HILL, IL 60403
Incident Num: 20191228
IL EPA Id: 1970255079
Product: Gasoline
IEMA Date: 11/27/2019
Project Manager: Not reported
Project Manager Phone: Not reported
Email: Not reported
PRP Name: City of Crest Hill
PRP Contact: Raymond Soliman
PRP Address: 1610 Plainfield Road
PRP City,St,Zip: Crest Hill, IL 60403
PRP Phone: (815) 741-5123
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CREST HILL, CITY OF (Continued)

S125715365

45 Report Received: Not reported
No Further Remediation Letter: Not reported
No Further Remediation Date Recorded: Not reported
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

BOL:

Name: CREST HILL CITY OF
Address: 2101 OAKLAND AVE ROW
City,State,Zip: CREST HILL, IL 60403
Site Id: 170002401522
Inv Num: 1970255079
Interest Name: Crest Hill City of
Interest Type: BOL
Media Code: LAND
Latitude: 41.561900
Longitude: -88.100100

18
ENE
1/2-1
0.884 mi.
4665 ft.

INSTA-FOAM PRODUCT, INCORPORATION
BROADWAY & CHANEY STREETS
CREST HILL, IL 60435

SEMS 1015731039
CORRACTS ILD043912922
RCRA-VSQG
US ENG CONTROLS
US INST CONTROLS
FINDS
E MANIFEST

Relative:
Lower

Actual:
592 ft.

SEMS:

Site ID: 0506526
EPA ID: ILD043912922
Name: INSTA-FOAM PRODUCT, INCORPORATION
Address: BROADWAY & CHANEY STREETS
Address 2: Not reported
City,State,Zip: CREST HILL, IL 60435
Cong District: 04
FIPS Code: 17197
Latitude: +41.561111
Longitude: -088.088889
FF: N
NPL: Not on the NPL
Non NPL Status: Site Reassessment Start Needed

SEMS Detail:

Region: 05
Site ID: 0506526
EPA ID: ILD043912922
Site Name: INSTA-FOAM PRODUCT, INCORPORATION
NPL: N
FF: N
OU: 00
Action Code: ES
Action Name: ESI
SEQ: 1
Start Date: 1999-11-10 05:00:00
Finish Date: 2000-09-29 04:00:00
Qual: G
Current Action Lead: St Perf

Region: 05

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INSTA-FOAM PRODUCT, INCORPORATION (Continued)

1015731039

Site ID: 0506526
EPA ID: ILD043912922
Site Name: INSTA-FOAM PRODUCT, INCORPORATION
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1991-04-15 04:00:00
Qual: H
Current Action Lead: St Perf

Region: 05
Site ID: 0506526
EPA ID: ILD043912922
Site Name: INSTA-FOAM PRODUCT, INCORPORATION
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1990-09-26 04:00:00
Finish Date: 1990-09-26 04:00:00
Qual: Not reported
Current Action Lead: St Perf

Region: 05
Site ID: 0506526
EPA ID: ILD043912922
Site Name: INSTA-FOAM PRODUCT, INCORPORATION
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1992-06-15 04:00:00
Finish Date: 1992-09-30 04:00:00
Qual: L
Current Action Lead: St Perf

CORRACTS:

Name: DOW CHEMICAL
Address: 2050 N BROADWAY
Address 2: Not reported
EPA ID: ILD043912922
Area Name: Entire Facility
Corrective Action: CAS01RU
Actual Date: 20210628
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INSTA-FOAM PRODUCT, INCORPORATION (Continued)

1015731039

Name: DOW CHEMICAL
Address: 2050 N BROADWAY
Address 2: Not reported
EPA ID: ILD043912922
Area Name: Entire Facility
Corrective Action: INVESTIGATION IMPOSITION
Actual Date: 20080819
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: DOW CHEMICAL
Address: 2050 N BROADWAY
Address 2: Not reported
EPA ID: ILD043912922
Area Name: Entire Facility
Corrective Action: REMEDY CONSTRUCTION-NO REMEDY CONSTRUCTED
Actual Date: 20121129
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: DOW CHEMICAL
Address: 2050 N BROADWAY
Address 2: Not reported
EPA ID: ILD043912922
Area Name: Entire Facility
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 20100129
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: DOW CHEMICAL
Address: 2050 N BROADWAY
Address 2: Not reported
EPA ID: ILD043912922
Area Name: Entire Facility
Corrective Action: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 20100114
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: DOW CHEMICAL
Address: 2050 N BROADWAY
Address 2: Not reported
EPA ID: ILD043912922
Area Name: Entire Facility
Corrective Action: ENGINEERING CONTROLS ESTABLISHED-GROUNDWATER CONTROL
Actual Date: 20121129
Air Release Indicator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INSTA-FOAM PRODUCT, INCORPORATION (Continued)

1015731039

Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: DOW CHEMICAL
Address: 2050 N BROADWAY
Address 2: Not reported
EPA ID: ILD043912922
Area Name: Entire Facility
Corrective Action: INSTITUTIONAL CONTROLS ESTABLISHED-PROPRIETARY CONTROL
Actual Date: 20121026
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: DOW CHEMICAL
Address: 2050 N BROADWAY
Address 2: Not reported
EPA ID: ILD043912922
Area Name: Entire Facility
Corrective Action: READY FOR ANTICIPATED USE DETERMINATION - READY FOR ANTICIPATED USE
Actual Date: 20121129
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

RCRA Listings:

Date Form Received by Agency: 20120411
Handler Name: Dow Chemical
Handler Address: 2050 N Broadway
Handler City,State,Zip: JOLIET, IL 60435
EPA ID: ILD043912922
Contact Name: DAWN MCNAMARA
Contact Address: 901 E KANKAKEE RIVER DR
Contact City,State,Zip: WILMINGTON, IL 60481
Contact Telephone: 815-476-1261
Contact Fax: Not reported
Contact Email: DMMCNAMARA@DOW.COM
Contact Title: EHS DELIVERY LEADER
EPA Region: 05
Land Type: Private
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities, Corrective Action Activities
State District Owner: Not reported
State District: DESPLAINES
Mailing Address: 901 E KANKAKEE RIVER DR
Mailing City,State,Zip: WILMINGTON, IL 60481
Owner Name: Dow Chemical
Owner Type: Private
Operator Name: Dow Chemical
Operator Type: Private
Short-Term Generator Activity: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INSTA-FOAM PRODUCT, INCORPORATION (Continued)

1015731039

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	—
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	Yes
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	Yes
Institutional Control Indicator:	Yes
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2005

[Click Here for Biennial Reporting System Data:](#)

Year: 2003

[Click Here for Biennial Reporting System Data:](#)

Year: 2001

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: U238

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

INSTA-FOAM PRODUCT, INCORPORATION (Continued)

1015731039

Waste Description: Carbamic Acid, Ethyl Ester (Or) Ethyl Carbamate (Urethane)

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: NAME NOT REPORTED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: ADDRESS NOT REPORTED
Owner/Operator City,State,Zip: CITY NOT REPORTED, AK 99998
Owner/Operator Telephone: 312-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DOW CHEMICAL
Legal Status: Private
Date Became Current: 20120411
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DOW CHEMICAL
Legal Status: Private
Date Became Current: 20000221
Date Ended Current: Not reported
Owner/Operator Address: 2050 N BROADWAY
Owner/Operator City,State,Zip: JOLIET, IL 60435
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DOW CHEMICAL
Legal Status: Private
Date Became Current: 20120411
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NAME NOT REPORTED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: ADDRESS NOT REPORTED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INSTA-FOAM PRODUCT, INCORPORATION (Continued)

1015731039

Owner/Operator City,State,Zip: CITY NOT REPORTED, AK 99998
Owner/Operator Telephone: 312-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DOW CHEMICAL
Legal Status: Private
Date Became Current: 20000221
Date Ended Current: Not reported
Owner/Operator Address: 2050 N BROADWAY
Owner/Operator City,State,Zip: JOLIET, IL 60435
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: THE DOW CHEMICAL CO
Legal Status: Private
Date Became Current: 20000221
Date Ended Current: Not reported
Owner/Operator Address: 901 E KANKAKEE RIVER DR
Owner/Operator City,State,Zip: WILMINGTON, IL 60481
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DOW CHEMICAL
Legal Status: Private
Date Became Current: 20000221
Date Ended Current: Not reported
Owner/Operator Address: 2050 N BROADWAY
Owner/Operator City,State,Zip: JOLIET, IL 60435
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DOW CHEMICAL
Legal Status: Private
Date Became Current: 20000221
Date Ended Current: Not reported
Owner/Operator Address: 2050 N BROADWAY
Owner/Operator City,State,Zip: JOLIET, IL 60435
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DOW CHEMICAL
Legal Status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INSTA-FOAM PRODUCT, INCORPORATION (Continued)

1015731039

Date Became Current: 20000221
Date Ended Current: Not reported
Owner/Operator Address: 2030 DOW CTR
Owner/Operator City,State,Zip: MIDLAND, MI 48674
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19800811
Handler Name: INSTA-FOAM PRODUCTS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120411
Handler Name: DOW CHEMICAL
Federal Waste Generator Description: Very Small Quantity Generator (formerly Conditionally-Exempt Small Quantity Generator)
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900228
Handler Name: INSTA-FOAM PRODUCTS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020301
Handler Name: DOW CHEMICAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INSTA-FOAM PRODUCT, INCORPORATION (Continued)

1015731039

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040301
Handler Name: DOW CHEMICAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060301
Handler Name: DOW CHEMICAL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070301
Handler Name: DOW CHEMICAL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 32518
NAICS Description: OTHER BASIC INORGANIC CHEMICAL MANUFACTURING

NAICS Code: 325991
NAICS Description: CUSTOM COMPOUNDING OF PURCHASED RESINS

Has the Facility Received Notices of Violations:

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INSTA-FOAM PRODUCT, INCORPORATION (Continued)

1015731039

Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 20040223
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: JXH
Evaluation Responsible Sub-Organization: F2
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Site:

Name: DOW CHEMICAL
Address: 2050 N BROADWAY
Address 2: Not reported
City,State,Zip: JOLIET, IL 60435
Event Code: CA770GW

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INSTA-FOAM PRODUCT, INCORPORATION (Continued)

1015731039

Action Taken Date: Not reported
EPA ID: ILD043912922
Action Name: Not reported
Action ID: Not reported
Operable Unit: Not reported
Contaminated Media: Not reported
Contact Name: DAWN MCNAMARA
Contact Telephone: 815-476-1261
Event: ENGINEERING CONTROLS ESTABLISHED-GROUNDWATER CONTROL
Federal Facility: Not reported
Fiscal Year: Not reported
NPL Status: Not reported
Superfund Alternative Agreement: Not reported
Latitude: Not reported
Longitude: Not reported

Media:

EPA ID: ILD043912922
Contaminated Media: Not reported
Action ID: Not reported
Operable Unit: Not reported
Action Name: Not reported
Action Taken Date: Not reported
Event Code: CA770GW
Contact Name: DAWN MCNAMARA
Contact Telephone: 815-476-1261
Event: ENGINEERING CONTROLS ESTABLISHED-GROUNDWATER CONTROL
Federal Facility: Not reported
Fiscal Year: Not reported
NPL Status: Not reported
Superfund Alternative Agreement: Not reported
Latitude: Not reported
Longitude: Not reported

US INST CONTROLS:

Name: DOW CHEMICAL
Address: 2050 N BROADWAY
Address 2: Not reported
City,State,Zip: JOLIET, IL 60435
EPA ID: ILD043912922
Action Name: Not reported
Action ID: Not reported
Operable Unit: Not reported
Actual Date: Not reported
Contaminated Media: Not reported
Event Code: CA772PR
Contact Name: DAWN MCNAMARA
Contact Telephone: 815-476-1261
Event: INSTITUTIONAL CONTROLS ESTABLISHED-PROPRIETARY CONTROL
Federal Facility: Not reported
Fiscal Year: Not reported
NPL Status: Not reported
Superfund Alternative Agreement: Not reported
Latitude: Not reported
Longitude: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INSTA-FOAM PRODUCT, INCORPORATION (Continued)

1015731039

FINDS:

Registry ID: 110064147123

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

THE SUPERFUND ENTERPRISE MANAGEMENT SYSTEM (SEMS) INTEGRATES MULTIPLE LEGACY SYSTEMS INTO A COMPREHENSIVE TRACKING AND REPORTING TOOL, PROVIDING DATA ON THE INVENTORY OF ACTIVE AND ARCHIVED HAZARDOUS WASTE SITES EVALUATED BY THE SUPERFUND PROGRAM. IT CONTAINS SITES THAT ARE EITHER PROPOSED TO BE OR ARE ON THE NATIONAL PRIORITIES LIST (NPL) AS WELL AS SITES THAT ARE IN THE SCREENING AND ASSESSMENT PHASE FOR POSSIBLE INCLUSION ON THE NPL.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

E MANIFEST:

Manifest Tracking Number:	001674131VES
Last Updated Date:	20190710
Shipped Date:	20190530
Received Date:	20190618
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD043912922
Generator Name:	Flexible Products Company
Generator Location Street Number:	Not reported
Generator Location Street 1:	2050 NORTH BROADWAY STREET
Generator Location Street 2:	Not reported
Generator Location City:	JOLIET
Generator Location State:	IL
Generator Location Zip:	60435
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	125 S WACKER DR
Generator Mail Street 2:	STE 3000
Generator Mail City:	CHICAGO
Generator Mail Zip:	60435
Generator Mail State:	IL
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	ILD098642424
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	7 MOBILE AVE
Designated Facility Mail City:	SAUGET
Designated Facility Mail Zip:	62201-1069
Designated Facility Mail State:	IL
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	7 MOBILE AVE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	SAUGET
Designated Facility Location Zip:	62201
Designated Facility Location State:	IL
Designated Facility Contact Company Name:	VEOLIA TECHNICAL SOLUTIONS LLC
Manifest Residue Indicator:	N
Rejection Indicator:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INSTA-FOAM PRODUCT, INCORPORATION (Continued)

1015731039

Manifest Tracking Number:	001783825VES
Last Updated Date:	20210922
Shipped Date:	20210818
Received Date:	20210907
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD043912922
Generator Name:	Flexible Products Company
Generator Location Street Number:	Not reported
Generator Location Street 1:	2050 NORTH BROADWAY STREET
Generator Location Street 2:	Not reported
Generator Location City:	JOLIET
Generator Location State:	IL
Generator Location Zip:	60435
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	125 S WACKER DR
Generator Mail Street 2:	STE 3000
Generator Mail City:	CHICAGO
Generator Mail Zip:	60435
Generator Mail State:	IL
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	ILD098642424
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	7 MOBILE AVENUE
Designated Facility Mail Street 2:	L.L.C.
Designated Facility Mail City:	SAUGET
Designated Facility Mail Zip:	62201-1069
Designated Facility Mail State:	IL
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	L.L.C.
Designated Facility Location Street 2:	7 MOBILE AVENUE
Designated Facility Location City:	SAUGET
Designated Facility Location Zip:	62201-1069
Designated Facility Location State:	IL
Designated Facility Contact Company Name:	VEOLIA ES TECHNICAL SOLUTIONS,
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	001783826VES
Last Updated Date:	20210830
Shipped Date:	20210818
Received Date:	20210820
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	ILD043912922
Generator Name:	Flexible Products Company
Generator Location Street Number:	Not reported
Generator Location Street 1:	2050 NORTH BROADWAY STREET
Generator Location Street 2:	Not reported
Generator Location City:	JOLIET
Generator Location State:	IL
Generator Location Zip:	60435
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	125 S WACKER DR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INSTA-FOAM PRODUCT, INCORPORATION (Continued)

1015731039

Generator Mail Street 2: STE 3000
Generator Mail City: CHICAGO
Generator Mail Zip: 60435
Generator Mail State: IL
Generator Contact Company Name: Not reported
Designated Facility EPA ID: WID003967148
Designated Facility Name: Not reported
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: W124 N9451 BOUNDARY
Designated Facility Mail City: MENOMONEE FALLS
Designated Facility Mail Zip: 53051
Designated Facility Mail State: WI
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: W124 N9451 BOUNDARY
Designated Facility Location Street 2: Not reported
Designated Facility Location City: MENOMONEE FALLS
Designated Facility Location Zip: 53051
Designated Facility Location State: WI
Designated Facility Contact Company Name: VEOLIA ES TECHNICAL SOLUTIONS,
Manifest Residue Indicator: N
Rejection Indicator: N

Manifest Tracking Number: 001764085VES
Last Updated Date: 20201120
Shipped Date: 20201026
Received Date: 20201104
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: ILD043912922
Generator Name: Flexible Products Company
Generator Location Street Number: Not reported
Generator Location Street 1: 2050 NORTH BROADWAY STREET
Generator Location Street 2: Not reported
Generator Location City: JOLIET
Generator Location State: IL
Generator Location Zip: 60435
Generator Mail Street Number: Not reported
Generator Mail Street 1: 125 S WACKER DR
Generator Mail Street 2: STE 3000
Generator Mail City: CHICAGO
Generator Mail Zip: 60435
Generator Mail State: IL
Generator Contact Company Name: Not reported
Designated Facility EPA ID: ILD098642424
Designated Facility Name: Not reported
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: 7 MOBILE AVENUE
Designated Facility Mail Street 2: L.L.C.
Designated Facility Mail City: SAUGET
Designated Facility Mail Zip: 62201-1069
Designated Facility Mail State: IL
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: L.L.C.
Designated Facility Location Street 2: 7 MOBILE AVENUE
Designated Facility Location City: SAUGET

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INSTA-FOAM PRODUCT, INCORPORATION (Continued)

1015731039

Designated Facility Location Zip: 62201-1069
Designated Facility Location State: IL
Designated Facility Contact Company Name: VEOLIA ES TECHNICAL SOLUTIONS,
Manifest Residue Indicator: N
Rejection Indicator: N

Manifest Tracking Number: 002157530VES
Last Updated Date: 20221017
Shipped Date: 20220915
Received Date: 20220922
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: ILD043912922
Generator Name: Flexible Products Company
Generator Location Street Number: Not reported
Generator Location Street 1: 2050 NORTH BROADWAY STREET
Generator Location Street 2: Not reported
Generator Location City: JOLIET
Generator Location State: IL
Generator Location Zip: 60435
Generator Mail Street Number: Not reported
Generator Mail Street 1: 125 S WACKER DR
Generator Mail Street 2: STE 3000
Generator Mail City: CHICAGO
Generator Mail Zip: 60435
Generator Mail State: IL
Generator Contact Company Name: Not reported
Designated Facility EPA ID: ILD098642424
Designated Facility Name: Not reported
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: 7 MOBILE AVENUE
Designated Facility Mail Street 2: L.L.C.
Designated Facility Mail City: SAUGET
Designated Facility Mail Zip: 62201-1069
Designated Facility Mail State: IL
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: L.L.C.
Designated Facility Location Street 2: 7 MOBILE AVENUE
Designated Facility Location City: SAUGET
Designated Facility Location Zip: 62201-1069
Designated Facility Location State: IL
Designated Facility Contact Company Name: VEOLIA ES TECHNICAL SOLUTIONS,
Manifest Residue Indicator: N
Rejection Indicator: N

State Waste:

Manifest Tracking Number: 002157530VES
Waste Line Number: 1
State Waste Code Owner: IL
State Waste Code: IL18
State Waste: II18

Transporter:

Manifest Tracking Number: 002157530VES
Transporter Line Number: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INSTA-FOAM PRODUCT, INCORPORATION (Continued)

1015731039

Transporter EPA ID: NJD080631369
Transporter Name: Veolia Es Technical Solutions

Waste Line:

Manifest Tracking Number: 002157530VES
Waste Line Number: 1
U.S. DOT Hazardous Indicator: N
U.S. DOT ID Number: Not reported
U.S. DOT Description: Not reported
Non-Hazardous Waste Description: NON RCRA AND DOT NON REGULATED LIQUID, (WATER, OIL)
Number of Containers: 1
Container Type Code: DM
Container Type Description: Metal drums, barrels, kegs
Waste Quantity: 55
Quantity Unit of Measure Code: G
Quantity Unit of Measure Description: Gallons
Waste Quantity, in Tons: 0.2293578
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.2293578
Waste Quantity, in Kilograms: 208.03441
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilograms: 208.03441
Management Method Code: H040
Management Method Description: INCINERATION
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

19
ENE
1/2-1
0.930 mi.
4913 ft.

DOW CHEMICAL
2050 NORTH BROADWAY
CREST HILL, IL 60435

SSU 1000395469
SRP N/A

Relative:
Lower
Actual:
585 ft.

SSU:
Name: INSTA-FOAM PRODUCTS
Address: 2050 NORTH BROADWAY
City, State, Zip: CREST HILL, IL
Facility ID: 1970455016
Facility Type: Mine - Quarry
Region: Des Plaines
Current Program: SRP
Project Manager: Murphy
Community Relations: Not reported
SSU Status: Transferred
FOS: NA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DOW CHEMICAL (Continued)

1000395469

Year Completed: Not reported
Site Size: 9
Lat/Long: Not reported

SRP:

Name: DOW CHEMICAL
Address: 2050 NORTH BROADWAY
City,State,Zip: CREST HILL, IL 60435
IL EPA Id: 1970455016
US EPA Id: ILD043912922
Longitude: -88.089066
Latitude: 41.561733
Contact Name: Timothy King
Contact Address: 3200-3300 Kanawha Turnpike
Contact City,St,Zip: South Charleston, WV 25303
Date Enrolled: 06/11/2004
Point Of Contact: Mara E. Hollinbeck
Consultant Company: CH2M Hill
Consultant Address: 8501 West Higgins Road
Consultant City,St,Zip: Chicago, IL 60631
Proj Mgr Assigned: Tim Murphy
Sec. 4 Letter Date: Not reported
Active: No
Remediation Applicant Co: The Dow Chemical Company

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOCKPORT	S107926317	FAIRFAX SUBDIVISION	MAY STREET		SSU

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: 09/25/2024	Source: EPA
Date Data Arrived at EDR: 10/01/2024	Telephone: N/A
Date Made Active in Reports: 10/23/2024	Last EDR Contact: 12/03/2024
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/06/2025
	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 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

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: 09/25/2024	Source: EPA
Date Data Arrived at EDR: 10/01/2024	Telephone: N/A
Date Made Active in Reports: 10/23/2024	Last EDR Contact: 12/03/2024
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/06/2025
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/25/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 01/06/2025
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: 06/07/2024
Date Data Arrived at EDR: 06/25/2024
Date Made Active in Reports: 09/19/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/24/2024
Next Scheduled EDR Contact: 01/09/2025
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 known 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: 09/25/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 01/20/2025
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/25/2024	Source: EPA
Date Data Arrived at EDR: 10/01/2024	Telephone: 800-424-9346
Date Made Active in Reports: 10/23/2024	Last EDR Contact: 12/03/2024
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/20/2025
	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: 09/16/2024	Source: EPA
Date Data Arrived at EDR: 09/17/2024	Telephone: 800-424-9346
Date Made Active in Reports: 12/06/2024	Last EDR Contact: 09/17/2024
Number of Days to Update: 80	Next Scheduled EDR Contact: 12/30/2024
	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: 09/16/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/17/2024	Telephone: 312-886-6186
Date Made Active in Reports: 12/06/2024	Last EDR Contact: 09/17/2024
Number of Days to Update: 80	Next Scheduled EDR Contact: 12/30/2024
	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: 09/16/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/17/2024	Telephone: 312-886-6186
Date Made Active in Reports: 12/06/2024	Last EDR Contact: 09/17/2024
Number of Days to Update: 80	Next Scheduled EDR Contact: 12/30/2024
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/16/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/17/2024	Telephone: 312-886-6186
Date Made Active in Reports: 12/06/2024	Last EDR Contact: 09/17/2024
Number of Days to Update: 80	Next Scheduled EDR Contact: 12/30/2024
	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: 09/16/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/17/2024	Telephone: 312-886-6186
Date Made Active in Reports: 12/06/2024	Last EDR Contact: 09/17/2024
Number of Days to Update: 80	Next Scheduled EDR Contact: 12/30/2024
	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: 07/15/2024	Source: Department of the Navy
Date Data Arrived at EDR: 07/17/2024	Telephone: 843-820-7326
Date Made Active in Reports: 10/09/2024	Last EDR Contact: 11/13/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 02/17/2025
	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: 07/24/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/08/2024	Telephone: 703-603-0695
Date Made Active in Reports: 08/15/2024	Last EDR Contact: 11/15/2024
Number of Days to Update: 7	Next Scheduled EDR Contact: 12/02/2024
	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: 07/24/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/08/2024	Telephone: 703-603-0695
Date Made Active in Reports: 08/15/2024	Last EDR Contact: 11/15/2024
Number of Days to Update: 7	Next Scheduled EDR Contact: 03/03/2025
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/11/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 79

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
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: 01/31/2024
Date Data Arrived at EDR: 01/31/2024
Date Made Active in Reports: 02/13/2024
Number of Days to Update: 13

Source: Illinois Environmental Protection Agency
Telephone: 217-524-4826
Last EDR Contact: 10/09/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

Lists of state and tribal landfills and solid waste disposal facilities

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: 03/28/2024
Date Data Arrived at EDR: 07/02/2024
Date Made Active in Reports: 09/24/2024
Number of Days to Update: 84

Source: Illinois EPA
Telephone: 217-524-3300
Last EDR Contact: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

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: 12/31/2022
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/08/2024
Number of Days to Update: 83

Source: Illinois Environmental Protection Agency
Telephone: 217-785-8604
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Annually

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Illinois EPA
Date Data Arrived at EDR: 06/17/2009	Telephone: 217-782-9288
Date Made Active in Reports: 07/15/2009	Last EDR Contact: 06/10/2009
Number of Days to Update: 28	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	Source: Northeastern Illinois Planning Commission
Date Data Arrived at EDR: 04/07/2022	Telephone: 312-454-0400
Date Made Active in Reports: 07/01/2022	Last EDR Contact: 04/07/2022
Number of Days to Update: 85	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: 07/15/2024	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 07/16/2024	Telephone: 217-524-3300
Date Made Active in Reports: 09/27/2024	Last EDR Contact: 10/16/2024
Number of Days to Update: 73	Next Scheduled EDR Contact: 01/27/2025
	Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/07/2024	Source: EPA Region 6
Date Data Arrived at EDR: 05/30/2024	Telephone: 214-665-6597
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 10/16/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/27/2025
	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: 05/07/2024	Source: EPA Region 10
Date Data Arrived at EDR: 05/30/2024	Telephone: 206-553-2857
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 10/16/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/27/2025
	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: 04/11/2024	Source: EPA, Region 5
Date Data Arrived at EDR: 05/30/2024	Telephone: 312-886-7439
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 10/16/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/27/2025
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/07/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/30/2024	Telephone: 415-972-3372
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 10/16/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/27/2025
	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: 05/07/2024	Source: EPA Region 8
Date Data Arrived at EDR: 05/30/2024	Telephone: 303-312-6271
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 10/16/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/27/2025
	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: 05/07/2024	Source: EPA Region 7
Date Data Arrived at EDR: 05/30/2024	Telephone: 913-551-7003
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 10/16/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/27/2025
	Data Release Frequency: Varies

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: 05/07/2024	Source: EPA Region 1
Date Data Arrived at EDR: 05/30/2024	Telephone: 617-918-1313
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 10/16/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/27/2025
	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: 05/07/2024	Source: EPA Region 4
Date Data Arrived at EDR: 05/30/2024	Telephone: 404-562-8677
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 10/16/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/27/2025
	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	Source: Illinois EPA
Date Data Arrived at EDR: 07/27/2016	Telephone: 217-782-6762
Date Made Active in Reports: 10/18/2016	Last EDR Contact: 10/09/2024
Number of Days to Update: 83	Next Scheduled EDR Contact: 01/27/2025
	Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/15/2024	Source: FEMA
Date Data Arrived at EDR: 03/19/2024	Telephone: 202-646-5797
Date Made Active in Reports: 06/17/2024	Last EDR Contact: 09/25/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/13/2025
	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: 07/15/2024	Source: Illinois State Fire Marshal
Date Data Arrived at EDR: 07/16/2024	Telephone: 217-785-0969
Date Made Active in Reports: 09/27/2024	Last EDR Contact: 10/16/2024
Number of Days to Update: 73	Next Scheduled EDR Contact: 01/27/2025
	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: 08/08/2024	Source: State Fire Marshal
Date Data Arrived at EDR: 08/13/2024	Telephone: 217-785-1011
Date Made Active in Reports: 10/29/2024	Last EDR Contact: 11/07/2024
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/24/2025
	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: 05/14/2024	Source: EPA, Region 1
Date Data Arrived at EDR: 05/30/2024	Telephone: 617-918-1313
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 10/16/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/27/2025
	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: 05/14/2024	Source: EPA Region 6
Date Data Arrived at EDR: 05/30/2024	Telephone: 214-665-7591
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 10/16/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/27/2025
	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: 05/14/2024	Source: EPA Region 10
Date Data Arrived at EDR: 05/30/2024	Telephone: 206-553-2857
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 10/16/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/27/2025
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/14/2024	Source: EPA Region 4
Date Data Arrived at EDR: 05/30/2024	Telephone: 404-562-9424
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 10/16/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 07/29/2024
	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: 05/14/2024	Source: EPA Region 9
Date Data Arrived at EDR: 05/30/2024	Telephone: 415-972-3368
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 10/16/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/27/2025
	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: 05/14/2024	Source: EPA Region 8
Date Data Arrived at EDR: 05/30/2024	Telephone: 303-312-6137
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 10/16/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/27/2025
	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: 05/14/2024	Source: EPA Region 7
Date Data Arrived at EDR: 05/30/2024	Telephone: 913-551-7003
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 10/16/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/27/2025
	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: 04/11/2024	Source: EPA Region 5
Date Data Arrived at EDR: 05/30/2024	Telephone: 312-886-6136
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 10/16/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 01/27/2025
	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: 09/23/2024	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 09/24/2024	Telephone: 217-782-6761
Date Made Active in Reports: 12/09/2024	Last EDR Contact: 09/24/2024
Number of Days to Update: 76	Next Scheduled EDR Contact: 01/06/2025
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/23/2024
Date Data Arrived at EDR: 09/24/2024
Date Made Active in Reports: 12/09/2024
Number of Days to Update: 76

Source: Illinois Environmental Protection Agency
Telephone: 217-782-6761
Last EDR Contact: 09/24/2024
Next Scheduled EDR Contact: 01/06/2025
Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

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: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Varies

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: 09/23/2024
Date Data Arrived at EDR: 09/24/2024
Date Made Active in Reports: 12/09/2024
Number of Days to Update: 76

Source: Illinois Environmental Protection Agency
Telephone: 217-785-9407
Last EDR Contact: 09/24/2024
Next Scheduled EDR Contact: 01/06/2025
Data Release Frequency: Semi-Annually

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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: 10/17/2024
Next Scheduled EDR Contact: 01/27/2025
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/15/2024
Date Data Arrived at EDR: 07/16/2024
Date Made Active in Reports: 09/27/2024
Number of Days to Update: 73

Source: Illinois Environmental Protection Agency
Telephone: 217-524-1658
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
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: 09/09/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/11/2024
Next Scheduled EDR Contact: 12/23/2024
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: 10/17/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: Varies

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: 11/19/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: No Update Planned

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

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/07/2024
Date Data Arrived at EDR: 11/13/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 6

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/13/2024
Next Scheduled EDR Contact: 02/03/2025
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: 05/20/2024
Date Data Arrived at EDR: 08/19/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 51

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: No Update Planned

CDL: Meth Drug Lab Site Listing

A listing of clandestine/meth drug lab locations.

Date of Government Version: 07/05/2024
Date Data Arrived at EDR: 07/08/2024
Date Made Active in Reports: 09/27/2024
Number of Days to Update: 81

Source: Department of Public Health
Telephone: 217-782-5750
Last EDR Contact: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
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: 05/20/2024
Date Data Arrived at EDR: 08/19/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 51

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
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: 09/25/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 01/06/2025
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/14/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 7

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

SPILLS: State spills

A listing of incidents reported to the Office of Emergency Response.

Date of Government Version: 05/06/2024
Date Data Arrived at EDR: 07/02/2024
Date Made Active in Reports: 09/24/2024
Number of Days to Update: 84

Source: Illinois EPA
Telephone: 217-782-3637
Last EDR Contact: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Semi-Annually

IEMA SPILLS: Illinois Emergency Management Agency Spills

A listing of hazardous materials incidents reported to the Illinois Emergency Management Agency.

Date of Government Version: 07/22/2024
Date Data Arrived at EDR: 07/23/2024
Date Made Active in Reports: 10/11/2024
Number of Days to Update: 80

Source: Illinois Emergency Management Agency
Telephone: 217-524-0770
Last EDR Contact: 10/22/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: Quarterly

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: 7

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: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
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: 07/31/2024
Date Data Arrived at EDR: 08/12/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 58

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/12/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: USGS
Date Data Arrived at EDR: 07/13/2021	Telephone: 888-275-8747
Date Made Active in Reports: 03/09/2022	Last EDR Contact: 10/10/2024
Number of Days to Update: 239	Next Scheduled EDR Contact: 01/20/2025
	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	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 10/03/2024
Number of Days to Update: 574	Next Scheduled EDR Contact: 01/13/2025
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2023	Telephone: 615-532-8599
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 11/04/2024
Number of Days to Update: 7	Next Scheduled EDR Contact: 02/17/2025
	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: 06/10/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/17/2024	Telephone: 202-566-1917
Date Made Active in Reports: 09/04/2024	Last EDR Contact: 09/17/2024
Number of Days to Update: 79	Next Scheduled EDR Contact: 12/30/2024
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 10/24/2024
Number of Days to Update: 88	Next Scheduled EDR Contact: 02/10/2025
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/31/2024
Number of Days to Update: 73	Next Scheduled EDR Contact: 02/10/2025
	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: 12/31/2020	Source: EPA
Date Data Arrived at EDR: 06/14/2022	Telephone: 202-260-5521
Date Made Active in Reports: 03/24/2023	Last EDR Contact: 10/03/2024
Number of Days to Update: 283	Next Scheduled EDR Contact: 12/23/2024
	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: 12/31/2022	Source: EPA
Date Data Arrived at EDR: 11/13/2023	Telephone: 202-566-0250
Date Made Active in Reports: 02/07/2024	Last EDR Contact: 11/14/2024
Number of Days to Update: 86	Next Scheduled EDR Contact: 02/24/2025
	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: 07/11/2024	Source: EPA
Date Data Arrived at EDR: 07/11/2024	Telephone: 202-564-4203
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 10/16/2024
Number of Days to Update: 1	Next Scheduled EDR Contact: 01/27/2025
	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: 10/24/2024	Source: EPA
Date Data Arrived at EDR: 11/01/2024	Telephone: 703-416-0223
Date Made Active in Reports: 11/19/2024	Last EDR Contact: 12/03/2024
Number of Days to Update: 18	Next Scheduled EDR Contact: 03/10/2025
	Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/12/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/17/2024	Telephone: 202-564-8600
Date Made Active in Reports: 10/09/2024	Last EDR Contact: 10/09/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 01/27/2025
	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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	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: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-564-6023
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 12/03/2024
Number of Days to Update: 16	Next Scheduled EDR Contact: 02/10/2025
	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: 05/23/2024	Source: EPA
Date Data Arrived at EDR: 07/02/2024	Telephone: 202-566-0500
Date Made Active in Reports: 09/26/2024	Last EDR Contact: 10/02/2024
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/13/2025
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 09/25/2024
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/12/2024
Date Data Arrived at EDR: 10/17/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 33

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 10/09/2024
Next Scheduled EDR Contact: 01/27/2025
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: 12/31/2022
Date Data Arrived at EDR: 11/27/2023
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
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: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
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: 10/31/2024
Next Scheduled EDR Contact: 02/10/2025
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/18/2024
Next Scheduled EDR Contact: 01/06/2025
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 Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 10/04/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 51

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 02/03/2025
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: 06/30/2024
Date Data Arrived at EDR: 07/08/2024
Date Made Active in Reports: 09/26/2024
Number of Days to Update: 80

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
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: 11/22/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/01/2024
Next Scheduled EDR Contact: 01/13/2025
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: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 02/10/2025
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: 05/08/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 14

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/14/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 09/25/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 01/06/2025
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 1931 and 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 10/01/2024
Date Data Arrived at EDR: 10/02/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 7

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Quarterly

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: 08/06/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/15/2024
Number of Days to Update: 1

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/18/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Semi-Annually

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: 05/02/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 50

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
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: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

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: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/10/2024	Source: Department of Interior
Date Data Arrived at EDR: 09/11/2024	Telephone: 202-208-2609
Date Made Active in Reports: 11/19/2024	Last EDR Contact: 12/10/2024
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/17/2025
	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: 08/13/2024	Source: EPA
Date Data Arrived at EDR: 08/20/2024	Telephone: (312) 353-2000
Date Made Active in Reports: 08/28/2024	Last EDR Contact: 11/20/2024
Number of Days to Update: 8	Next Scheduled EDR Contact: 03/10/2025
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 11/13/2024
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/03/2025
	Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023	Source: Department of Defense
Date Data Arrived at EDR: 09/13/2023	Telephone: 703-704-1564
Date Made Active in Reports: 12/11/2023	Last EDR Contact: 10/03/2024
Number of Days to Update: 89	Next Scheduled EDR Contact: 01/20/2025
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/23/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/28/2024	Telephone: 202-564-2280
Date Made Active in Reports: 07/12/2024	Last EDR Contact: 10/01/2024
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/13/2024
Date Data Arrived at EDR: 08/13/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 57

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/08/2024
Next Scheduled EDR Contact: 02/24/2025
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: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
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: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
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: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
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: 10/17/2024
Next Scheduled EDR Contact: 02/03/2025
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: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023
Date Data Arrived at EDR: 04/05/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 32

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 12/05/2024
Next Scheduled EDR Contact: 03/17/2025
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. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: 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 facilities 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: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS PT 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: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
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: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

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: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 10/13/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 11/06/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Semi-Annually

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories. UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 11/06/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Varies

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as e-Manifest, will modernize the nation's cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 04/18/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/15/2023
Date Data Arrived at EDR: 12/27/2023
Date Made Active in Reports: 12/29/2023
Number of Days to Update: 2

Source: Illinois Environmental Protection Agency
Telephone: 217-524-3038
Last EDR Contact: 12/04/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: Varies

AIRS: Air Inventory Listing

A listing of air permits and emissions information.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/02/2024
Date Made Active in Reports: 09/25/2024
Number of Days to Update: 85

Source: Illinois EPA
Telephone: 217-557-0314
Last EDR Contact: 09/18/2024
Next Scheduled EDR Contact: 01/06/2025
Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Tracker Information

A listing of asbestos abatement & demolition project site locations in the state.

Date of Government Version: 06/21/2024
Date Data Arrived at EDR: 06/26/2024
Date Made Active in Reports: 09/16/2024
Number of Days to Update: 82

Source: Illinois EPA
Telephone: 217-558-5101
Last EDR Contact: 09/18/2024
Next Scheduled EDR Contact: 01/06/2025
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: 10/16/2023
Date Data Arrived at EDR: 04/23/2024
Date Made Active in Reports: 07/16/2024
Number of Days to Update: 84

Source: Illinois Environmental Protection Agency
Telephone: 217-785-9407
Last EDR Contact: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

COAL ASH: Coal Ash Site Listing

A listing of coal ash site locations.

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: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
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: 07/02/2024
Date Data Arrived at EDR: 08/12/2024
Date Made Active in Reports: 10/29/2024
Number of Days to Update: 78

Source: Drycleaner Environmental Response Trust Fund of Illinois
Telephone: 800-765-4041
Last EDR Contact: 11/08/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Varies

FIN 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: 08/28/2024
Date Data Arrived at EDR: 09/12/2024
Date Made Active in Reports: 11/25/2024
Number of Days to Update: 74

Source: Illinois Environmental Protection Agency
Telephone: 217-782-9887
Last EDR Contact: 11/07/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Illinois EPA
Date Data Arrived at EDR: 05/11/2021	Telephone: 217-524-3300
Date Made Active in Reports: 08/02/2021	Last EDR Contact: 09/25/2024
Number of Days to Update: 83	Next Scheduled EDR Contact: 01/13/2025
	Data Release Frequency: Annually

IMPDMNT: 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 potential 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	Source: Illinois Waste Management & Research Center
Date Data Arrived at EDR: 03/08/2002	Telephone: 217-333-8940
Date Made Active in Reports: 06/03/2002	Last EDR Contact: 05/12/2022
Number of Days to Update: 87	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	Source: Illinois EPA
Date Data Arrived at EDR: 04/18/2014	Telephone: 217-782-0610
Date Made Active in Reports: 05/20/2014	Last EDR Contact: 09/18/2024
Number of Days to Update: 32	Next Scheduled EDR Contact: 01/06/2025
	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: 09/09/2024	Source: Illinois EPA
Date Data Arrived at EDR: 09/11/2024	Telephone: 217-524-3289
Date Made Active in Reports: 11/19/2024	Last EDR Contact: 12/06/2024
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/24/2025
	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: 12/31/2023	Source: Illinois Emergency Management Agency
Date Data Arrived at EDR: 05/07/2024	Telephone: 217-785-9860
Date Made Active in Reports: 08/01/2024	Last EDR Contact: 10/30/2024
Number of Days to Update: 86	Next Scheduled EDR Contact: 02/17/2025
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/15/2024
Date Data Arrived at EDR: 05/22/2024
Date Made Active in Reports: 08/19/2024
Number of Days to Update: 89

Source: Illinois EPA
Telephone: 217-782-9878
Last EDR Contact: 11/07/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Semi-Annually

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Department of Natural Resources
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	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	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/10/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 193	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	Source: Illinois Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	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: 08/21/2024	Source: Chicago Department of Public Health
Date Data Arrived at EDR: 09/10/2024	Telephone: 312-747-9884
Date Made Active in Reports: 11/19/2024	Last EDR Contact: 09/10/2024
Number of Days to Update: 70	Next Scheduled EDR Contact: 12/23/2024
	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: 08/21/2024	Source: Chicago Department of Public Health
Date Data Arrived at EDR: 09/10/2024	Telephone: 312-747-9884
Date Made Active in Reports: 11/19/2024	Last EDR Contact: 09/10/2024
Number of Days to Update: 70	Next Scheduled EDR Contact: 12/23/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/21/2024	Source: Chicago Department of Public Health
Date Data Arrived at EDR: 09/10/2024	Telephone: 312-747-9884
Date Made Active in Reports: 11/19/2024	Last EDR Contact: 09/10/2024
Number of Days to Update: 70	Next Scheduled EDR Contact: 12/23/2024
	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: 08/21/2024	Source: Chicago Department of Public Health
Date Data Arrived at EDR: 09/10/2024	Telephone: 312-747-9884
Date Made Active in Reports: 11/25/2024	Last EDR Contact: 09/10/2024
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/23/2024
	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: 08/21/2024	Source: Chicago Department of Public Health
Date Data Arrived at EDR: 09/10/2024	Telephone: 312-747-9884
Date Made Active in Reports: 11/25/2024	Last EDR Contact: 09/10/2024
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/23/2024
	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 Health's (CDPH) Tank Asset Database. The Tank Asset Database contains tank information from CDPH AST and UST permit applications as well as UST records imported from the historic 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: 08/21/2024	Source: Department of Public Health
Date Data Arrived at EDR: 09/10/2024	Telephone: 312-747-2374
Date Made Active in Reports: 11/19/2024	Last EDR Contact: 08/21/2024
Number of Days to Update: 70	Next Scheduled EDR Contact: 12/23/2024
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/05/2024
Date Data Arrived at EDR: 08/06/2024
Date Made Active in Reports: 10/25/2024
Number of Days to Update: 80

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/05/2024
Next Scheduled EDR Contact: 02/17/2025
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: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
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: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 02/03/2025
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: 10/03/2024
Next Scheduled EDR Contact: 01/20/2025
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: 11/07/2024
Next Scheduled EDR Contact: 02/24/2025
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: 11/27/2024
Next Scheduled EDR Contact: 03/17/2025
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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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

INNER CIRCLE CREST HILL
1804 INNER CIRCLE DRIVE
CREST HILL, IL 60403

TARGET PROPERTY COORDINATES

Latitude (North):	41.556324 - 41° 33' 22.77"
Longitude (West):	88.1076 - 88° 6' 27.36"
Universal Transverse Mercator:	Zone 16
UTM X (Meters):	407633.6
UTM Y (Meters):	4600896.5
Elevation:	628 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	24266827 JOLIET, IL
Version Date:	2021
West Map:	24266863 PLAINFIELD, IL
Version Date:	2021

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).

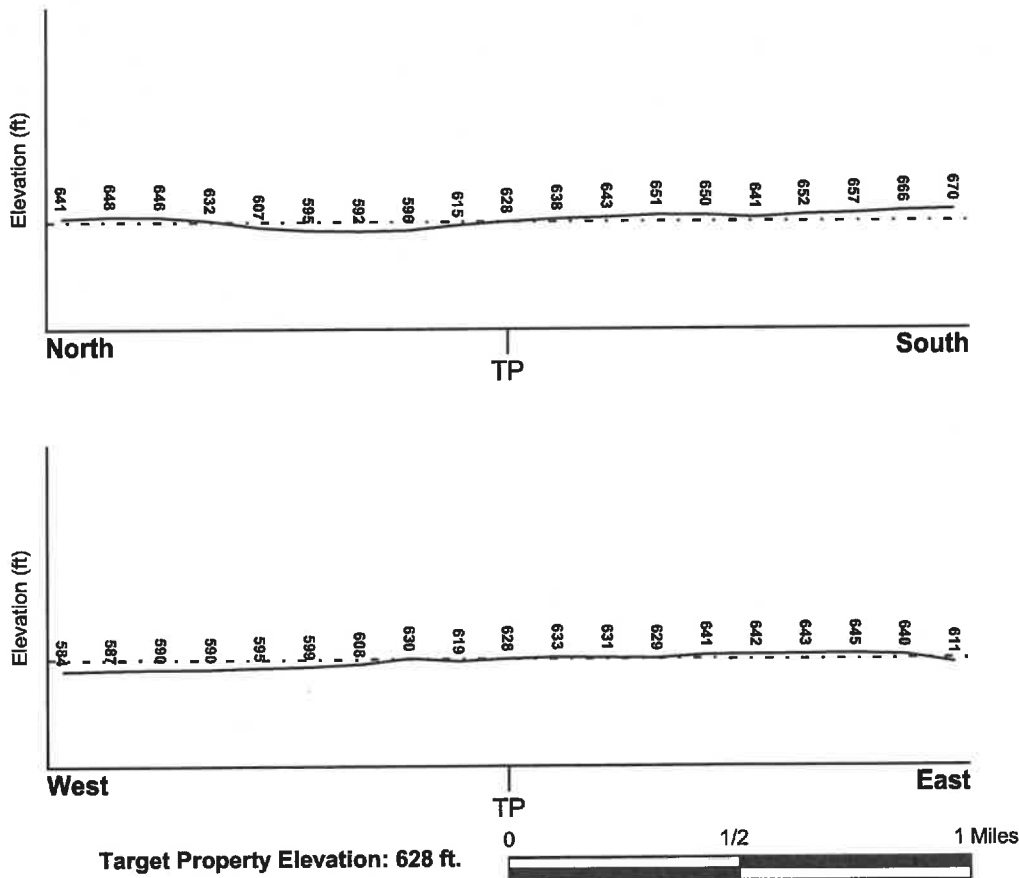
TOPOGRAPHIC INFORMATION

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 North

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

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
17197C0161E	FEMA Q3 Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
17197C0154E	FEMA Q3 Flood data
17197C0153E	FEMA Q3 Flood data
17197C0162E	FEMA Q3 Flood data
17197C0142E	FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
JOLIET	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.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

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

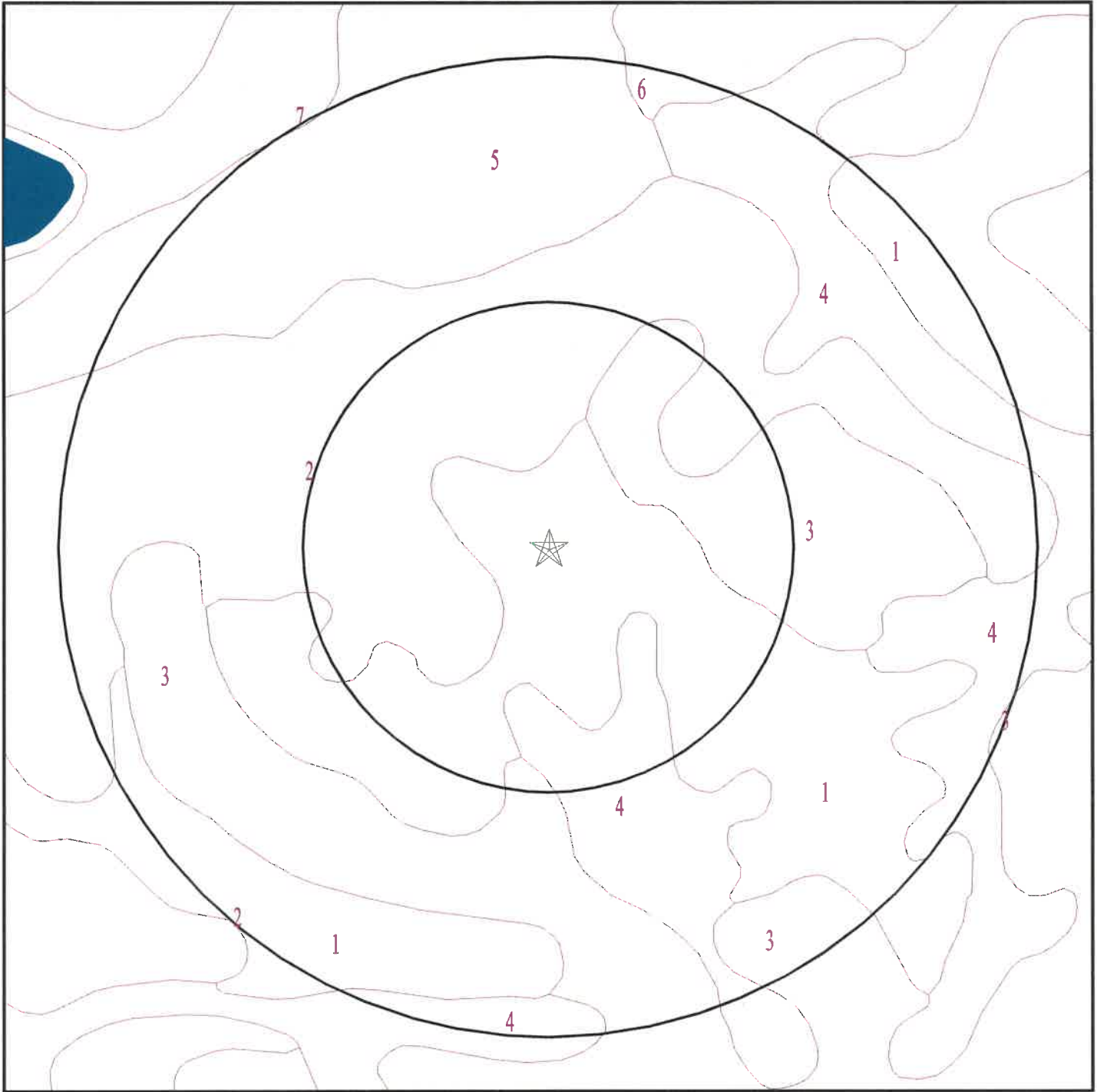
Era: Paleozoic
System: Silurian
Series: Middle Silurian (Niagoaran)
Code: S2 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

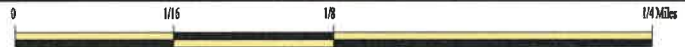
Category: Stratified Sequence

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 - 7847166.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Inner Circle Crest Hill
ADDRESS: 1804 Inner Circle Drive
Crest Hill IL 60403
LAT/LONG: 41.556324 / 88.1076

CLIENT: V3 Companies of IL, LTD
CONTACT: Jonathan Shuptar
INQUIRY #: 7847166.2s
DATE: December 12, 2024 11:50 am

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: Varna

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: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 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
2	9 inches	29 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
3	29 inches	50 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	50 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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Varna
 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: Not hydric
 Corrosion Potential - Uncoated Steel: High
 Depth to Bedrock Min: > 0 inches
 Depth to Watertable Min: > 84 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 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 Soils.	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.9
2	9 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 Soils.	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.9
3	31 inches	35 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 Soils.	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.9
4	35 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 Soils.	Max: 1.41 Min: 0.42	Max: 8.4 Min: 7.9

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: Elliott

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: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 41 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 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: 7.4
2	9 inches	12 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: 7.4
3	12 inches	16 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: 7.4
4	16 inches	35 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: 7.4
5	35 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: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 4

Soil Component Name: Ashkum

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: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	53 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: 4.23 Min: 1.41	Max: 7.8 Min: 6.6
2	0 inches	11 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: 4.23 Min: 1.41	Max: 7.8 Min: 6.6
3	11 inches	29 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: 4.23 Min: 1.41	Max: 7.8 Min: 6.6
4	29 inches	53 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: 4.23 Min: 1.41	Max: 7.8 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 5

Soil Component Name: Will

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	16 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 705 Min: 141.14	Max: 8.4 Min: 7.4
2	16 inches	24 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 705 Min: 141.14	Max: 8.4 Min: 7.4
3	24 inches	59 inches	stratified gravelly loamy sand to extremely gravelly coarse sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 705 Min: 141.14	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 6

Soil Component Name: Lorenzo

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 705 Min: 141.14	Max: 8.4 Min: 7.4
2	9 inches	18 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 705 Min: 141.14	Max: 8.4 Min: 7.4
3	18 inches	59 inches	stratified gravelly loamy sand to extremely gravelly coarse sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 705 Min: 141.14	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 7

Soil Component Name: Houghton
 Soil Surface Texture: muck
 Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.
 Soil Drainage Class: Very poorly drained
 Hydric Status: All hydric
 Corrosion Potential - Uncoated Steel: High
 Depth to Bedrock Min: > 0 inches
 Depth to Watertable Min: > 15 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 inches	muck	A-8	Highly organic soils, Peat.	Max: 42.34 Min: 1.41	Max: Min:
2	18 inches	59 inches	muck	A-8	Highly organic soils, Peat.	Max: 42.34 Min: 1.41	Max: Min:

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

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	USGS40000298651	1/4 - 1/2 Mile SE
C13	USGS40000298646	1/4 - 1/2 Mile SE
E22	USGS40000298669	1/2 - 1 Mile ENE
Q72	USGS40000298649	1/2 - 1 Mile WSW
W120	USGS40000298678	1/2 - 1 Mile NE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
20	IL0087056	1/4 - 1/2 Mile ESE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	ILSG40000345060	1/4 - 1/2 Mile South
A3	ILSG40000344163	1/4 - 1/2 Mile NE
A4	ILEPAC700002229	1/4 - 1/2 Mile NE
5	ILPW56039	1/4 - 1/2 Mile NW
B6	ILSG40000345600	1/4 - 1/2 Mile East
B7	ILSG40000333684	1/4 - 1/2 Mile East
B8	ILPW56065	1/4 - 1/2 Mile East
B9	ILSG40000345597	1/4 - 1/2 Mile East
B10	ILPW56064	1/4 - 1/2 Mile ESE
11	ILPW56040	1/4 - 1/2 Mile SSE
C12	ILSG40000333683	1/4 - 1/2 Mile SE
D14	ILSG40000356278	1/4 - 1/2 Mile SW
D15	ILSG40000350995	1/4 - 1/2 Mile SW
D16	ILSG40000350996	1/4 - 1/2 Mile SW
D17	ILSG40000350998	1/4 - 1/2 Mile SW
D18	ILSG40000350997	1/4 - 1/2 Mile SW
19	ILSG40000345058	1/4 - 1/2 Mile SSE
21	ILPW49916	1/2 - 1 Mile SE
E23	ILEPAC700002227	1/2 - 1 Mile ENE
24	ILEPANC70004069	1/2 - 1 Mile ESE
25	ILSG40000345598	1/2 - 1 Mile East
F26	ILPW56041	1/2 - 1 Mile North
F27	ILPW56042	1/2 - 1 Mile North
G28	ILSG40000344162	1/2 - 1 Mile WSW
G29	ILSG40000340949	1/2 - 1 Mile WSW
F30	ILSG40000346427	1/2 - 1 Mile North
31	ILSG40000345053	1/2 - 1 Mile SSE
32	ILSG40000358184	1/2 - 1 Mile NNW
33	ILSG40000344716	1/2 - 1 Mile SW
34	ILPW56058	1/2 - 1 Mile ENE
H35	ILSG40000352233	1/2 - 1 Mile NNE
H36	ILEPAC700004198	1/2 - 1 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
37	ILPW49939	1/2 - 1 Mile South
38	ILSG40000345055	1/2 - 1 Mile WSW
39	ILSG40000345059	1/2 - 1 Mile South
40	ILSG40000345036	1/2 - 1 Mile SSE
I41	ILSG40000356281	1/2 - 1 Mile WSW
J42	ILEPAC700002228	1/2 - 1 Mile WSW
43	ILSG40000345601	1/2 - 1 Mile ESE
I44	ILSG40000356283	1/2 - 1 Mile WSW
45	ILPW56063	1/2 - 1 Mile NE
K46	ILEPANC70000226	1/2 - 1 Mile ESE
I47	ILSG40000356282	1/2 - 1 Mile WSW
L48	ILSG40000344167	1/2 - 1 Mile ENE
49	ILSG40000345594	1/2 - 1 Mile East
I50	ILSG40000345574	1/2 - 1 Mile WSW
51	ILSG40000341160	1/2 - 1 Mile WNW
K52	ILSG40000345052	1/2 - 1 Mile ESE
L53	ILPW56059	1/2 - 1 Mile ENE
M54	ILSG40000335299	1/2 - 1 Mile SE
J55	ILSG40000356587	1/2 - 1 Mile WSW
J56	ILSG40000356589	1/2 - 1 Mile WSW
J57	ILSG40000356590	1/2 - 1 Mile WSW
J58	ILSG40000356591	1/2 - 1 Mile WSW
J59	ILSG40000356588	1/2 - 1 Mile WSW
N60	ILPW56043	1/2 - 1 Mile NW
J61	ILSG40000351281	1/2 - 1 Mile WSW
J62	ILSG40000350994	1/2 - 1 Mile WSW
O63	ILSG40000345035	1/2 - 1 Mile SSE
O64	ILSG40000345049	1/2 - 1 Mile SSE
O65	ILSG40000345043	1/2 - 1 Mile SSE
66	ILSG40000345054	1/2 - 1 Mile SSW
P67	ILSG40000345602	1/2 - 1 Mile ENE
P68	ILSG40000342173	1/2 - 1 Mile ENE
N69	ILSG40000341110	1/2 - 1 Mile NW
M70	ILSG40000345041	1/2 - 1 Mile SE
71	ILSG40000351282	1/2 - 1 Mile ENE
73	ILSG40000345038	1/2 - 1 Mile SE
R74	ILPW49923	1/2 - 1 Mile SSW
R75	ILPW49924	1/2 - 1 Mile SSW
R76	ILPW49925	1/2 - 1 Mile SSW
R77	ILPW49920	1/2 - 1 Mile SSW
R78	ILPW49921	1/2 - 1 Mile SSW
R79	ILPW49922	1/2 - 1 Mile SSW
R80	ILPW49929	1/2 - 1 Mile SSW
R81	ILPW49930	1/2 - 1 Mile SSW
R82	ILPW49938	1/2 - 1 Mile SSW
R83	ILPW49926	1/2 - 1 Mile SSW
R84	ILPW49927	1/2 - 1 Mile SSW
R85	ILPW49928	1/2 - 1 Mile SSW
R86	ILPW49935	1/2 - 1 Mile SSW
R87	ILPW49931	1/2 - 1 Mile SSW
R88	ILPW49934	1/2 - 1 Mile SSW
R89	ILPW49937	1/2 - 1 Mile SSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

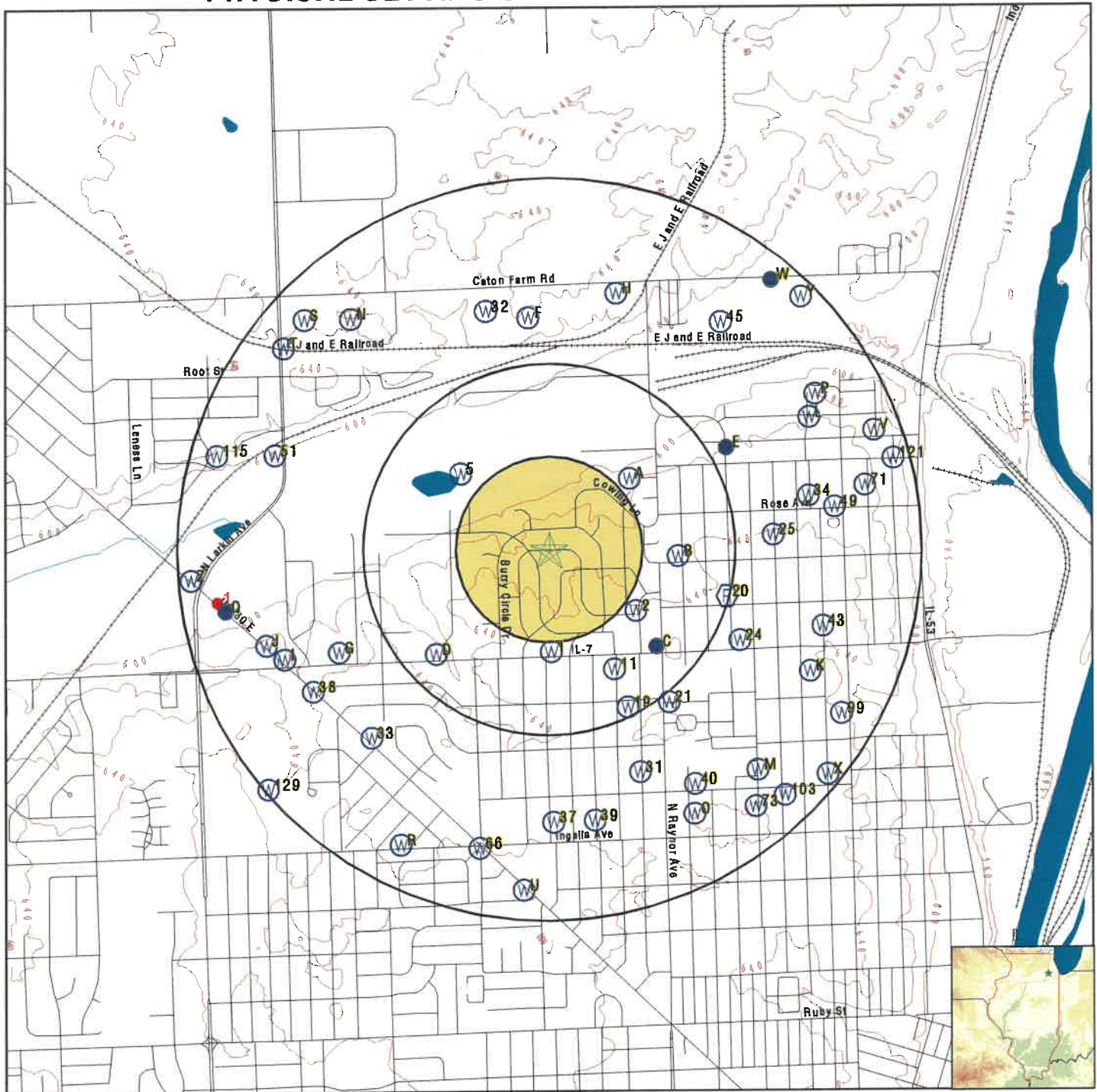
MAP ID	WELL ID	LOCATION FROM TP
R90	ILPW49936	1/2 - 1 Mile SSW
R91	ILPW49918	1/2 - 1 Mile SSW
R92	ILPW49919	1/2 - 1 Mile SSW
R93	ILPW49917	1/2 - 1 Mile SSW
R94	ILPW49932	1/2 - 1 Mile SSW
R95	ILPW49933	1/2 - 1 Mile SSW
S96	ILPW56044	1/2 - 1 Mile NW
T97	ILSG40000356279	1/2 - 1 Mile NW
T98	ILSG40000356280	1/2 - 1 Mile NW
99	ILSG40000344714	1/2 - 1 Mile ESE
Q100	ILSG40000353787	1/2 - 1 Mile West
U101	ILSG40000345056	1/2 - 1 Mile South
S102	ILSG40000333810	1/2 - 1 Mile NW
103	ILSG40000345045	1/2 - 1 Mile SE
U104	ILSG40000345061	1/2 - 1 Mile South
V105	ILPW56049	1/2 - 1 Mile ENE
V106	ILPW56051	1/2 - 1 Mile ENE
V107	ILPW56047	1/2 - 1 Mile ENE
V108	ILPW56045	1/2 - 1 Mile ENE
V109	ILPW56048	1/2 - 1 Mile ENE
V110	ILPW56052	1/2 - 1 Mile ENE
V111	ILPW56050	1/2 - 1 Mile ENE
V112	ILPW56046	1/2 - 1 Mile ENE
V113	ILPW56053	1/2 - 1 Mile ENE
V114	ILPW56054	1/2 - 1 Mile ENE
115	ILPW56032	1/2 - 1 Mile WNW
W116	ILPW56061	1/2 - 1 Mile NE
W117	ILPW56062	1/2 - 1 Mile NE
X118	ILSG40000345046	1/2 - 1 Mile SE
Y119	ILSG40000333685	1/2 - 1 Mile NE
121	ILSG40000345596	1/2 - 1 Mile ENE
Z122	ILSG40000356560	1/2 - 1 Mile West
Z123	ILSG40000356553	1/2 - 1 Mile West
Z124	ILSG40000356557	1/2 - 1 Mile West
Y125	ILSG40000344164	1/2 - 1 Mile NE
Z126	ILSG40000351070	1/2 - 1 Mile West
Z127	ILSG40000351073	1/2 - 1 Mile West
X128	ILSG40000345042	1/2 - 1 Mile SE
129	ILSG40000348742	1/2 - 1 Mile SW

OTHER STATE DATABASE INFORMATION

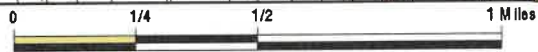
STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	ILOG30000196407	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 7847166.2s



- 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
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Inner Circle Crest Hill
 ADDRESS: 1804 Inner Circle Drive
 Crest Hill IL 60403
 LAT/LONG: 41.556324 / 88.1076

CLIENT: V3 Companies of IL, LTD
 CONTACT: Jonathan Shuptar
 INQUIRY #: 7847166.2s
 DATE: December 12, 2024 11:50 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
South
1/4 - 1/2 Mile
Higher

IL WELLS ILSG40000345060

WELLS SGS:

Database:	Water Well Records	API #:	121973369800
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19290101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	650	Elevation Reference:	Topographic map
Total Depth:	89	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973369800		

2
SE
1/4 - 1/2 Mile
Higher

FED USGS USGS40000298651

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	36N10E-32.1d1	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:	197910	Well Depth:	296
Well Depth Units:	ft	Well Hole Depth:	296
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1979-10
Feet below surface:	47	Feet to sea level:	Not Reported
Note:	Not Reported		

A3
NE
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000344163

WELLS SGS:

Database:	Water Well Records	API #:	121973248300
IL SWSP #:	409395	Status:	Water Well
Date Drilled:	19791002050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Hakala, Richard L.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	296	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	296
Pump Flow (gpm):	440		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973248300		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation	Database	EDR ID Number
A4 NE 1/4 - 1/2 Mile Lower	IL WELLS	ILEPAC700002229

WELLS EPA:

Well ID:	20451	Facility Name:	Not Reported
Facility #:	Not Reported	Well Status:	Not Reported
Well Type:	Not Reported	Primary Use Name:	Not Reported
Population Count:	Not Reported	Update Time Stamp:	Not Reported
IEPA Facility #:	1970250	Water Supply Name:	CREST HILL
Min Setback Zone (ft):	400	Well Depth:	296
Ambient Sampling Netwk Stat:	0	EPA Facility Status:	Active
SDWIS Well ID:	WL20451	SDWIS Facility #:	IL1970250
API #:	121973248300		

5 NW 1/4 - 1/2 Mile Lower	IL WELLS	ILPW56039
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Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56039	Driller:	LOCKPORT
Owner:	LM REALITY	Permit:	003627
Date drilled:	10/07/1967	Record type:	RG
Depth:	135	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

B6 East 1/4 - 1/2 Mile Higher	IL WELLS	ILSG40000345600
----------------------------------------	----------	-----------------

WELLS SGS:

Database:	Water Well Records	API #:	121973424000
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19420401050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Kramer, J. A.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	202	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	90		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973424000		

B7 East 1/4 - 1/2 Mile Higher	IL WELLS	ILSG40000333684
----------------------------------------	----------	-----------------

WELLS SGS:

Database:	Water Well Records	API #:	121970129400
IL SWSP #:	0	Status:	Water Well

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date Drilled:	19440101060000	Farm Name:	2
Well Name:	2	Driller:	Not Reported
Elevation:	635	Elevation Reference:	Topographic map
Total Depth:	1060	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970129400		

B8
East
1/4 - 1/2 Mile
Higher

IL WELLS ILPW56065

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56065	Driller:	FELTIS
Owner:	LIDICE REALESTETE DEVEL #2	Permit:	
Date drilled:	08/00/1944	Record type:	OGC
Depth:	1024	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

B9
East
1/4 - 1/2 Mile
Higher

IL WELLS ILSG40000345597

WELLS SGS:

Database:	Water Well Records	API #:	121973423700
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19410101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Kramer, J. A.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	190	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973423700		

B10
ESE
1/4 - 1/2 Mile
Higher

IL WELLS ILPW56064

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56064	Driller:	Not Reported
Owner:	LIDICE BLDG CORP #1	Permit:	
Date drilled:	00/00/1944	Record type:	C
Depth:	204	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

11
SSE
 1/4 - 1/2 Mile
 Higher

IL WELLS ILPW56040

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56040	Driller:	MILLER
Owner:	WARREN CONST	Permit:	
Date drilled:	09/00/1945	Record type:	RGC
Depth:	1652	Well Type:	~~
Well Use:	Commerical		
Aquifer type:	~~		

C12
SE
 1/4 - 1/2 Mile
 Higher

IL WELLS ILSG40000333683

WELLS SGS:

Database:	Water Well Records	API #:	121970129300
IL SWSP #:	409394	Status:	Water Well
Date Drilled:	19450901050000	Farm Name:	3
Well Name:	3	Driller:	Miller, J. P. Art Well Co
Elevation:	656	Elevation Reference:	Ground level
Total Depth:	1652	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970129300		

C13
SE
 1/4 - 1/2 Mile
 Higher

FED USGS USGS40000298646

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	36N10E-32.1a	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:	194509
Well Depth:	1652	Well Depth Units:	ft
Well Hole Depth:	1652	Well Hole Depth Units:	ft

Ground water levels, Number of Measurements:	1	Level reading date:	1945-10-20
Feet below surface:	440.00	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D14
SW
1/4 - 1/2 Mile
Lower

IL WELLS ILSG40000356278

WELLS SGS:

Database:	Water Well Records	API #:	121974489500
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19950823050000	Farm Name:	1
Well Name:	1	Driller:	IL Department of Transportation
Elevation:	628	Elevation Reference:	Ground level
Total Depth:	39	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974489500		

D15
SW
1/4 - 1/2 Mile
Higher

IL WELLS ILSG40000350995

WELLS SGS:

Database:	Water Well Records	API #:	121973961600
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	Not Reported	Farm Name:	B-1
Well Name:	B-1	Driller:	Layne-Western
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	16	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973961600		

D16
SW
1/4 - 1/2 Mile
Higher

IL WELLS ILSG40000350996

WELLS SGS:

Database:	Water Well Records	API #:	121973961700
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19680426050000	Farm Name:	B-2
Well Name:	B-2	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	16	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973961700		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D17
SW
1/4 - 1/2 Mile
Higher

IL WELLS ILSG40000350998

WELLS SGS:

Database:	Water Well Records	API #:	121973961900
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19680426050000	Farm Name:	B-4
Well Name:	B-4	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	16	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973961900		

D18
SW
1/4 - 1/2 Mile
Higher

IL WELLS ILSG40000350997

WELLS SGS:

Database:	Water Well Records	API #:	121973961800
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19680426050000	Farm Name:	B-3
Well Name:	B-3	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	16	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973961800		

19
SSE
1/4 - 1/2 Mile
Higher

IL WELLS ILSG40000345058

WELLS SGS:

Database:	Water Well Records	API #:	121973369600
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19340101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	655	Elevation Reference:	Not Reported
Total Depth:	436	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973369600		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

20
ESE
1/4 - 1/2 Mile
Higher

FRDS PWS IL0087056

Epa region:	05	State:	IL
Pwsid:	IL0087056	Pwsname:	RICHLAND SCHOOL DIST 88-A
Cityserved:	Not Reported	Stateserved:	IL
Zipserved:	Not Reported	Fipscounty:	17197
Status:	Closed	Retpopsrvd:	250
Pwssvconn:	0	Psource longname:	Groundwater
Pwstype:	TNCWS	Owner:	unknown
Contact:	RICHLAND SCHOOL DIST 88-A	Contactorgname:	Not Reported
Contactphone:	Not Reported	Contactaddress1:	Not Reported
Contactaddress2:	1919 CATON FARM RD	Contactcity:	CREST HILL
Contactstate:	IL	Contactzip:	60435
Pwsactivitycode:	I		
PWS ID:	IL0087056	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS ID:	IL0087056
Activity status:	Active	Date system activated:	7706
Date system deactivated:	Not Reported	Retail population:	00000250
System name:	RICHLAND SCHOOL DIST 88-A	System address:	Not Reported
System address:	1919 CATON FARM RD	System city:	CREST HILL
System state:	IL	System zip:	60435
Population served:	101 - 500 Persons	Treatment:	Untreated
Latitude:	413316	Longitude:	0880554

21
SE
1/2 - 1 Mile
Higher

IL WELLS ILPW49916

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	49916	Driller:	LOCKPORT
Owner:	MT MORLAND CEMETARY	Permit:	020810
Date drilled:	11/02/1972	Record type:	RG
Depth:	165	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

E22
ENE
1/2 - 1 Mile
Lower

FED USGS USGS40000298669

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	36N10E-33.7e1	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	Aquifer Type:	Unconfined single aquifer
Formation Type:	Silurian System		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date: 196308
 Well Depth Units: ft
 Well Hole Depth Units: ft

Well Depth: 303
 Well Hole Depth: 303

Ground water levels, Number of Measurements: 1
 Feet below surface: 40
 Note: Not Reported

Level reading date: 1963-08
 Feet to sea level: Not Reported

E23
ENE
 1/2 - 1 Mile
 Lower

IL WELLS ILEPAC700002227

WELLS EPA:

Well ID: 20447
 Facility #: Not Reported
 Well Type: Not Reported
 Population Count: Not Reported
 IEPA Facility #: 1970250
 Min Setback Zone (ft): 400
 Ambient Sampling Netwk Stat: 1
 SDWIS Well ID: WL20447
 API #: 121970130400

Facility Name: Not Reported
 Well Status: Not Reported
 Primary Use Name: Not Reported
 Update Time Stamp: Not Reported
 Water Supply Name: CREST HILL
 Well Depth: 303
 EPA Facility Status: Active
 SDWIS Facility #: IL1970250

24
ESE
 1/2 - 1 Mile
 Higher

IL WELLS ILEPANC70004069

WELLS EPA:

Well ID: 19706007
 Facility #: IL3150169
 Well Type: NonCommunity
 Population Count: 0
 IEPA Facility #: Not Reported
 Min Setback Zone (ft): Not Reported
 Ambient Sampling Netwk Stat: Not Reported
 SDWIS Well ID: Not Reported
 API #: Not Reported

Facility Name: MERICHKA'S
 Well Status: Active
 Primary Use Name: Not Reported
 Update Time Stamp: 18-JUL-16
 Water Supply Name: Not Reported
 Well Depth: Not Reported
 EPA Facility Status: Not Reported
 SDWIS Facility #: Not Reported

25
East
 1/2 - 1 Mile
 Higher

IL WELLS ILSG40000345598

WELLS SGS:

Database: Water Well Records
 IL SWSP #: 0
 Date Drilled: 19340101060000
 Well Name: Not Reported
 Elevation: 650
 Total Depth: 133
 Top of Formation (ft): 0
 Pump Flow (gpm): 18
 URL: <https://isgs-oas.isgs.illinois.edu/reports/rwervlet?watersummary&121973423800>

API #: 121973423800
 Status: Water Well
 Farm Name: Not Reported
 Driller: Breitzke, Wm.
 Elevation Reference: Topographic map
 Lithologic Formation: Not Reported
 Bottom of Formation (ft): 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

F26
North
1/2 - 1 Mile
Higher

IL WELLS ILPW56041

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56041	Driller:	LOCKPORT
Owner:	BELASICH R	Permit:	1099433
Date drilled:	05/03/1981	Record type:	RG
Depth:	165	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

F27
North
1/2 - 1 Mile
Higher

IL WELLS ILPW56042

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56042	Driller:	LOCKPORT
Owner:	ANTHONY J.CHRISTOFARO	Permit:	197-92-0167-N
Date drilled:	10/07/1992	Record type:	RG
Depth:	245	Well Type:	-
Well Use:	Domestic		
Aquifer type:	Bedrock		

G28
WSW
1/2 - 1 Mile
Higher

IL WELLS ILSG40000344162

WELLS SGS:

Database:	Water Well Records	API #:	121973248200
IL SWSP #:	158383	Status:	Water Well
Date Drilled:	19810503050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	165	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973248200		

G29
WSW
1/2 - 1 Mile
Higher

IL WELLS ILSG40000340949

WELLS SGS:

Database:	Water Well Records	API #:	121972868000
IL SWSP #:	158385	Status:	Water Well
Date Drilled:	19851127060000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total Depth:	145	Lithologic Formation:	limestone
Top of Formation (ft):	62	Bottom of Formation (ft):	145
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972868000		

F30
North
1/2 - 1 Mile
Higher

IL WELLS ILSG40000346427

WELLS SGS:

Database:	Water Well Records	API #:	121973506800
IL SWSP #:	238424	Status:	Water Well
Date Drilled:	19921007050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	245	Lithologic Formation:	limestone
Top of Formation (ft):	65	Bottom of Formation (ft):	245
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973506800		

31
SSE
1/2 - 1 Mile
Higher

IL WELLS ILSG40000345053

WELLS SGS:

Database:	Water Well Records	API #:	121973369100
IL SWSP #:	153789	Status:	Water Well
Date Drilled:	19410101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dittmeyer, Peter W.
Elevation:	655	Elevation Reference:	Not Reported
Total Depth:	100	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973369100		

32
NNW
1/2 - 1 Mile
Higher

IL WELLS ILSG40000358184

WELLS SGS:

Database:	Water Well Records	API #:	121974685000
IL SWSP #:	0	Status:	Water Well
Date Drilled:	Not Reported	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	0	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974685000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

33
SW
1/2 - 1 Mile
Higher **IL WELLS** **ILSG40000344716**

WELLS SGS:

Database:	Water Well Records	API #:	121973306700
IL SWSP #:	153808	Status:	Water Well
Date Drilled:	19430101060000	Farm Name:	27
Well Name:	27	Driller:	Dreher & Schorie
Elevation:	653	Elevation Reference:	Topographic map
Total Depth:	120	Lithologic Formation:	limestone
Top of Formation (ft):	0	Bottom of Formation (ft):	120
Pump Flow (gpm):	5		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973306700		

34
ENE
1/2 - 1 Mile
Higher **IL WELLS** **ILPW56058**

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56058	Driller:	KRAMER
Owner:	CHANEY SCHOOL	Permit:	
Date drilled:	00/00/1937	Record type:	CRGO
Depth:	952	Well Type:	~~
Well Use:	School		
Aquifer type:	~~		

H35
NNE
1/2 - 1 Mile
Higher **IL WELLS** **ILSG40000352233**

WELLS SGS:

Database:	Water Well Records	API #:	121974085200
IL SWSP #:	0	Status:	Water Well
Date Drilled:	Not Reported	Farm Name:	10
Well Name:	10	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	325	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	521		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974085200		

H36
NNE
1/2 - 1 Mile
Higher **IL WELLS** **ILEPAC700004198**

WELLS EPA:

Well ID:	01360	Facility Name:	Not Reported
Facility #:	Not Reported	Well Status:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Type:	Not Reported	Primary Use Name:	Not Reported
Population Count:	Not Reported	Update Time Stamp:	Not Reported
IEPA Facility #:	1970250	Water Supply Name:	CREST HILL
Min Setback Zone (ft):	200	Well Depth:	329
Ambient Sampling Netwk Stat:	0	EPA Facility Status:	Active
SDWIS Well ID:	WL01360	SDWIS Facility #:	IL1970250
API #:	121973248300		

37
South
1/2 - 1 Mile
Higher

IL WELLS ILPW49939

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	49939	Driller:	Not Reported
Owner:	GUARDIAN ANGEL HOME	Permit:	
Date drilled:	00/00/1946	Record type:	RGC
Depth:	167	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

38
WSW
1/2 - 1 Mile
Higher

IL WELLS ILSG40000345055

WELLS SGS:

Database:	Water Well Records	API #:	121973369300
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19400101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	106	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973369300		

39
South
1/2 - 1 Mile
Higher

IL WELLS ILSG40000345059

WELLS SGS:

Database:	Water Well Records	API #:	121973369700
IL SWSP #:	153790	Status:	Water Well
Date Drilled:	19410101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dittmeyer, Peter W.
Elevation:	653	Elevation Reference:	Not Reported
Total Depth:	150	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973369700		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

40
SSE
1/2 - 1 Mile
Higher

IL WELLS ILSG40000345036

WELLS SGS:

Database:	Water Well Records	API #:	121973367400
IL SWSP #:	153780	Status:	Water Well
Date Drilled:	19380101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dittmeyer, Peter W.
Elevation:	655	Elevation Reference:	Not Reported
Total Depth:	151	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973367400		

I41
WSW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000356281

WELLS SGS:

Database:	Water Well Records	API #:	121974489800
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19980915050000	Farm Name:	TB-1
Well Name:	TB-1	Driller:	IL Department of Transportation
Elevation:	626	Elevation Reference:	Ground level
Total Depth:	24	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974489800		

J42
WSW
1/2 - 1 Mile
Lower

IL WELLS ILEPAC700002228

WELLS EPA:

Well ID:	20450	Facility Name:	Not Reported
Facility #:	Not Reported	Well Status:	Not Reported
Well Type:	Not Reported	Primary Use Name:	Not Reported
Population Count:	Not Reported	Update Time Stamp:	Not Reported
IEPA Facility #:	1970250	Water Supply Name:	CREST HILL
Min Setback Zone (ft):	0	Well Depth:	350
Ambient Sampling Netwk Stat:	0	EPA Facility Status:	Active
SDWIS Well ID:	WL20450	SDWIS Facility #:	IL1970250
API #:	121973990200		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

43		
ESE	IL WELLS	ILSG40000345601
1/2 - 1 Mile		
Higher		

WELLS SGS:

Database:	Water Well Records	API #:	121973424100
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19420101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	90	Lithologic Formation:	limestone
Top of Formation (ft):	0	Bottom of Formation (ft):	90
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973424100		

I44		
WSW	IL WELLS	ILSG40000356283
1/2 - 1 Mile		
Lower		

WELLS SGS:

Database:	Water Well Records	API #:	121974490000
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19981028050000	Farm Name:	TB-3
Well Name:	TB-3	Driller:	IL Department of Transportation
Elevation:	626	Elevation Reference:	Ground level
Total Depth:	31	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974490000		

45		
NE	IL WELLS	ILPW56063
1/2 - 1 Mile		
Lower		

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56063	Driller:	DREHER
Owner:	RAGUSA D LOT 58	Permit:	106930
Date drilled:	05/14/1983	Record type:	RG
Depth:	122	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

K46		
ESE	IL WELLS	ILEPANC70000226
1/2 - 1 Mile		
Higher		

WELLS EPA:

Well ID:	19704436	Facility Name:	GREEN GOOCH
Facility #:	IL3130062	Well Status:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Type:	NonPublic	Primary Use Name:	Not Reported
Population Count:	0	Update Time Stamp:	Not Reported
IEPA Facility #:	Not Reported	Water Supply Name:	Not Reported
Min Setback Zone (ft):	Not Reported	Well Depth:	Not Reported
Ambient Sampling Netwk Stat:	Not Reported	EPA Facility Status:	Not Reported
SDWIS Well ID:	Not Reported	SDWIS Facility #:	Not Reported
API #:	Not Reported		

I47
WSW
 1/2 - 1 Mile
 Lower

IL WELLS ILSG40000356282

WELLS SGS:

Database:	Water Well Records	API #:	121974489900
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19980915050000	Farm Name:	TB-2
Well Name:	TB-2	Driller:	IL Department of Transportation
Elevation:	627	Elevation Reference:	Ground level
Total Depth:	31	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974489900		

L48
ENE
 1/2 - 1 Mile
 Lower

IL WELLS ILSG40000344167

WELLS SGS:

Database:	Water Well Records	API #:	121973248700
IL SWSP #:	158390	Status:	Water Well
Date Drilled:	19830514050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dreher, Theodore Albert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	122	Lithologic Formation:	limestone
Top of Formation (ft):	122	Bottom of Formation (ft):	0
Pump Flow (gpm):	50		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973248700		

49
East
 1/2 - 1 Mile
 Higher

IL WELLS ILSG40000345594

WELLS SGS:

Database:	Water Well Records	API #:	121973423400
IL SWSP #:	158072	Status:	Water Well
Date Drilled:	19370101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Kramer, J. A.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	952	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973423400		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I50
WSW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000345574

WELLS SGS:

Database:	Water Well Records	API #:	121973421400
IL SWSP #:	409390	Status:	Water Well
Date Drilled:	19470101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Ground level
Total Depth:	352	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973421400		

51
WNW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000341160

WELLS SGS:

Database:	Water Well Records	API #:	121972894000
IL SWSP #:	158378	Status:	Water Well
Date Drilled:	19860618050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Rob, Ronald Gene
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	120	Lithologic Formation:	limestone
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972894000		

K52
ESE
1/2 - 1 Mile
Higher

IL WELLS ILSG40000345052

WELLS SGS:

Database:	Water Well Records	API #:	121973369000
IL SWSP #:	160820	Status:	Water Well
Date Drilled:	19430101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dreher & Schorie
Elevation:	650	Elevation Reference:	Topographic map
Total Depth:	118	Lithologic Formation:	limestone
Top of Formation (ft):	118	Bottom of Formation (ft):	0
Pump Flow (gpm):	5		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973369000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

L53
ENE
1/2 - 1 Mile
Lower

IL WELLS ILPW56059

Database:	Illinois Private Well Database and PICS	2nd ID:	30326
Well ID:	56059	Driller:	FYKES
Owner:	RAILWAY & IND SERV #1	Permit:	000171
Date drilled:	02/18/1988	Record type:	RG
Depth:	205	Well Type:	--
Well Use:	Domestic		
Aquifer type:	Bedrock		

M54
SE
1/2 - 1 Mile
Higher

IL WELLS ILSG40000335299

WELLS SGS:

Database:	Water Well Records	API #:	121970295700
IL SWSP #:	153788	Status:	Water Well
Date Drilled:	19721102050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	165	Lithologic Formation:	limestone
Top of Formation (ft):	32	Bottom of Formation (ft):	165
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970295700		

J55
WSW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000356587

WELLS SGS:

Database:	Water Well Records	API #:	121974520400
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19681210060000	Farm Name:	1
Well Name:	1	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	7	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974520400		

J56
WSW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000356589

WELLS SGS:

Database:	Water Well Records	API #:	121974520600
IL SWSP #:	0	Status:	Engineering Test

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date Drilled:	19681210060000	Farm Name:	3
Well Name:	3	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	7	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974520600		

J57
WSW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000356590

WELLS SGS:

Database:	Water Well Records	API #:	121974520700
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19681210060000	Farm Name:	5
Well Name:	5	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	6	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974520700		

J58
WSW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000356591

WELLS SGS:

Database:	Water Well Records	API #:	121974520800
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19681210060000	Farm Name:	6
Well Name:	6	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	6	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974520800		

J59
WSW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000356588

WELLS SGS:

Database:	Water Well Records	API #:	121974520500
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19681210060000	Farm Name:	2
Well Name:	2	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	7	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974520500		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

N60
NW
1/2 - 1 Mile
Higher

IL WELLS ILPW56043

Database:	Illinois Private Well Database and PICS	2nd ID:	28874
Well ID:	56043	Driller:	LOCKPORT
Owner:	BELASICH R	Permit:	123978
Date drilled:	05/23/1984	Record type:	RG
Depth:	150	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

J61
WSW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000351281

WELLS SGS:

Database:	Water Well Records	API #:	121973990200
IL SWSP #:	0	Status:	Water Well
Date Drilled:	Not Reported	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	350	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973990200		

J62
WSW
1/2 - 1 Mile
Lower

IL WELLS ILSG40000350994

WELLS SGS:

Database:	Water Well Records	API #:	121973961500
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19681210060000	Farm Name:	B-4
Well Name:	B-4	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	11	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973961500		

O63
SSE
1/2 - 1 Mile
Higher

IL WELLS ILSG40000345035

WELLS SGS:

Database:	Water Well Records	API #:	121973367300
IL SWSP #:	0	Status:	Water Well

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date Drilled:	19420101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	100	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973367300		

O64
SSE
 1/2 - 1 Mile
 Higher

IL WELLS ILSG40000345049

WELLS SGS:

Database:	Water Well Records	API #:	121973368700
IL SWSP #:	153781	Status:	Water Well
Date Drilled:	19400101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dittmeyer, Peter W.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	128	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	5		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973368700		

O65
SSE
 1/2 - 1 Mile
 Higher

IL WELLS ILSG40000345043

WELLS SGS:

Database:	Water Well Records	API #:	121973368100
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19400101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	660	Elevation Reference:	Topographic map
Total Depth:	111	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973368100		

66
SSW
 1/2 - 1 Mile
 Higher

IL WELLS ILSG40000345054

WELLS SGS:

Database:	Water Well Records	API #:	121973369200
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19450101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	91	Lithologic Formation:	limestone
Top of Formation (ft):	46	Bottom of Formation (ft):	91
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973369200		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

P67
ENE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000345602

WELLS SGS:

Database:	Water Well Records	API #:	121973424200
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19400101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	90	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	4		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973424200		

P68
ENE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000342173

WELLS SGS:

Database:	Water Well Records	API #:	121973032600
IL SWSP #:	218087	Status:	Water Well
Date Drilled:	19880218060000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	205	Lithologic Formation:	limestone
Top of Formation (ft):	4	Bottom of Formation (ft):	205
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973032600		

N69
NW
1/2 - 1 Mile
Higher

IL WELLS ILSG40000341110

WELLS SGS:

Database:	Water Well Records	API #:	121972887400
IL SWSP #:	158384	Status:	Water Well
Date Drilled:	19860523050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	150	Lithologic Formation:	limestone
Top of Formation (ft):	120	Bottom of Formation (ft):	150
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972887400		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

M70
SE
1/2 - 1 Mile
Higher

IL WELLS ILSG40000345041

WELLS SGS:

Database:	Water Well Records	API #:	121973367900
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19410101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	655	Elevation Reference:	Topographic map
Total Depth:	103	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973367900		

71
ENE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000351282

WELLS SGS:

Database:	Water Well Records	API #:	121973990300
IL SWSP #:	0	Status:	Water Well
Date Drilled:	Not Reported	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	0	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973990300		

Q72
WSW
1/2 - 1 Mile
Lower

FED USGS USGS40000298649

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	36N10E-31.2b1	Type:	Well
Description:	Not Reported	HUC:	07090003
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 Dolomite	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

73		
SE		
1/2 - 1 Mile	IL WELLS	ILSG40000345038
Higher		

WELLS SGS:

Database:	Water Well Records	API #:	121973367600
IL SWSP #:	153783	Status:	Water Well
Date Drilled:	19420101060000	Farm Name:	1
Well Name:	1	Driller:	Dreher & Schorie
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	152	Lithologic Formation:	limestone
Top of Formation (ft):	152	Bottom of Formation (ft):	0
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973367600		

R74		
SSW		
1/2 - 1 Mile	IL WELLS	ILPW49923
Higher		

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	49923	Driller:	Not Reported
Owner:	WILLARD E MAGOSKY	Permit:	
Date drilled:	00/00/1926	Record type:	OG
Depth:	120	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

R75		
SSW		
1/2 - 1 Mile	IL WELLS	ILPW49924
Higher		

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	49924	Driller:	Not Reported
Owner:	GUARDIAN ANGEL FRM	Permit:	
Date drilled:	00/00/1935	Record type:	OG
Depth:	160	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

R76		
SSW		
1/2 - 1 Mile	IL WELLS	ILPW49925
Higher		

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	49925	Driller:	BIRKEY
Owner:	BARTELME C	Permit:	
Date drilled:	00/00/1882	Record type:	OG
Depth:	130	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
R77 SSW 1/2 - 1 Mile Higher		IL WELLS	ILPW49920
Database:	Illinois Private Well Database and PICS		
Well ID:	49920	2nd ID:	Not Reported
Owner:	STIENBACH M	Driller:	DITTMAYER
Date drilled:	00/00/1917	Permit:	
Depth:	110	Record type:	OG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		
<hr/>			
R78 SSW 1/2 - 1 Mile Higher		IL WELLS	ILPW49921
Database:	Illinois Private Well Database and PICS		
Well ID:	49921	2nd ID:	Not Reported
Owner:	BITTERMAN	Driller:	BIRKEY
Date drilled:	00/00/1915	Permit:	
Depth:	101	Record type:	OG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		
<hr/>			
R79 SSW 1/2 - 1 Mile Higher		IL WELLS	ILPW49922
Database:	Illinois Private Well Database and PICS		
Well ID:	49922	2nd ID:	Not Reported
Owner:	DAVIDSON S	Driller:	DITTMAYER
Date drilled:	07/00/1924	Permit:	
Depth:	102	Record type:	OG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		
<hr/>			
R80 SSW 1/2 - 1 Mile Higher		IL WELLS	ILPW49929
Database:	Illinois Private Well Database and PICS		
Well ID:	49929	2nd ID:	Not Reported
Owner:	NATIONAL CLEANERS	Driller:	DITTMAYER
Date drilled:	00/00/1924	Permit:	
Depth:	335	Record type:	OG
Well Use:	Commerical	Well Type:	~~
Aquifer type:	~~		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

R81
SSW
1/2 - 1 Mile
Higher

IL WELLS ILPW49930

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	49930	Driller:	DITTMAYER
Owner:	NAT CLEANERS	Permit:	
Date drilled:	00/00/1942	Record type:	OG
Depth:	150	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

R82
SSW
1/2 - 1 Mile
Higher

IL WELLS ILPW49938

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	49938	Driller:	Not Reported
Owner:	GUARDIAN ANGEL HOME	Permit:	Not Reported
Date drilled:	00/00/0000	Record type:	O
Depth:	Not Reported	Well Type:	-
Well Use:	Non-community		
Aquifer type:	-		

R83
SSW
1/2 - 1 Mile
Higher

IL WELLS ILPW49926

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	49926	Driller:	BERKEY
Owner:	TAFT SCHOOL WELL	Permit:	
Date drilled:	00/00/1930	Record type:	OG
Depth:	150	Well Type:	~~
Well Use:	School		
Aquifer type:	~~		

R84
SSW
1/2 - 1 Mile
Higher

IL WELLS ILPW49927

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	49927	Driller:	SHROBA
Owner:	A AND P STORES(SHAW)	Permit:	
Date drilled:	00/00/1939	Record type:	OG
Depth:	110	Well Type:	~~
Well Use:	Commerical		
Aquifer type:	~~		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
R85 SSW 1/2 - 1 Mile Higher		IL WELLS	ILPW49928
Database:	Illinois Private Well Database and PICS		
Well ID:	49928	2nd ID:	Not Reported
Owner:	FLINT ICE CREAM CO	Driller:	Not Reported
Date drilled:	00/00/1942	Permit:	
Depth:	220	Record type:	OG
Well Use:	Commerical	Well Type:	~~
Aquifer type:	~~		
<hr/>			
R86 SSW 1/2 - 1 Mile Higher		IL WELLS	ILPW49935
Database:	Illinois Private Well Database and PICS		
Well ID:	49935	2nd ID:	Not Reported
Owner:	RIMMKE A	Driller:	DITTMAYER
Date drilled:	00/00/1926	Permit:	
Depth:	104	Record type:	OG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		
<hr/>			
R87 SSW 1/2 - 1 Mile Higher		IL WELLS	ILPW49931
Database:	Illinois Private Well Database and PICS		
Well ID:	49931	2nd ID:	Not Reported
Owner:	SCHULTZ S	Driller:	BURKE
Date drilled:	00/00/1920	Permit:	
Depth:	104	Record type:	OG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		
<hr/>			
R88 SSW 1/2 - 1 Mile Higher		IL WELLS	ILPW49934
Database:	Illinois Private Well Database and PICS		
Well ID:	49934	2nd ID:	Not Reported
Owner:	WINKLER L	Driller:	DREHER
Date drilled:	01/00/1941	Permit:	
Depth:	172	Record type:	OG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

R89
SSW
1/2 - 1 Mile
Higher

IL WELLS ILPW49937

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	49937	Driller:	BRIETZKE
Owner:	CORHOZ C	Permit:	
Date drilled:	00/00/1945	Record type:	RG
Depth:	91	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

R90
SSW
1/2 - 1 Mile
Higher

IL WELLS ILPW49936

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	49936	Driller:	DREHER
Owner:	CLEMENTI J	Permit:	
Date drilled:	00/00/1943	Record type:	RG
Depth:	120	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

R91
SSW
1/2 - 1 Mile
Higher

IL WELLS ILPW49918

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	49918	Driller:	DITTMAYER
Owner:	STEMBACK R	Permit:	
Date drilled:	06/00/1941	Record type:	OG
Depth:	150	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

R92
SSW
1/2 - 1 Mile
Higher

IL WELLS ILPW49919

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	49919	Driller:	BIRKLEY
Owner:	GESEGOULAKIS G	Permit:	
Date drilled:	00/00/1918	Record type:	OG
Depth:	85	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
R93 SSW 1/2 - 1 Mile Higher		IL WELLS	ILPW49917
Database:	Illinois Private Well Database and PICS		
Well ID:	49917	2nd ID:	Not Reported
Owner:	BONAIRE SUB	Driller:	DITTMAYER
Date drilled:	09/00/1941	Permit:	
Depth:	100	Record type:	OG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		
<hr/>			
R94 SSW 1/2 - 1 Mile Higher		IL WELLS	ILPW49932
Database:	Illinois Private Well Database and PICS		
Well ID:	49932	2nd ID:	Not Reported
Owner:	RODGERS F	Driller:	BIRKEY
Date drilled:	00/00/1928	Permit:	
Depth:	96	Record type:	OG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		
<hr/>			
R95 SSW 1/2 - 1 Mile Higher		IL WELLS	ILPW49933
Database:	Illinois Private Well Database and PICS		
Well ID:	49933	2nd ID:	Not Reported
Owner:	RUNDQUIST	Driller:	BIRKEY
Date drilled:	00/00/1930	Permit:	
Depth:	105	Record type:	OG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		
<hr/>			
S96 NW 1/2 - 1 Mile Higher		IL WELLS	ILPW56044
Database:	Illinois Private Well Database and PICS		
Well ID:	56044	2nd ID:	28680
Owner:	BELASICH R	Driller:	LOCKPORT
Date drilled:	11/27/1985	Permit:	121680
Depth:	145	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

T97
NW
1/2 - 1 Mile
Higher

IL WELLS ILSG40000356279

WELLS SGS:

Database:	Water Well Records	API #:	121974489600
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19790925050000	Farm Name:	B1
Well Name:	B1	Driller:	Testing Engineers, Inc.
Elevation:	638	Elevation Reference:	Ground level
Total Depth:	52	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974489600		

T98
NW
1/2 - 1 Mile
Higher

IL WELLS ILSG40000356280

WELLS SGS:

Database:	Water Well Records	API #:	121974489700
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19790925050000	Farm Name:	B2
Well Name:	B2	Driller:	Testing Engineers, Inc.
Elevation:	640	Elevation Reference:	Ground level
Total Depth:	52	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974489700		

99
ESE
1/2 - 1 Mile
Higher

IL WELLS ILSG40000344714

WELLS SGS:

Database:	Water Well Records	API #:	121973306500
IL SWSP #:	160819	Status:	Water Well
Date Drilled:	19430101060000	Farm Name:	7
Well Name:	7	Driller:	Dreher & Schorie
Elevation:	645	Elevation Reference:	Topographic map
Total Depth:	100	Lithologic Formation:	limestone
Top of Formation (ft):	100	Bottom of Formation (ft):	0
Pump Flow (gpm):	5		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973306500		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

Q100
 West
 1/2 - 1 Mile
 Lower

IL WELLS ILSG40000353787

WELLS SGS:

Database:	Water Well Records	API #:	121974240800
IL SWSP #:	0	Status:	Stratigraphic Test
Date Drilled:	20080128060000	Farm Name:	MW1A
Well Name:	MW1A	Driller:	Steven Baumann
Elevation:	590	Elevation Reference:	Ground level
Total Depth:	14	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974240800		

U101
 South
 1/2 - 1 Mile
 Higher

IL WELLS ILSG40000345056

WELLS SGS:

Database:	Water Well Records	API #:	121973369400
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19310101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	670	Elevation Reference:	Topographic map
Total Depth:	154	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	15		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973369400		

S102
 NW
 1/2 - 1 Mile
 Higher

IL WELLS ILSG40000333810

WELLS SGS:

Database:	Water Well Records	API #:	121970146800
IL SWSP #:	158382	Status:	Water Well
Date Drilled:	19671007050000	Farm Name:	1
Well Name:	1	Driller:	Lockport Well & Pump, Inc.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	135	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	135
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970146800		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

103
SE
1/2 - 1 Mile
Higher

IL WELLS ILSG40000345045

WELLS SGS:

Database:	Water Well Records	API #:	121973368300
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19410101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	655	Elevation Reference:	Topographic map
Total Depth:	128	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973368300		

U104
South
1/2 - 1 Mile
Higher

IL WELLS ILSG40000345061

WELLS SGS:

Database:	Water Well Records	API #:	121973369900
IL SWSP #:	153806	Status:	Water Well
Date Drilled:	19410101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dreher & Schorie
Elevation:	670	Elevation Reference:	Not Reported
Total Depth:	172	Lithologic Formation:	limestone
Top of Formation (ft):	172	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973369900		

V105
ENE
1/2 - 1 Mile
Lower

IL WELLS ILPW56049

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56049	Driller:	FYKES
Owner:	LEN KUBINSKI/DIAMOND CONST	Permit:	Not Reported
Date drilled:	02/07/1990	Record type:	A
Depth:	140	Well Type:	--
Well Use:	Domestic		
Aquifer type:	--		

V106
ENE
1/2 - 1 Mile
Lower

IL WELLS ILPW56051

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56051	Driller:	DITTMYER
Owner:	Not Reported	Permit:	Not Reported
Date drilled:	00/00/0000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Depth:	105	Record type:	O
Well Use:	--	Well Type:	--
Aquifer type:	--		

V107 **IL WELLS** **ILPW56047**
ENE
1/2 - 1 Mile
Lower

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56047	Driller:	KRAMER
Owner:	WARREN CONST	Permit:	
Date drilled:	00/00/1942	Record type:	OG
Depth:	204	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

V108 **IL WELLS** **ILPW56045**
ENE
1/2 - 1 Mile
Lower

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56045	Driller:	Not Reported
Owner:	REFRACTORIES	Permit:	
Date drilled:	00/00/1916	Record type:	O
Depth:	161	Well Type:	~~
Well Use:	Commerical		
Aquifer type:	~~		

V109 **IL WELLS** **ILPW56048**
ENE
1/2 - 1 Mile
Lower

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56048	Driller:	FETIS
Owner:	WARREN CONST	Permit:	
Date drilled:	11/24/1943	Record type:	OG
Depth:	50	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

V110 **IL WELLS** **ILPW56052**
ENE
1/2 - 1 Mile
Lower

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56052	Driller:	DITTMYER
Owner:	2420 CENTER ST JOLIET	Permit:	Not Reported
Date drilled:	00/00/0000	Record type:	O
Depth:	111	Well Type:	--
Well Use:	--		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type: —

V111
ENE
1/2 - 1 Mile
Lower

IL WELLS ILPW56050

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56050	Driller:	DITTMYER
Owner:	2326 N BROADWAY JOLIET	Permit:	Not Reported
Date drilled:	00/00/0000	Record type:	O
Depth:	101	Well Type:	--
Well Use:	--		
Aquifer type:	--		

V112
ENE
1/2 - 1 Mile
Lower

IL WELLS ILPW56046

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56046	Driller:	SHROBA
Owner:	NAHAS	Permit:	
Date drilled:	04/05/1929	Record type:	OG
Depth:	212	Well Type:	~~
Well Use:	Domestic		
Aquifer type:	~~		

V113
ENE
1/2 - 1 Mile
Lower

IL WELLS ILPW56053

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56053	Driller:	DITTMYER
Owner:	2315 CENTER ST JOLIET	Permit:	Not Reported
Date drilled:	00/00/0000	Record type:	O
Depth:	90	Well Type:	--
Well Use:	--		
Aquifer type:	--		

V114
ENE
1/2 - 1 Mile
Lower

IL WELLS ILPW56054

Database:	Illinois Private Well Database and PICS	2nd ID:	Not Reported
Well ID:	56054	Driller:	DITTMYER
Owner:	2517 BROADWAY JOLIET	Permit:	Not Reported
Date drilled:	00/00/0000	Record type:	O
Depth:	109	Well Type:	--
Well Use:	--		
Aquifer type:	--		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
115 WNW 1/2 - 1 Mile Lower		IL WELLS	ILPW56032
Database:	Illinois Private Well Database and PICS		
Well ID:	56032	2nd ID:	28940
Owner:	FREEMAN S	Driller:	WILL DUPAGE CO
Date drilled:	06/18/1986	Permit:	124584
Depth:	120	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		
<hr/>			
W116 NE 1/2 - 1 Mile Lower		IL WELLS	ILPW56061
Database:	Illinois Private Well Database and PICS		
Well ID:	56061	2nd ID:	Not Reported
Owner:	PUBLIC SERV NORTH ILL	Driller:	MILLER
Date drilled:	00/00/1932	Permit:	
Depth:	1558	Record type:	RGIC
Well Use:	IN	Well Type:	~~
Aquifer type:	~~		
<hr/>			
W117 NE 1/2 - 1 Mile Lower		IL WELLS	ILPW56062
Database:	Illinois Private Well Database and PICS		
Well ID:	56062	2nd ID:	Not Reported
Owner:	COMMONWEALTH EDISON	Driller:	MILLER
Date drilled:	00/00/1932	Permit:	
Depth:	1558	Record type:	AC
Well Use:	IN	Well Type:	~~
Aquifer type:	~~		
<hr/>			
X118 SE 1/2 - 1 Mile Higher		IL WELLS	ILSG40000345046
WELLS SGS:			
Database:	Water Well Records	API #:	121973368400
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19370101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
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 (gpm):	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

URL: <https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973368400>

Y119
NE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000333685

WELLS SGS:

Database:	Water Well Records	API #:	121970129500
IL SWSP #:	158073	Status:	Water Well
Date Drilled:	19320101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Miller, J. P. Art Well Co
Elevation:	596	Elevation Reference:	Ground level
Total Depth:	1558	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970129500		

W120
NE
1/2 - 1 Mile
Lower

FED USGS USGS40000298678

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	36N10E-33.6h	Type:	Well
Description:	Not Reported	HUC:	07120004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1932
Well Depth:	1558	Well Depth Units:	ft
Well Hole Depth:	1558	Well Hole Depth Units:	ft

121
ENE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000345596

WELLS SGS:

Database:	Water Well Records	API #:	121973423600
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19440101060000	Farm Name:	21
Well Name:	21	Driller:	Dreher & Schorie
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	183	Lithologic Formation:	limestone
Top of Formation (ft):	183	Bottom of Formation (ft):	0
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973423600		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

Z122
 West
 1/2 - 1 Mile
 Lower

IL WELLS ILSG40000356560

WELLS SGS:

Database:	Water Well Records	API #:	121974517700
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19700516050000	Farm Name:	5
Well Name:	5	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	10	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974517700		

Z123
 West
 1/2 - 1 Mile
 Lower

IL WELLS ILSG40000356553

WELLS SGS:

Database:	Water Well Records	API #:	121974517000
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19700516050000	Farm Name:	1
Well Name:	1	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	16	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974517000		

Z124
 West
 1/2 - 1 Mile
 Lower

IL WELLS ILSG40000356557

WELLS SGS:

Database:	Water Well Records	API #:	121974517400
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19700516050000	Farm Name:	4
Well Name:	4	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	15	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974517400		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

Y125
NE
1/2 - 1 Mile
Lower

IL WELLS ILSG40000344164

WELLS SGS:

Database:	Water Well Records	API #:	121973248400
IL SWSP #:	158389	Status:	Water Well
Date Drilled:	19831005050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Rob, Ronald Gene
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	205	Lithologic Formation:	limestone
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973248400		

Z126
West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000351070

WELLS SGS:

Database:	Water Well Records	API #:	121973969200
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19700516050000	Farm Name:	B-3
Well Name:	B-3	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	19	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973969200		

Z127
West
1/2 - 1 Mile
Lower

IL WELLS ILSG40000351073

WELLS SGS:

Database:	Water Well Records	API #:	121973969500
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19700516050000	Farm Name:	B-2
Well Name:	B-2	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	18	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973969500		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

X128
SE
1/2 - 1 Mile
Higher

IL WELLS ILSG40000345042

WELLS SGS:

Database:	Water Well Records	API #:	121973368000
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19410101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	650	Elevation Reference:	Topographic map
Total Depth:	105	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973368000		

129
SW
1/2 - 1 Mile
Higher

IL WELLS ILSG40000348742

WELLS SGS:

Database:	Water Well Records	API #:	121973736900
IL SWSP #:	405417	Status:	Water Well
Date Drilled:	19960801050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Stinnett, David
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	300	Lithologic Formation:	limestone
Top of Formation (ft):	250	Bottom of Formation (ft):	300
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973736900		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1

West
1/2 - 1 Mile

OIL_GAS ILOG30000196407

API #:	121974240800	Permit ID:	Not Reported
Permit Date:	Not Reported	Well Status:	Stratigraphic Test
Max Depth:	14	Date Completed:	20080128060000
Formation:	Not Reported	Company Name:	Steven Baumann
Well Name:	Crest Hill, City of	Well #:	MW1A
Elevation:	590	Elevation Reference:	Not Reported
Logs:	Not Reported	ILStrat URL:	Not Reported
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?oilsummary&121974240800		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: IL Radon

Radon Test Results

Zipcode	Result
60403	1
60403	2.2
60403	2.1

Federal EPA Radon Zone for WILL 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.

Federal Area Radon Information for WILL COUNTY, IL

Number of sites tested: 14

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.567 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.514 pCi/L	57%	43%	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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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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COUNTY SHEET NO. 9
 TOWNSHIP SHEET NO. 1
 PROJECT NO. 280145

PROPOSED WATERMAIN PLANS

INNER CIRCLE DRIVE FROM MARLBORO LANE HOSMER LANE CITY OF CREST HILL WILL COUNTY, ILLINOIS

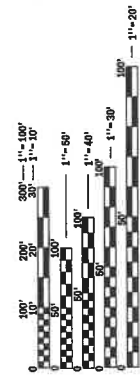


INDEX OF SHEETS:

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3-6 SUMMARY OF QUANTITIES
- 7-8 TYPICAL SECTIONS
- 9-10 EXISTING CONDITIONS PLAN
- 11-12 REMOVAL PLAN
- 13-15 UTILITY CROSSING CONFLICT CHART
- 16-18 RESTORATION PLAN
- 19-21 EROSION CONTROL AND PAVEMENT MARKING PLAN
- 22-23 DETAILS
- 24-43

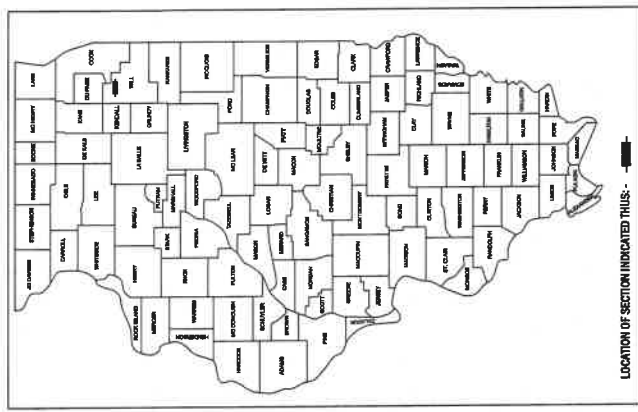
**FOR LIST OF HIGHWAY STANDARDS,
 SEE SHEET NO. 2**

CITY OF CREST HILL CONTACTS:
 CITY ENGINEER: RONALD J. WIEDEMAN, P.E.
 (815) 741-5122

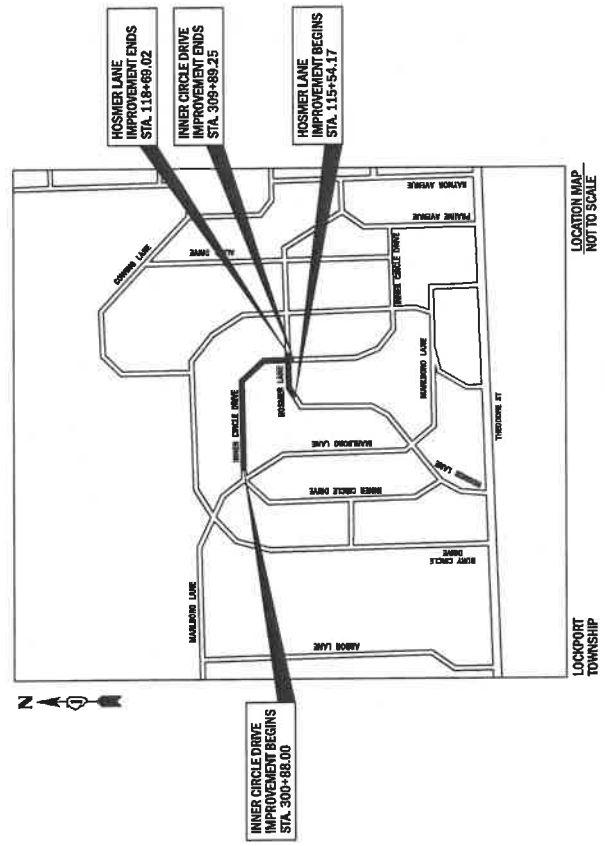


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JULIE
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-982-0123
 OR 811



LOCATION OF SECTION INDICATED THIS.



LOCKPORT TOWNSHIP
 LOCATION MAP
 NOT TO SCALE

GROSS LENGTH = 1,216.10 FT. = 0.23 MILE
 INNER CIRCLE DRIVE LENGTH = 901.25 FT. = 0.17 MILE
 HOSMER LANE LENGTH = 314.85 FT. = 0.06 MILE

V3
 JASON D. HOLY
 # 062489841
 DATE: 03-11-2028
 EXPIRATION DATE: 11-30-2027

GENERAL NOTES

- ALL EXISTING TOPOGRAPHY, UNDERGROUND UTILITIES, STRUCTURES AND ASSOCIATED FACILITIES SHOWN ON THESE DRAWINGS HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND FIELD MEASUREMENTS. THE CONTRACTOR SHALL VERIFY THE ACCURACY OF ALL DATA AND APPROXIMATE ONLY. THERE MAY BE OTHER FACILITIES, THE EXISTENCE OF WHICH ARE NOT PRESENTLY KNOWN. THE EXACT LOCATIONS AND ELEVATIONS ARE TO BE VERIFIED BY THE CONTRACTOR.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AND OF CREST HILL FOR FIELD LOCATIONS OF BURIED UTILITIES 48 HOURS IN ADVANCE OF WORK.
- ELECTRIC**
 COMCAST CABLE COMMUNICATIONS
 RICK OSTER
 1000 COMMERCE DRIVE
 OAK BROOK, IL 60023
 (708) 224-5625
- TELEPHONE**
 WATERS AND SENES
 CITY OF CREST HILL
 JULIUS HANSEN
 2090 OAKLAND AVENUE
 CREST HILL, IL 60403
 (615) 41-5106

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD CHECK ALL DIMENSIONS AND ELEVATIONS OF EXISTING UTILITY LINES AND STRUCTURES THAT MAY BE IMPACTED BY THE PROPOSED WORK PRIOR TO ORDERING MATERIAL OR BEGINNING CONSTRUCTION. ANY DISCREPANCIES FROM THE PLANS SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED BY THE UTILITY COMPANY AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONARY AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN AND PROTECT EXISTING UTILITIES, SEWERS, MAINS AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR SHALL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES, SEWERS AND MAINS WHICH WILL REMAIN IN SERVICE. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND UTILITY COMPANIES IF IT IS DETERMINED THAT CONSTRUCTION OF THE PROPOSED WORK WILL REQUIRE THE REMOVAL OF EXISTING AND/OR TEMPORARY BRACKING OR SUPPORT OF UTILITIES 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.
- THE CONTRACTOR WILL NOT BE PERMITTED TO SET UP A WARD OR FIELD OFFICE ON STATE OR CITY PROPERTY WITHOUT PRIOR WRITTEN PERMISSION OF THE CITY.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE DISTURBED. THE CONTRACTOR SHALL CAREFULLY IDENTIFY AND MONUMENT ALL SUCH MONUMENTS. THE CONTRACTOR SHALL HIRE A LICENSED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED EACH LOCATION.
- ALL APPLICABLE PROVISIONS OF THE CURRENT OCCUPATIONAL SAFETY AND HEALTH ACT ARE HEREBY INCORPORATED BY REFERENCE.
- EXCEPT WHERE MODIFIED BY THE CONTRACT DOCUMENTS, ALL WORK PROPOSED HEREOF SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS WHICH ARE HEREBY MADE A PART HEREOF:

- STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ILLINOIS, AS PREPARED BY IDOT, LATEST EDITION.
- "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", AS PREPARED BY IDOT, LATEST EDITION.
- THE LATEST EDITIONS OF THE MUNICIPAL CODE AND STANDARDS OF THE VILLAGE/CITY OF CREST HILL.
- THE ILLINOIS ACCESSIBILITY CODE.
- "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS," LATEST EDITION.
- "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS AS PUBLISHED BY THE IEPA, LATEST EDITION.
- ILLINOIS RECOMMENDED STANDARDS FOR SEWAGE WORKS," AS PUBLISHED BY THE IEPA, LATEST EDITION.
- "MANUAL OF TEST PROCEDURES FOR MATERIALS," LATEST EDITION
- "ILLINOIS URBAN MANUAL," LATEST EDITION

GENERAL NOTES (CONTD.)

- ALL AREAS OF PLANNED SUBGRADE TREATMENT SHALL BE VERIFIED IN THE FIELD AT THE TIME OF CONSTRUCTION BY A QUALIFIED SOILS INSPECTOR HIRED BY THE CITY. ALL POTENTIALLY UNSTABLE AREAS SHALL BE PROTECTED AND ALL DRIVEWAYS SHALL BE OPEN. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AND SIDEWALKS AS REQUIRED IN ACCORDANCE WITH ARTICLE 161.1 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL (SSM). ANY AGGREGATE SUBGRADE IMPROVEMENTS (CY) AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION QUANTITIES NOT USED DURING CONSTRUCTION SHOULD BE DELETED FROM THE CONTRACT.
- THE ENGINEER AND CITY OF CREST HILL ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR HAVING A SET OF "APPROVED" ENGINEERING PLANS WITH THE LATEST REVISION DATE ON THE JOB SITE PRIOR TO THE START OF CONSTRUCTION AND AT ALL TIMES DURING CONSTRUCTION.
- AREAS OUTSIDE THE R.O.W. LINE OR CONSTRUCTION LIMIT LINE IMPACTED BY OPERATIONS OF THE CONTRACTOR SHALL BE RETURNED TO THE STATE IT WAS FOUND PRIOR TO NEW CONSTRUCTION, EXCEPT WHERE NEW WORK IS SHOWN.
- CONTRACTORS SHALL MAINTAIN ACCESS TO ALL PROPERTIES AND SIDE ROADS AT ALL TIMES DURING CONSTRUCTION OPERATIONS, UNLESS OTHERWISE NOTED ON PLANS.

REMOVALS AND PAVING NOTES

- ALL EXISTING PAVEMENT OR CONCRETE CURBS AND GUTTER TO BE REMOVED SHALL BE SAWCUT ALONG LIMITS OF PROPOSED REMOVAL BEFORE COMMENCEMENT OF PAVEMENT REMOVAL. THE COST OF SAW CUT SHALL BE INCLUDED IN THE COST OF ITEM BEING REMOVED.
- REMOVED PAVEMENT, SIDEWALK, CURBS AND GUTTERS, ETC. SHALL BE DISPOSED OF BY THE CONTRACTOR AT THEIR OWN EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AN OFF-SITE DUMP SITE AT THEIR OWN EXPENSE.
- NO HOLES ARE TO BE LEFT OPEN IN THE PAVEMENT OR PARKWAY OVER A HOLIDAY, WEEKEND OR AFTER 3:00 P.M. ON THE DAY PRECEDING A HOLIDAY OR WEEKEND.
- PROPOSED ELEVATIONS INDICATE FINISHED CONDITIONS. FOR SLOUGH GRADING ELEVATIONS ALLOW FOR THICKNESS OF PROPOSED PAVING (ROADS, WALLS, DRIVEWAYS, ETC.) OR TOPSOIL AS INDICATED ON DRAWINGS.
- FOR ANY UNKNOWN UTILITY DEPTHS NOT LISTED ON THESE PLANS, THE CONTRACTOR MAY ASK THE ENGINEER TO USE AN EXPLORATORY TRENCH TO LOCATE SAID UTILITY.

- IF THE INSTALLATION OF THE UNDERGROUND UTILITIES DOES NOT ALLOW THE CONTRACTOR ENOUGH TIME AT THE END OF THE YEAR TO COMPLETELY REMOVE AND REPLACE THE HMA PAVEMENT OR DRIVEWAYS, THE CONTRACTOR IS TO INSTALL TEMPORARY PAVEMENT IN ALL TRENCHES SO THAT THERE ARE NO OPEN STITCHES ON THE STREET OR DRIVEWAYS FOR UNDISCLOSED AREAS. IF THE CONTRACTOR IS NOT SURE OF THE UTILITY INFORMATION, THE CONTRACTOR IS TO PLACE TEMPORARY SEEDING AND BLANKET FOR THE WINTER.

MAINTENANCE OF TRAFFIC NOTES

- TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE MAINTENANCE OF TRAFFIC CONTROL AND PROTECTION SECTION 701 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE TRAFFIC CONTROL DEVICES AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC DURING ALL PHASES OF CONSTRUCTION, BARRICADES AND WARNING SIGNS SHALL BE PROVIDED IN ACCORDANCE WITH ARTICLE 107.14 OF THE IDOT STANDARD SPECIFICATIONS. ALL TRAFFIC CONTROL WORK SHALL BE DONE IN ACCORDANCE WITH IDOT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES." ALL SIGNS SHALL BE IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS, LATEST EDITION, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
- THE COST OF SUPPLYING, ERECTING, AND MAINTAINING TRAFFIC CONTROL DEVICES, LIGHTS, AND SIGNS SHALL BE INCLUDED IN THE CONTRACT PRICE FOR TRAFFIC CONTROL AND PROTECTION, SPECIAL, UNLESS OTHERWISE ALLOWED BY THE ENGINEER.
- THE CONTRACTOR SHALL PERFORM ALL WORK BETWEEN THE WEEKDAYS OF 7:00AM AND 5:00PM, UNLESS OTHERWISE SPECIFIED BY THE ENGINEER.
- ALL TRAFFIC CONTROL DEVICES SHALL BE MAINTAINED THROUGHOUT THE COMPLETION OF THE CONTRACT.
- SIGNAGE SHOWN ON THE NOT PLANS THAT ARE IN CONFLICT WITH EXISTING SIGNAGE WILL BE REQUIRED TO BE RELOCATED. ALL SIGNAGE SHALL BE KEPT IN THE CONDITION IT WAS REMOVED IN, OR SHALL BE REPLACED IN KIND AT THE EXPENSE OF THE CONTRACTOR. SIGNS ARE TO BE REINSTALLED ONCE THE PROJECT IS COMPLETE AND IS INCLUDED IN THE CONTRACT PRICE FOR TRAFFIC CONTROL AND PROTECTION SPECIAL.
- WORK ZONE SIGNING AND STRIPING SHALL BE DONE IN ACCORDANCE WITH IDOT STANDARD 701.91, 701.91.1, 701.91.2, IDOT DISTRICT 1 STANDARD 10-10, AND AS SHOWN IN THE PLANS.

MAINTENANCE OF TRAFFIC NOTES (CONTD.)

- THE AREA THE CONTRACTOR SHALL BE INSTALLING THE WATERMAIN SHALL USE HIGHWAY STANDARD 701.91 WITH FLAGGERS. THE ROAD SHALL BE OPEN TO ONE-WAY TRAFFIC AT THE END OF THE DAY. THE HOLE SHALL BE FILLED OR PROTECTED AND ALL DRIVEWAYS SHALL BE OPEN.
- THE CONTRACTOR IS TO INSTALL A CHANGEABLE MESSAGE BOARD TWO WEEKS IN ADVANCE OF ANY CONSTRUCTION. ANY MESSAGE BOARD TO BE APPROVED BY THE CITY OF CREST HILL OR FIELD ENGINEER. THE CHANGEABLE MESSAGE BOARD WILL REMAIN ON SITE AND BE ROUTINELY UPDATED UNTIL PROJECT COMPLETION.
- PROPOSED DRIVEWAY AND PAVEMENT REPAIR MAY BE SHOWN OUTSIDE THE RIGHT-OF-WAY. ONCE THE CONTRACT HAS BEEN AWARDED AND WORK HAS STARTED, THE P.E. AND CITY WILL WORK WITH THE VARIOUS RESIDENTS OR BUSINESSES TO GAIN ACCESS TO PROPERTY TO PERFORM WORK SHOWN ON THE PLANS.

DRAINAGE NOTES

- DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN ALL SURFACE DRAINAGE WITHIN THE PROJECT LIMITS. ALL STORM FLOW MUST BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE DIRECTED BY ENGINEER.
- WHENEVER LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, OR CHANNELS, THE CONTRACTOR SHALL REMOVE IT AT THE CLOSE OF EACH WORKING DAY. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- ANY EXISTING DRAINAGE FACILITIES DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT THEIR EXPENSE. THIS WORK SHALL BE PERFORMED TO THE SATISFACTION OF THE ENGINEER.
- OFFSETS AND TOP OF FRAME OR LID ELEVATIONS FOR STRUCTURES LOCATED IN THE GUTTER ARE GIVEN AT THE EDGE OF PAVEMENT.
- TOP OF FRAME FINISH ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF EACH STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATIONS OF THE AREAS IN WHICH THEY ARE LOCATED, AS PART OF THE STRUCTURE COST.
- UNLESS OTHERWISE INDICATED ON THE PLANS, STORM SEWER PIPE SHALL BE REINFORCED CONCRETE PIPE IN CONFORMANCE WITH IDOT STANDARD SPECIFICATIONS DETERMINATION FOR PIPE CLASS, AND CONFORMING TO ASTM C76. ALL STORM SEWER SHALL HAVE GASKETED JOINTS CONFORMING TO ASTM C-381.
- THE COST OF MAKING EXISTING STORM SEWER CONNECTIONS TO PROPOSED DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE DRAINAGE STRUCTURE BEING INSTALLED.
- PROVIDE TRENCH BACKFILL IN ACCORDANCE WITH IDOT SPECIFICATIONS.
- THE CONTRACTOR SHALL FURNISH ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY FOR DEMATERING OPERATIONS. THE COST OF COMPLIANCE WITH THE ABOVE, SHALL BE INCLUDED IN THE COST OF THE UTILITY BEING INSTALLED.

MISCELLANEOUS STANDARDS

WATERMAIN CASING SPACERS
 CURBS W/TYPE 1 FRAME AND GRATE LID
 SANITARY SEWER EXTERNAL CHIMNEY
 UNDERDRAIN CONNECTION TO STRUCTURE AT LOW POINTS FOR ALL COLLECTOR AND RESIDENTIAL STREETS

CITY STANDARDS

- PVT-2 CONCRETE CURBS AND GUTTER DETAILS
- PVT-3 DRIVEWAY DETAILS
- PVT-4 PERPENDICULAR CURBS RAMPS FOR SIDEWALKS
- PVT-5 DEPRESSED CORNER FOR SIDEWALKS
- PVT-10 FRAME ADJUSTMENT WHEN MILLING
- ERD-1 EROSION CONTROL GENERAL NOTES
- ERD-2 INLET PROTECTION
- STM-1 STORM MANHOLE, TYPE A
- STM-2 CASTING INSTALLATION AND ADJUSTING
- STM-3 TYPE 1 FRAME AND LID
- WTR-1 TYPICAL FIRE HYDRANT, SERVICE AND METER
- WTR-2 WATER MAIN LOWERING
- WTR-3

IDOT HIGHWAY STANDARDS

- 442501-03 CLASS 6 CLASS 6 PAVEMENTS
- 701.91.1-03 URBAN LANE CLOSURE 24, 2M, UNDIVIDED
- 701.91.1-09 TRAFFIC CONTROL DEVICES

IDOT DISTRICT ONE STANDARDS

- BD-32 BUTT JOINTS AND HMA TAPER
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR BIKE ROADS, INTERSECTIONS AND DRIVEWAYS

	USER NAME = cmw0000 PLOT SCALE = AS SHOWN PLOT DATE = 3/10/2008 PLOT TIME = 3:10:08 PM	DESIGNED - DRAWN - CHECKED - DATE -	REVISION - REVISION - REVISION - REVISION -	SHEET NO. 1 SHEETS 87A	COUNTY WILL DISTRICT 06 PROJECT NO. 240145
	VILLAGE/CITY OF CREST HILL		SCALE NONE		TO STA.

INNER CIRCLE DRIVE & HOSMER LANE

GENERAL NOTES

ILLINOIS
 SHEET 1 OF 1

SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	154
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	462
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100
	28000510	INLET FILTERS	EACH	14
	28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	554
*	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	154
	40800275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	7,228
	41600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	723
	40800982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	66
	40800980	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	540
	40804080	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	360
*	42400800	DETECTABLE WARNINGS	SQ FT	80
*	44000100	PAVEMENT REMOVAL	SQ YD	132
	44000189	HOT-MIX ASPHALT SURFACE REMOVAL, 5"	SQ YD	3,025
*	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1, 12"	FOOT	450
*	55100500	STORM SEWER REMOVAL 12"	FOOT	367
*	56103000	DUCTILE IRON WATER MAIN, 6"	FOOT	95
*	56103100	DUCTILE IRON WATER MAIN, 8"	FOOT	1,007
*	56105000	WATER VALVES 8"	EACH	4
*	55400500	FIRE HYDRANT TO BE REMOVED	EACH	3

13

V.I. Chesapeake
 10000 Lakeside Blvd
 410 744 5500 phone
 410 744 5501 fax

DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
 DESIGNED BY: _____

PROJECT NO. 240145

**WATER MAIN REPLACEMENT
 INNER CIRCLE DRIVE & HOSMER LANE**

SCALE: NONE

SHEET 1 OF 3 SHEETS

TO STA. _____

COUNTY: _____
 WILL: _____

TOTAL SHEETS: 3
 SHEET NO.: 08

SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*	56400620	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	4
*	56500600	DOMESTIC WATER SERVICE BOX	EACH	22
*	60200105	CATCH BASINS, TYPE A, 4-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	4
*	60200605	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	1
	60218400	MANHOLES, TYPE A, 4-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
*	60246800	VALVE VAULTS, TYPE A, 5-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4
	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	811
	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	233
	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	28
	78011030	GROOVING FOR RECESSED PAVEMENT MARKING, 7"	FOOT	233
	78011235	GROOVING FOR RECESSED PAVEMENT MARKING, 25"	FOOT	28
*	X0324878	SANITARY SEWER SERVICE ADJUSTMENT	FOOT	100
*	X1200160	CONNECTION TO EXISTING DRAINAGE STRUCTURE	EACH	1
*	X2080260	TRENCH BACKFILL, SPECIAL	CU YD	1,168
*	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	500
*	X3580300	AGGREGATE BASE REPAIR (SPECIAL)	TON	100
*	X5610668	WATER MAIN TO BE ABANDONED, 8"	FOOT	680
*	X6810708	WATER MAIN REMOVAL, 6"	FOOT	33
*	X5610804	NON-PRESSURE CONNECTION TO EXISTING WATER MAIN	EACH	4
*	X6020060	SANITARY MANHOLES TO BE ADJUSTED	EACH	4


 J3 Construction, Inc.
 830 724 8888 P.O. Box
 4047444444

USER NAME: *****
 PLOT SCALE: *****
 PLOT DATE: *****

DESIGNED: -
 DRAWN: -
 CHECKED: -
 DATE: -

REVISED: -
 REVISED: -
 REVISED: -
 REVISED: -

CREDIT FILL

WATER MAIN REPLACEMENT
 INNER CIRCLE DRIVE & HOSMER LANE

SCALE: NONE
 SHEET 3 OF 3 SHEETS STA TO STA

SUMMARY OF QUANTITIES
 PROJECT NO. 240145

SPECIAL PROVISION	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
	X8026832	VALVE BOXES TO BE REMOVED	EACH	2
	X7010216	TRAFFIC CONTROL & PROTECTION (SPECIAL)	L.SUM	1
	Z0013798	CONSTRUCTION LAYOUT	L.SUM	1
		3" HMA DRIVEWAY REMOVAL AND REPLACEMENT	SQ. FT.	118
		CASH ALLOWANCE	UNITS	25,000
		CITY CONSTRUCTION SIGN	SQ. FT.	24
		COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL)	FOOT	1,275
		INSERTION VALVES, 8"	EACH	1
		PARKWAY RESTORATION - SODDING	SQ. YD.	654
		PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT	SQ. YD.	214
		PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL)	SQ. FT.	3,148
		SHAPING AND GRADING ROADWAY	SQ. YD.	3,061
		STRUCTURES TO BE REMOVED	EACH	1
		SUMP LINE	FOOT	100
		TEMPORARY ACCESS	EACH	21
		TEMPORARY PAVEMENT, 2"	SQ. YD.	1,143
		WATER MAIN CASING SLEEVE	FOOT	20
		WATER SERVICE LINE, 1" (LONG)	EACH	11
		WATER SERVICE LINE, 1" (SHORT)	EACH	11



V&C Engineering & Construction, Inc.
 1100 N. State Street, Suite 200
 Naperville, IL 60563
 www.vandc.com

PROJECT NO. 240145

COUNTY: YELL

TOTAL SHEETS: 9

SHEET NO. 3

SCALE: NONE

DATE: 1/15/2024

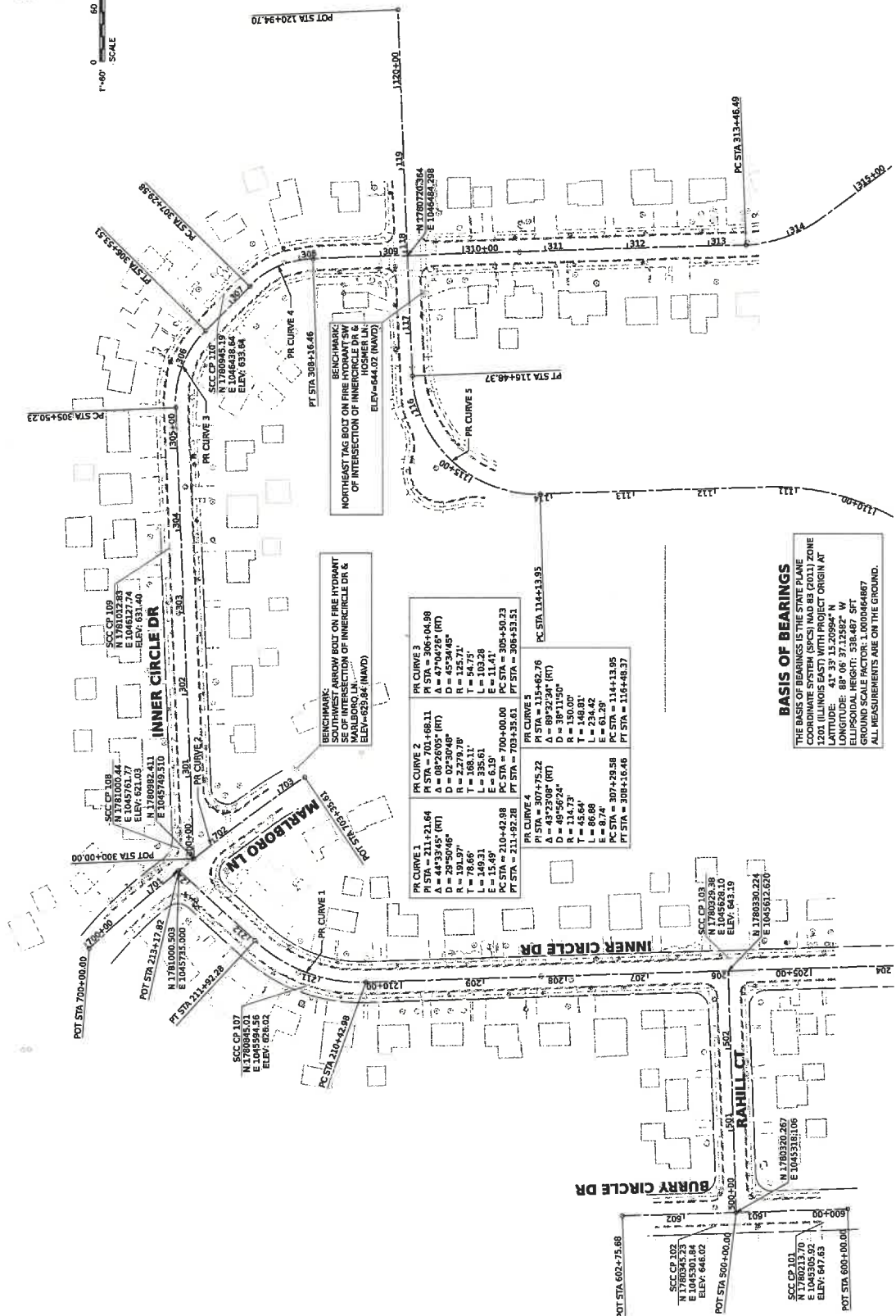
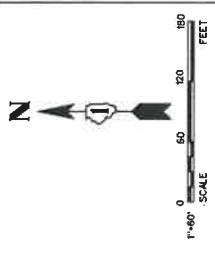
WATER MAIN REPLACEMENT
INNER CIRCLE DRIVE & HOSMER LANE

CREST HILL

SUMMARY OF QUANTITIES

SHEET 3 OF 3 SHEETS ETA

TO BTA



PR CURVE 1	PR CURVE 2	PR CURVE 3
PI STA = 211+21.64	PI STA = 701+48.11	PI STA = 306+144.88
Δ = 44°53'45" (RT)	Δ = 08°26'05" (RT)	Δ = 47°04'25" (RT)
D = 28°50'46"	D = 02°30'48"	D = 45°34'45"
R = 191.57'	R = 2,279.79'	R = 125.71'
L = 76.66'	L = 356.11'	L = 163.75'
T = 15.49'	T = 6.19'	T = 11.41'
PC STA = 210+42.88	PC STA = 700+00.00	PC STA = 305+50.23
PT STA = 211+52.28	PT STA = 703+35.63	PT STA = 306+53.51

BASIS OF BEARINGS
 THE BASIS OF BEARINGS IS THE STATE PLANE
 COORDINATE SYSTEM ZONE
 1200 (ILLINOIS EAST) WITH PROJECT ORIGIN AT
 LATITUDE: 43° 33' 15.20984" N
 LONGITUDE: 88° 06' 37.12882" W
 ELLIPSOIDAL HEIGHT: 538.487 SFT
 GROUND SCALE FACTOR: 1.0000046887
 ALL MEASUREMENTS ARE ON THE GROUND.

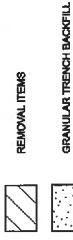
	DESIGNED -	REVIEWED -	SHEET NO. 240145 PROJECT NO. 240145
	DRAWN -	REVIEWED -	
CHECKED -	REVIEWED -	COUNTY WILL SCALE 1"=80' SHEET 1 OF 1 SHEETS STA TO STA	
DATE	REVISIONS	ALIGNMENT, TIES AND BENCHMARKS WATER MAIN REPLACEMENT INNER CIRCLE DRIVE & HOSMER LANE	

EXISTING LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT
- (B) AGGREGATE SUBGRADE
- (C) EXISTING SIDEWALK
- (D) EXISTING GROUND
- (E) EXISTING CURB AND GUTTER
- (F) EXISTING SUBGRADE
- (G) EXISTING DRIVEWAY

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", 180.2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-18.0, 180.3"
- (3) TRENCH BACKFILL
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-4.12
- (5) AGGREGATE BASE COURSE TYPE B, 4"
- (6) PORTLAND CEMENT CONCRETE SIDEWALK, 6" (ACROSS DRIVEWAYS)
- (7) AGGREGATE BASE COURSE TYPE B, 4"
- (8) PORTLAND CEMENT CONCRETE (H-EARLY) DRIVEWAY PAVEMENT, 6"
- (9) AGGREGATE BASE COURSE TYPE B, 4"



GENERAL NOTES

1. WHERE PROPOSED CURB AND GUTTER IS TO BE INSTALLED ADJACENT TO EXISTING TREES GREATER THAN 6" CONTRACTOR IS TO TREE ROOT PRUNE BEFORE REMOVING CURB AND GUTTER.
2. SOIL RESTORATION MAXIMUM WIDTH SHALL BE 4" NEXT TO SIDEWALK AND DRIVEWAYS, ALONG THE BACK OF CURB THE MAX WIDTH SHALL BE 6". SEE LANDSCAPING PLANS FOR AREAS OF SOIL RESTORATION.

DETAILS

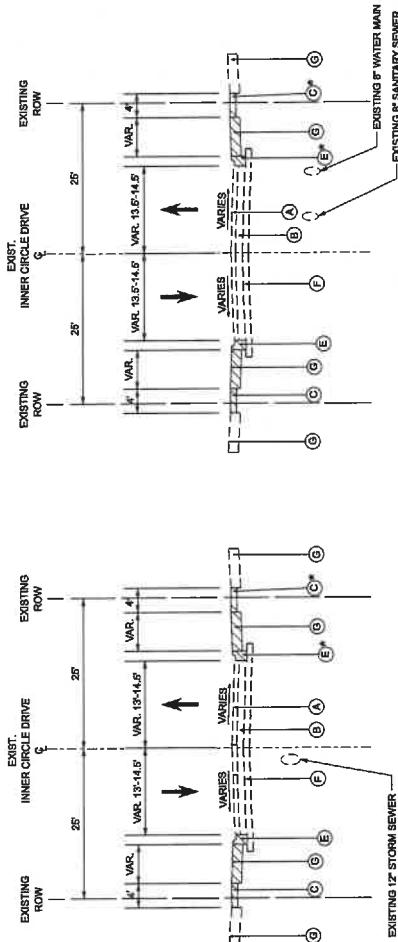
- * SEE PLANS FOR LOCATIONS OF CURB AND SIDEWALK REMOVAL AND REPLACEMENT

HOT-MIX ASPHALT REQUIREMENTS

INNER CIRCLE DRIVE PAVEMENT RESURFACING	MIXTURE TYPE	VOIDS
HMA SURFACE COURSE, IL-9.5, MIX "D", 180.2"	4% @ 50 GYR	
HMA BINDER COURSE, IL-18.0, 180.3"	4% @ 50 GYR	
HOSMER LANE PAVEMENT PATCHING		
HMA SURFACE COURSE, IL-9.5, MIX "D", 180.2"	4% @ 50 GYR	
HMA BINDER COURSE, IL-18.0, 180.3"	4% @ 50 GYR	

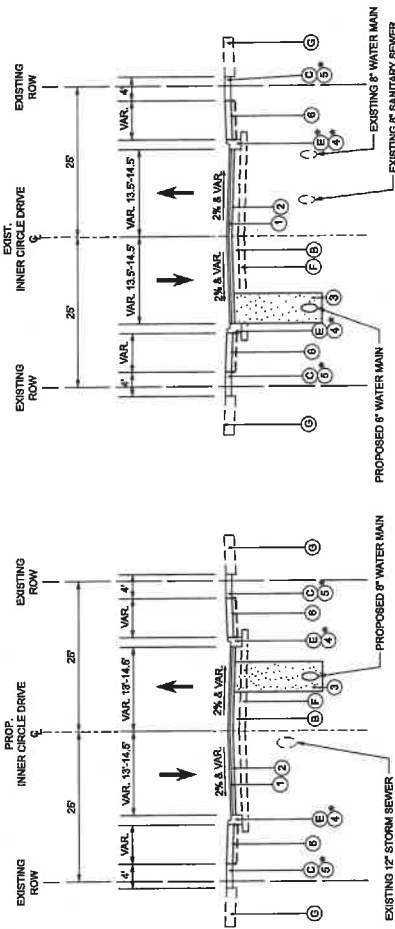
NOTES

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURE QUANTITIES IS 112 LBS/SQ YD.
2. FOR USE OF RECYCLED MATERIALS SEE DOT DISTRICT SPECIAL PROVISION FOR RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLE.

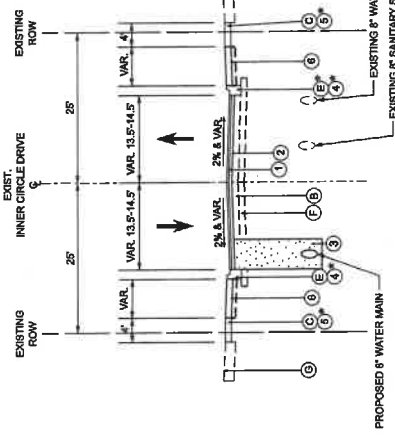


**EXISTING TYPICAL SECTION
INNER CIRCLE DR**
STA 300+85.50 TO STA 308-24.40

**EXISTING TYPICAL SECTION
INNER CIRCLE DR**
STA 308+24.40 TO STA 308+65.25



**PROPOSED TYPICAL SECTION
INNER CIRCLE DR**
STA 300+85.50 TO STA 308-24.40



**PROPOSED TYPICAL SECTION
INNER CIRCLE DR**
STA 308+24.40 TO STA 308+65.25

US Consulting
2000 State St., Suite 100
Moline, IL 61704
309-756-8000
www.usc.com

LIBRARY NAME: **PROJECT**
DRAWN: **JD**
CHECKED: **JD**
DATE: **11/15/2023**

REVISIONS

REVISION	DATE
REVISION	
REVISION	
REVISION	

COUNTY: **ILLINOIS**

TYPICAL SECTIONS

SCALE: 1"=4'-0"

SHEET: **1** OF **2** SHEETS

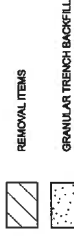
PROJECT NO. **240145**

EXISTING LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT
- (B) AGGREGATE SUBGRADE
- (C) EXISTING SIDEWALK
- (D) EXISTING GROUND
- (E) EXISTING CURB AND GUTTER
- (F) EXISTING SUBGRADE
- (G) EXISTING DRIVEWAY

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX 'D', NS0, 2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-10.0, NS0, 3"
- (3) TRENCH BACKFILL
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE BA-12
- (5) AGGREGATE BASE COURSE TYPE B, 4"
- (6) PORTLAND CEMENT CONCRETE SIDEWALK, 5" (6" ACROSS DRIVEWAYS)
- (7) AGGREGATE BASE COURSE TYPE B, 4"
- (8) PORTLAND CEMENT CONCRETE (H-EARLY) DRIVEWAY PAVEMENT, 6"
- (9) AGGREGATE BASE COURSE TYPE B, 4"



GENERAL NOTES

- WHERE PROPOSED CURB AND GUTTER IS TO BE INSTALLED ADJACENT TO EXISTING TREES GREATER THAN 6", CONTRACTOR IS TO TREE ROOT PRUNE BEFORE REMOVING CURB AND GUTTER.
- SOD RESTORATION MAXIMUM WIDTH SHALL BE 4' NEXT TO SIDEWALK AND DRIVEWAYS, ALONG THE BACK OF CURB THE MAXIMUM SHALL BE 6'. SEE LANDSCAPING PLANS FOR AREAS OF SOD RESTORATION.

DETAILS

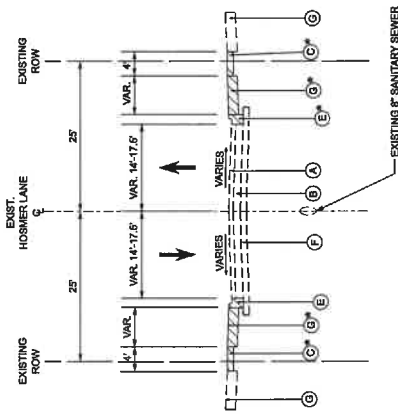
- SEE PLANS FOR LOCATIONS OF CURBS AND SIDEWALK REMOVAL AND REPLACEMENT

HOT-MIX ASPHALT REQUIREMENTS

MIXTURE TYPE	VOIDS
INNER CIRCLE DRIVE PAVEMENT RESURFACING	
HMA SURFACE COURSE, IL-9.5, MIX 'D', NS0 - 2"	4% @ 60 OYR
HMA BINDER COURSE, IL-10.0, NS0 - 3"	4% @ 60 OYR
HOSMER LANE PAVEMENT PATCHING	
HMA SURFACE COURSE, IL-9.5, MIX 'D', NS0 - 2"	4% @ 60 OYR
HMA BINDER COURSE, IL-10.0, NS0 - 3"	4% @ 60 OYR

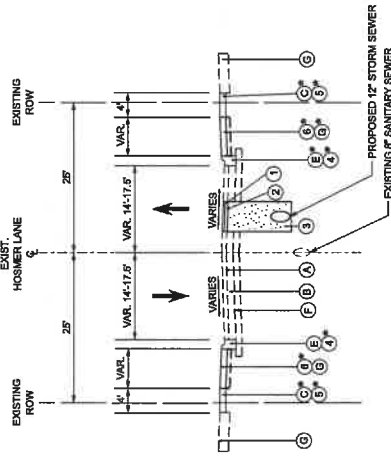
NOTES

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURE QUANTITIES IS 112 LB/CCYDWN.
- FOR USE OF RECYCLED MATERIALS SEE DOT DISTRICT SPECIAL PROVISION FOR RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES.



**EXISTING TYPICAL SECTION
HOSMER LN**

STA 115+48.87 TO STA 116+89.02



**EXISTING TYPICAL SECTION
HOSMER LN**

STA 115+48.87 TO STA 116+89.02

USER NAME: PROJECT NO: PLOT DATE:	DESIGNED: _____	REVISION: _____	CREDIT: _____	SCALE: 1"=10'	SHEET 2 OF 2	SHEETS: STA TO STA	COUNTY: _____ WEL: _____	TOTAL SHEETS: _____ NO. OF _____
	DRAWN: _____	REVISION: _____						

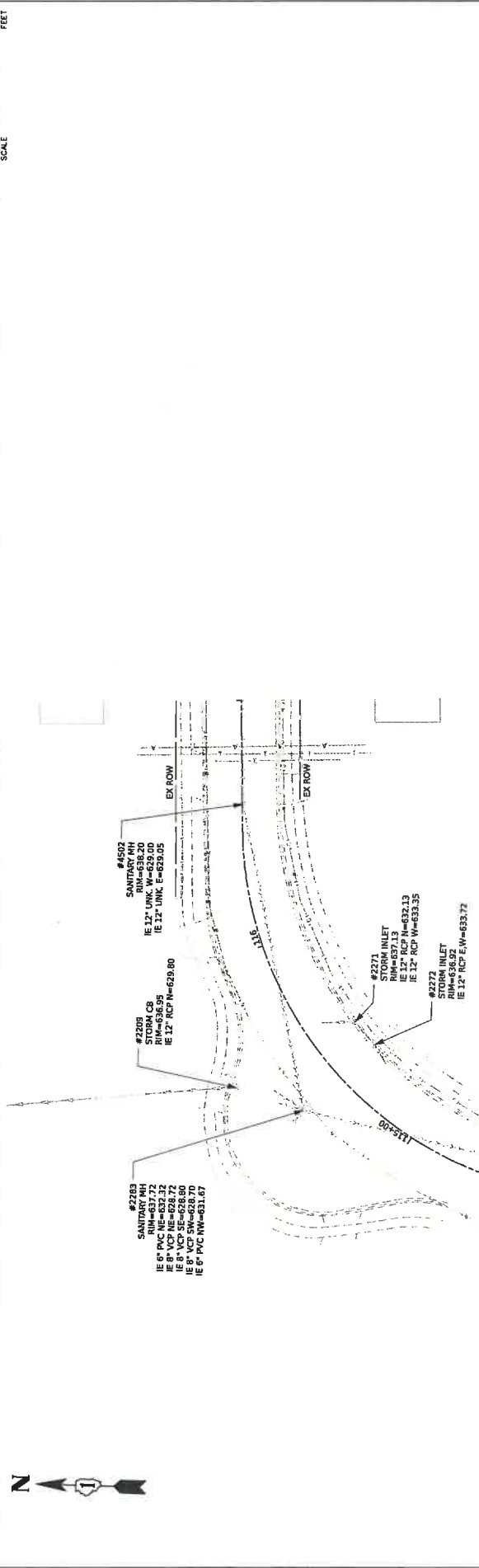
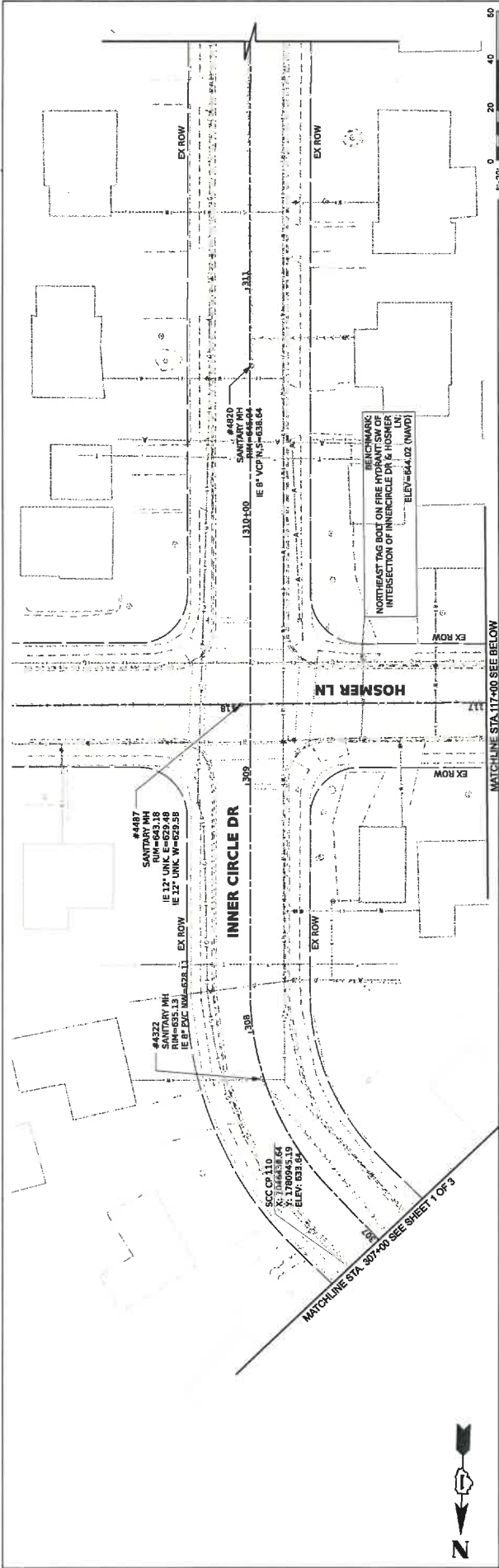
**WATER MAIN REPLACEMENT & HOSMER LANE
INNER CIRCLE DRIVE & HOSMER LANE**





V3 Consulting 1000 N. 10th Street Phoenix, AZ 85007 www.v3c.com	USER NAME = DATE = PLOT DATE =	DESIGNED = CHECKED = DATE =	REVISIONS 1 2 3 4 5	CREDIT M.L. SCALE: 1"=20' SHEET 1 OF 2 SHEETS 1 TO STA. 302+00.00 STA. 302+00.86 TO STA. 302+00.00	COUNTY WILL PROJECT NO. 240145	TOTAL SHEET NO. 9 SHEET NO. 2
	WATER MAIN REPLACEMENT INNER CIRCLE DRIVE & HOSMER LANE			EXISTING CONDITIONS		





13

W3 Companies
15200 E. 10th Ave., Suite 100
Denver, CO 80231
303.754.8000
www.w3.com

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

PROJECT NAME - WATER MAIN REPLACEMENT
PROJECT SCALE - 1"=20'
PROJECT DATE - 2/1/2024

CLIENT -

SCALE 1"=20'

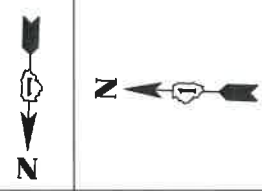
SHEET 2 OF 2

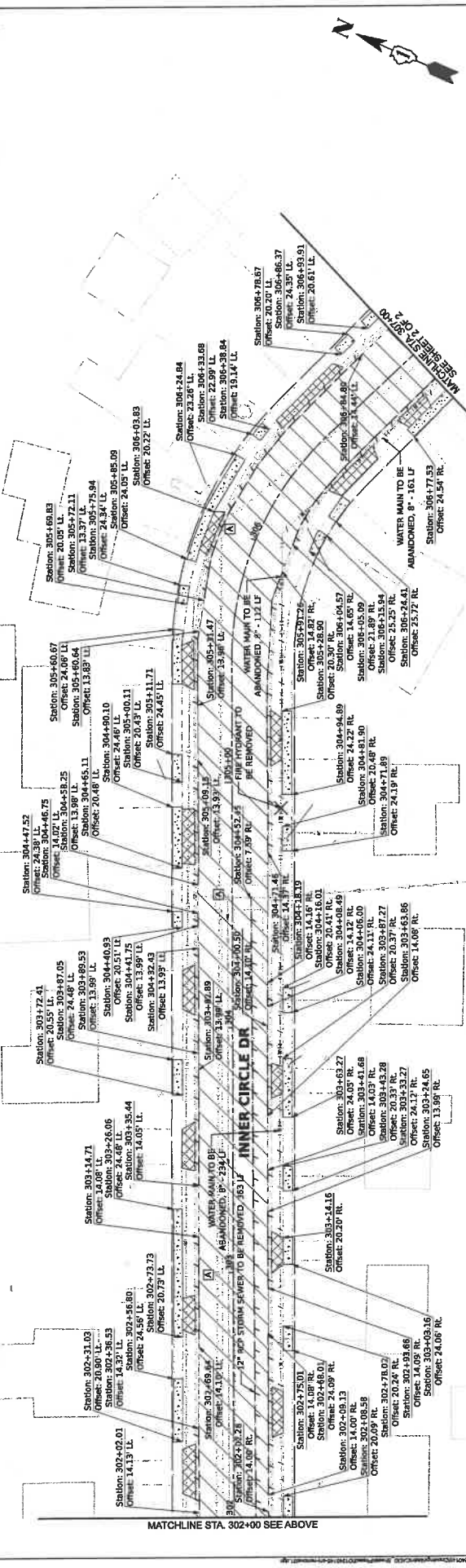
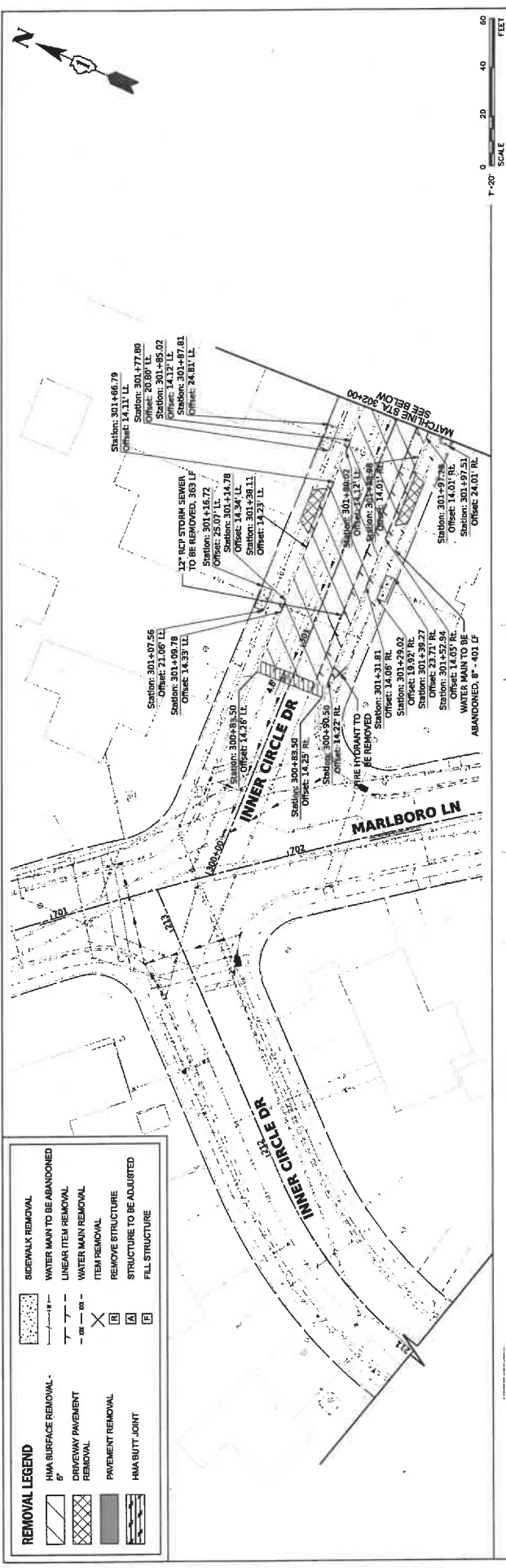
EXISTING CONDITIONS

COMITY WILL

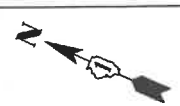
SHEET NO. 06

PROJECT NO. 240145



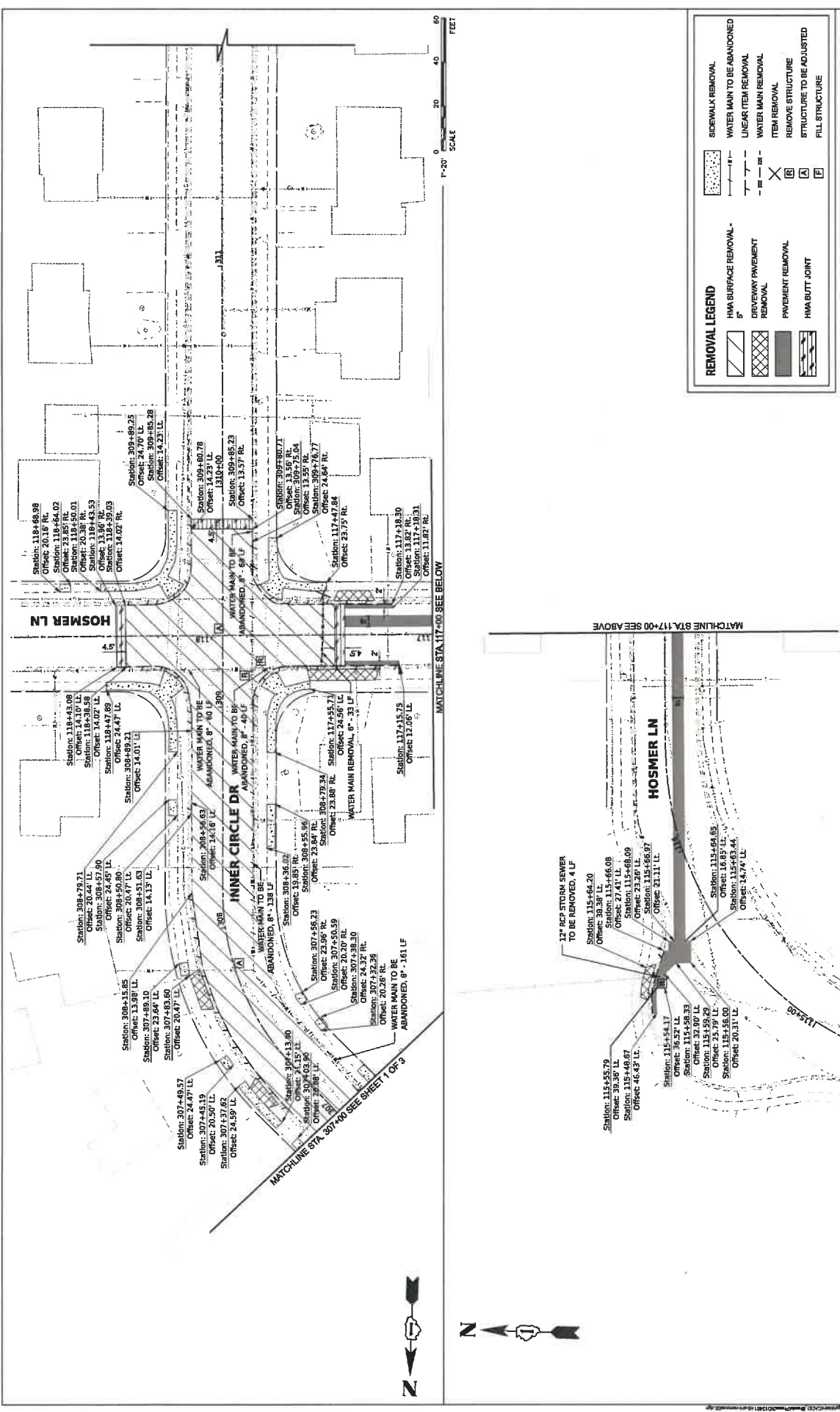


REMOVAL LEGEND	
	HMA SURFACE REMOVAL
	SEWER REMOVAL
	CURB AND GUTTER REMOVAL
	PAVEMENT REMOVAL
	HMA BUTT JOINT
	SIDEWALK REMOVAL
	WATER MAIN TO BE ABANDONED
	LINEAR ITEM REMOVAL
	WATER MAIN REMOVAL
	ITEM REMOVAL
	REMOVE STRUCTURE
	STRUCTURE TO BE ADJUSTED
	FILL STRUCTURE



		PROJECT NO. 240445 SHEET NO. 11 COUNTY: WIL TOTAL SHEETS: 11	
DATE: 11/15/2011 TIME: 10:00 AM		SHEET 1 OF 2 SCALE: 1"=20' ELLIPSOID: NAD 83 TO STA. 301+00 FROM STA. 302+00	
DESIGNED: [Name] CHECKED: [Name] DATE: [Date]		REMOVAL PLAN WATER MAIN REPLACEMENT INNER CIRCLE DRIVE & HOSMER LANE	

VJ CONSULTING
 1300 N. W. 10th St.
 Fort Lauderdale, FL 33311
 www.vjconsulting.com



NO. SHEETS	12
COUNTY	WILL.
PROJECT NO.	246145

REMOVAL PLAN

REVISIONS

NO.	DESCRIPTION	DATE
1	REVISED	
2	REVISED	
3	REVISED	

WATER MAIN TO BE ABANDONED	(Symbol)
LINEAR ITEM REMOVAL	(Symbol)
WATER MAIN REMOVAL	(Symbol)
ITEM REMOVAL	(Symbol)
REMOVE STRUCTURE	(Symbol)
STRUCTURE TO BE ADJUSTED	(Symbol)
FILL STRUCTURE	(Symbol)

HMA SURFACE REMOVAL	(Symbol)
DRIVEWAY PAVEMENT REMOVAL	(Symbol)
PAVEMENT REMOVAL	(Symbol)
HMA BUTT JOINT	(Symbol)

WATER MAIN REPLACEMENT & HOSMER LANE

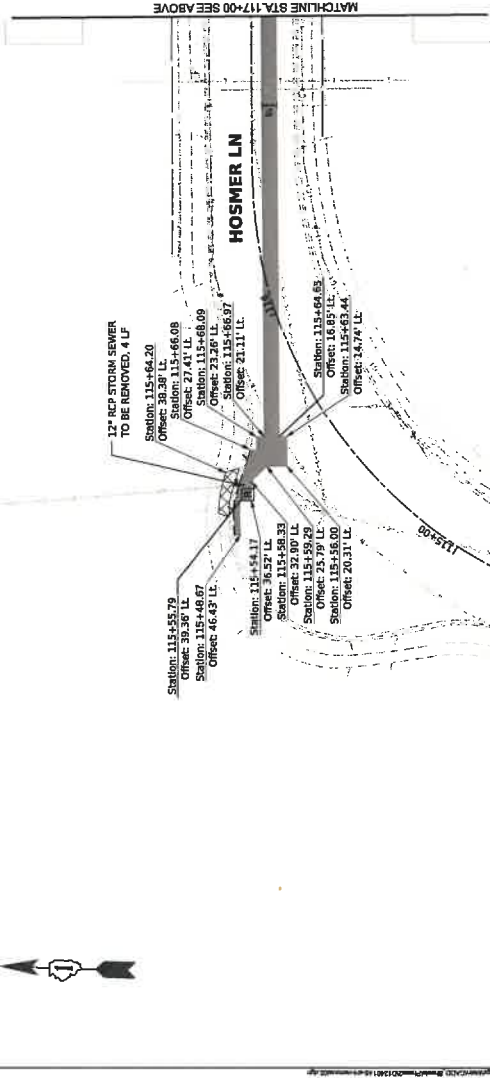
INNER CIRCLE DRIVE & HOSMER LANE

SCALE: 1"=20'

SHEET 2 OF 2

DATE: 10/20/18

CREDIT: [Name]



WJ Construction
200 James Street
Roxbury, MA 02119
Tel: 617-552-1100

PORTLAND CEMENT CONCRETE SIDEWALK
REMOVAL & REPLACEMENT, 8" (8" AT DRIVEWAYS)
AGGREGATE BASE COURSE, TYPE B, 4"

PORTLAND CEMENT CONCRETE (H&B, V) DRIVEWAY
PAVEMENT REMOVAL & REPLACEMENT, 8"
AGGREGATE BASE COURSE, TYPE B, 4"

2" HMA DRIVEWAY REMOVAL AND REPLACEMENT
AGGREGATE BASE COURSE, TYPE B, 4"

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, MS9 - 2"
IL-18.0, MS9 - 3"
GRADING AND SHAPING ROADWAY

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-8.5, MS9 - 2"
IL-18.0, MS9 - 3"

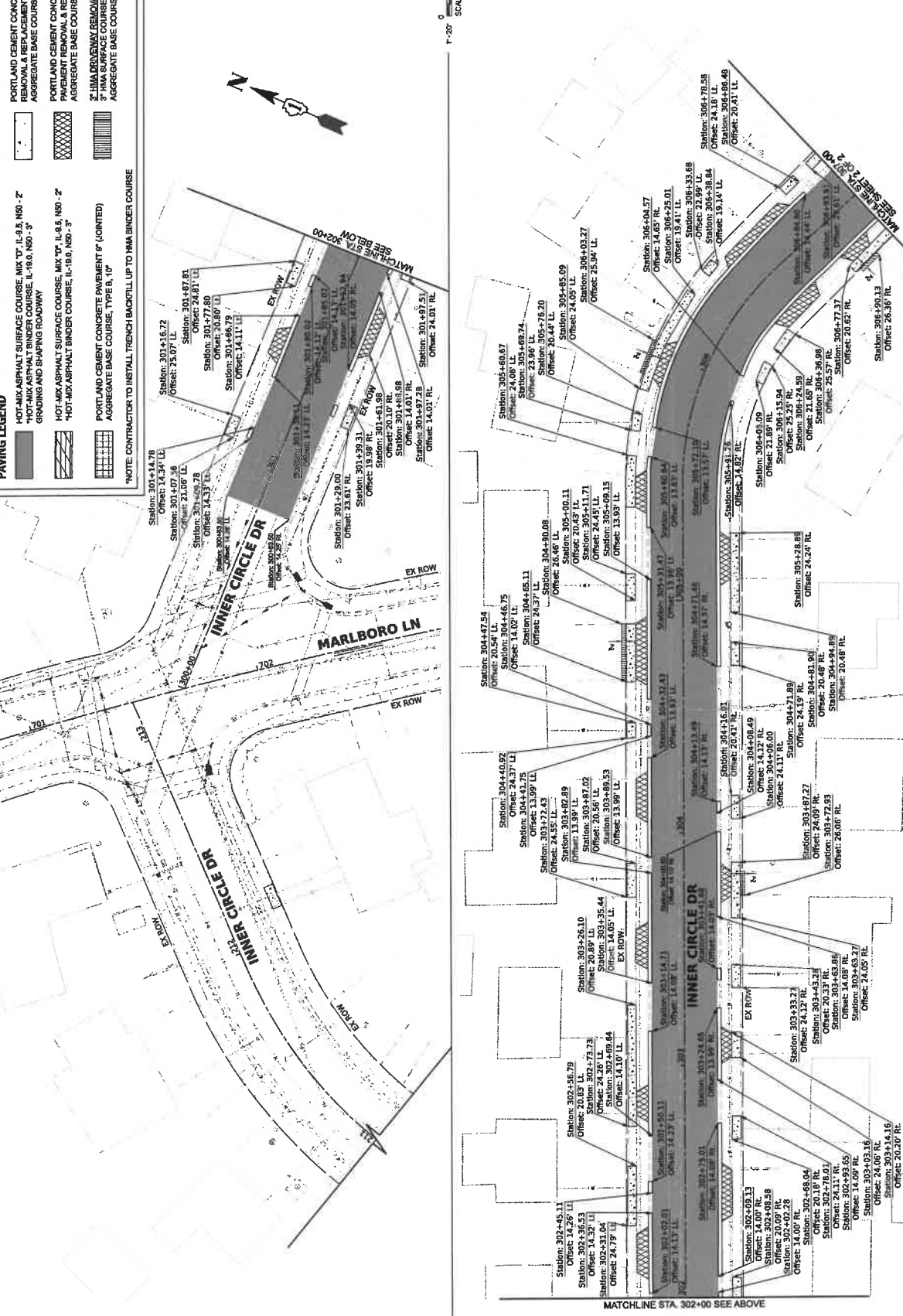
PORTLAND CEMENT CONCRETE PAVEMENT 6" (JOINTED)
AGGREGATE BASE COURSE, TYPE B, 10"

NOTE: CONTRACTOR TO INSTALL TRENCH BACKFILL UP TO HMA SINDER COURSE



SCALE: 1"=20'

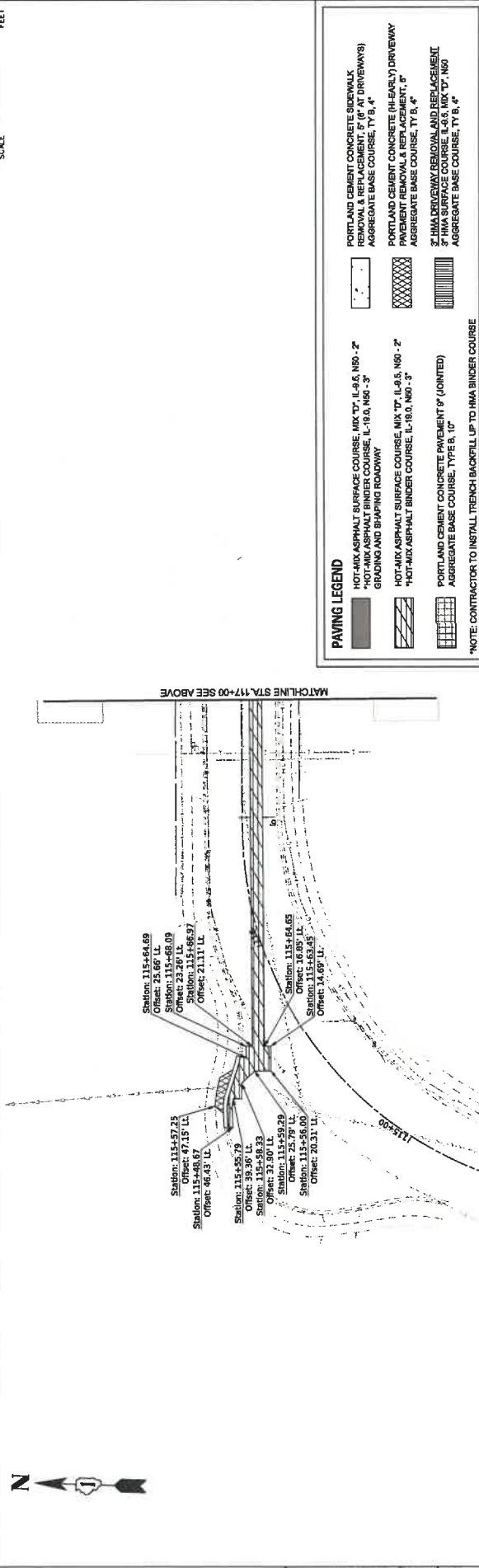
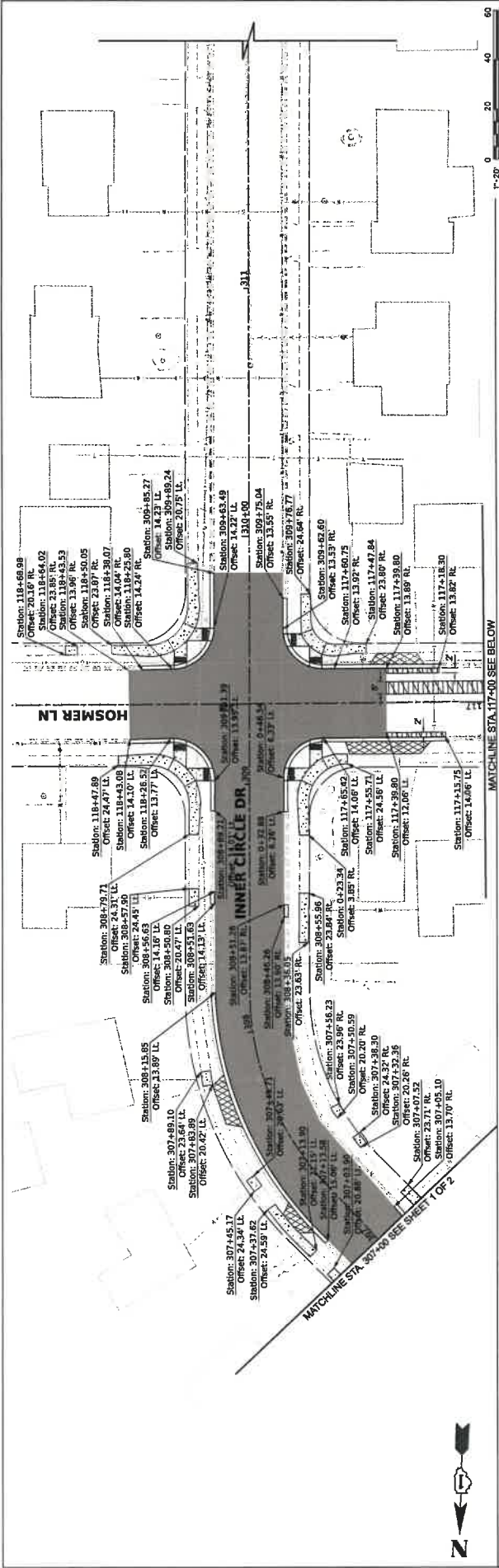
0 20 40 60
FEET



V1 Creative 4000 S. 10th St. Suite 100 Lincoln, NE 68504	DESIGNED	REVISION	REVISION	REVISION
	DRAWN	REVISION	REVISION	REVISION
FOR SCALE	CHECKED	REVISION	REVISION	REVISION
DATE	DATE	REVISION	REVISION	REVISION
IMPR NAME: [blank] PURCHASE: [blank] PLOT DATE: 8/2/2024	SHEET 1 OF 2 SHEETS SCALE: 1"=20' ALIANS: [blank] PROJECT NO. 240145 RESTORATION PLAN WATER MAIN REPLACEMENT INNER CIRCLE DRIVE & HOSMER LANE			



TO STA. 307+00
FROM STA. 301+00



PAVING LEGEND

- PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT 5" (6" AT DRIVEWAYS) AGGREGATE BASE COURSE, TYP, 4"
- PORTLAND CEMENT CONCRETE (H-EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT, 5" AGGREGATE BASE COURSE, TYP, 4"
- 3" HMA DRIVEWAY BELOWLAND REPLACEMENT 3" HMA SURFACE COURSE, L-8.5, MIX "D", N60 AGGREGATE BASE COURSE, TYP, 8, 4"
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", L-9.5, N60, 2" AGGREGATE BASE COURSE, TYP, 8, 10"
- HOT-MIX ASPHALT BINDER COURSE, L-18.0, N60, 3"
- PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) AGGREGATE BASE COURSE, TYPE B, 10"

*NOTE: CONTRACTOR TO INSTALL TRENCH BACKFILL UP TO HMA BINDER COURSE

	USER NAME	DESIGNED	REVISION	DATE
	PLOT SCALE	DRAWN	REVISION	
	PROJECT NO.	CHECKED	REVISION	
	PLOT DATE	DATE	REVISION	
WATER MAIN REPLACEMENT INNER CIRCLE DRIVE & HOSMER LANE				
RESTORATION PLAN				
SHEET 2 OF 2 SHEETS STA. 117+00 TO STA. 117+00				
SCALE: 1"=20'				
COUNTY: WELLS PROJECT NO. 240145				

NOTE: ALL SERVICES TO BE REPLACED TO THE RIGHT OF HWY 45, AS WELL AS REPLACING THE BOX AT EVERY PROPERTY CONNECTED TO THE NEW WATER MAIN. SEE UTILITY CROSSING CONFLICT CHART FOR MORE INFORMATION. EXISTING B-BOKES LOCATED WITHIN DRIVEWAYS OR SIDEWALKS SHALL BE RELOCATED TO THE PARKWAY. THE CONTRACTOR IS TO FIELD VERIFY AND LOCATE THE SERVICES FOR CONNECTION.

ST-1
4" DIA. CATCH BASIN
TYPE A, TYPE 1 FRAME, OPEN LID
RM = 632.37
PR IE 12" RCP = 629.20 S

ST-2
4" DIA. CATCH BASIN
TYPE A, TYPE 1 FRAME, OPEN LID
RM = 632.55
PR IE 12" RCP = 629.05 N.W

ST-19
EX 4" DIA. MANHOLE
STA 304+53.06, 2.00' LT
EX IE 10" RCP = 627.04 N
EX IE 12" RCP = 626.64 S
PR IE 12" RCP = 626.19 W
PR IE 12" RCP = 627.18 E

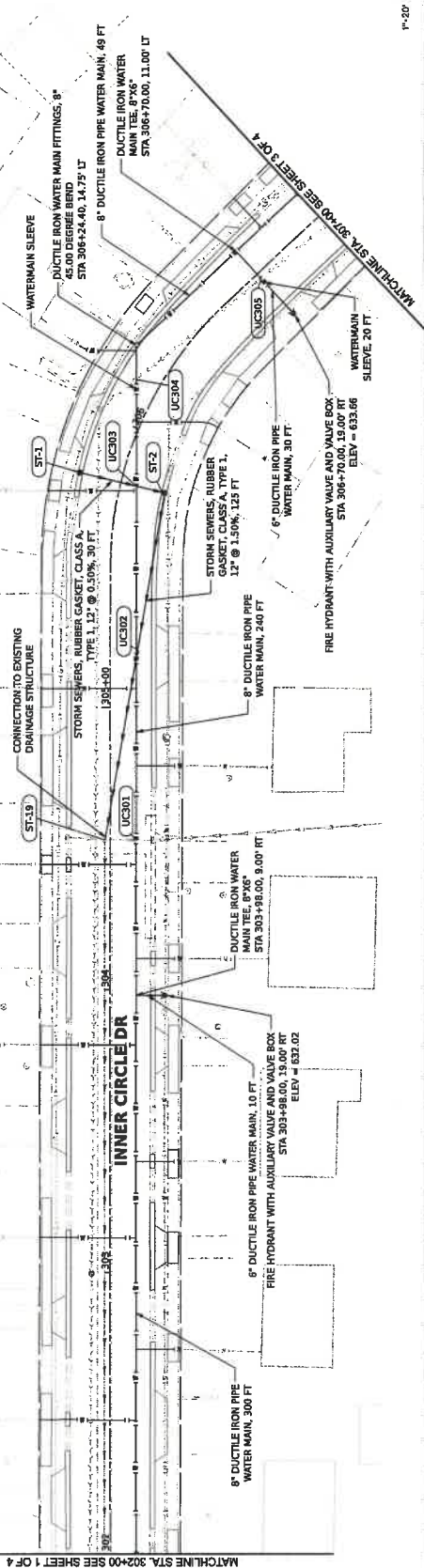
ST-1
4" DIA. CATCH BASIN
TYPE A, TYPE 1 FRAME, OPEN LID
RM = 632.37
PR IE 12" RCP = 629.20 S

ST-2
4" DIA. CATCH BASIN
TYPE A, TYPE 1 FRAME, OPEN LID
RM = 632.55
PR IE 12" RCP = 629.05 N.W

ST-19
EX 4" DIA. MANHOLE
STA 304+53.06, 2.00' LT
EX IE 10" RCP = 627.04 N
EX IE 12" RCP = 626.64 S
PR IE 12" RCP = 626.19 W
PR IE 12" RCP = 627.18 E

ST-1
4" DIA. CATCH BASIN
TYPE A, TYPE 1 FRAME, OPEN LID
RM = 632.37
PR IE 12" RCP = 629.20 S

ST-2
4" DIA. CATCH BASIN
TYPE A, TYPE 1 FRAME, OPEN LID
RM = 632.55
PR IE 12" RCP = 629.05 N.W



STATION	ELEVATION	REVISIONS	DATE
645	633.54		
640	633.08		
635	632.80		
630	632.78		
625	632.53		
620	632.59		
615	632.28		
610	632.28		
605	632.28		
600	632.28		
595	632.28		
590	632.28		
585	632.28		
580	632.28		
575	632.28		
570	632.28		
565	632.28		
560	632.28		
555	632.28		
550	632.28		
545	632.28		
540	632.28		
535	632.28		
530	632.28		
525	632.28		
520	632.28		
515	632.28		
510	632.28		
505	632.28		
500	632.28		
495	632.28		
490	632.28		
485	632.28		
480	632.28		
475	632.28		
470	632.28		
465	632.28		
460	632.28		
455	632.28		
450	632.28		
445	632.28		
440	632.28		
435	632.28		
430	632.28		
425	632.28		
420	632.28		
415	632.28		
410	632.28		
405	632.28		
400	632.28		
395	632.28		
390	632.28		
385	632.28		
380	632.28		
375	632.28		
370	632.28		
365	632.28		
360	632.28		
355	632.28		
350	632.28		
345	632.28		
340	632.28		
335	632.28		
330	632.28		
325	632.28		
320	632.28		
315	632.28		
310	632.28		
305	632.28		
300	632.28		
295	632.28		
290	632.28		
285	632.28		
280	632.28		
275	632.28		
270	632.28		
265	632.28		
260	632.28		
255	632.28		
250	632.28		
245	632.28		
240	632.28		
235	632.28		
230	632.28		
225	632.28		
220	632.28		
215	632.28		
210	632.28		
205	632.28		
200	632.28		
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190	632.28		
185	632.28		
180	632.28		
175	632.28		
170	632.28		
165	632.28		
160	632.28		
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150	632.28		
145	632.28		
140	632.28		
135	632.28		
130	632.28		
125	632.28		
120	632.28		
115	632.28		
110	632.28		
105	632.28		
100	632.28		
95	632.28		
90	632.28		
85	632.28		
80	632.28		
75	632.28		
70	632.28		
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40	632.28		
35	632.28		
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5	632.28		
0	632.28		

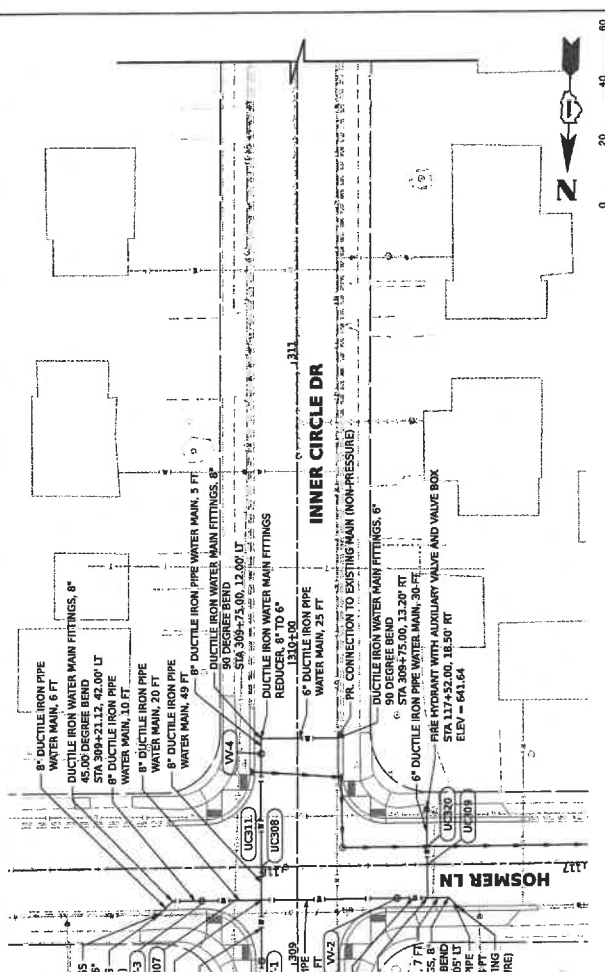
VI Companies 1100 West 1st Street Woodbridge, NJ 07095 908-721-1111		DESIGNED - DRAWN - CHECKED - DATE -	REVISIONS 1 2 3 4 5 6 7 8 9 10 11 12 13 14	PROJECT NO. 260145 SHEET 2 OF 4 SCALE 1"=20' L.L.S.C.S. TO STA. 307+00.00
WATER MAIN REPLACEMENT INNER CIRCLE DRIVE & HOSMER LANE		DRAINAGE & UTILITY INNER CIRCLE DRIVE	SHEET NO. 260145	PROJECT NO. 260145

NOTE:
 ALL WATER SERVICES TO BE REPLACED TO THE RIGHT OF WAY AS WELL AS REPLACING THE B-BOX AT EVERY PROPERTY CONNECTED TO THE NEW WATER MAIN. SEE UTILITY CROSSING CONFLICT CHART FOR MORE INFORMATION. EXISTING B-BOXES LOCATED FROM DRIVEWAYS OR SIDEWALKS SHALL BE RELOCATED TO THE RIGHT OF WAY. THE CONTRACTOR IS TO FIELD VERIFY AND LOCATE THE SERVICES FOR CONNECTION.

VW1
 6" DIA. VALVE VAULT
 TYPE A, TYPE 1 FRAME, CLOSED LID
 STA 309+70.00, 12.00' LT
 RIM = 643.63

VW2
 6" DIA. VALVE VAULT
 TYPE A, TYPE 1 FRAME, CLOSED LID
 STA 309+21.19, 32.00' LT
 RIM = 642.86

VW3
 6" DIA. VALVE VAULT
 TYPE A, TYPE 1 FRAME, CLOSED LID
 STA 309+96.27, 13.99' LT
 RIM = 643.63



1"=20' SCALE

STATION	DESCRIPTION	REVISION	DATE	BY	CHECKED	DATE	BY
300+00	622.78						
300+50	633.08						
301+00	633.08						
301+50	634.21						
302+00	635.54						
302+50	636.87						
303+00	638.20						
303+50	639.53						
304+00	640.86						
304+50	642.19						
305+00	643.52						
305+50	644.85						
306+00	646.18						
306+50	647.51						
307+00	648.84						
307+50	650.17						
308+00	651.50						
308+50	652.83						
309+00	654.16						
309+50	655.49						
310+00	656.82						
310+50	658.15						
311+00	659.48						
311+50	660.81						
312+00	662.14						

PROJECT NO. 24146

SHEET 3 OF 4

SCALE: 1"=20'

WATER MAIN REPLACEMENT
 INNER CIRCLE DRIVE & HOSMER LANE

DRAINAGE & UTILITY
 INNER CIRCLE DRIVE

DATE: 11/11/11

DESIGNED BY: [Name]

DRAWN BY: [Name]

CHECKED BY: [Name]

DATE: 11/11/11

PROJECT NO. 24146

SHEET NO. 3

TOTAL SHEETS: 4

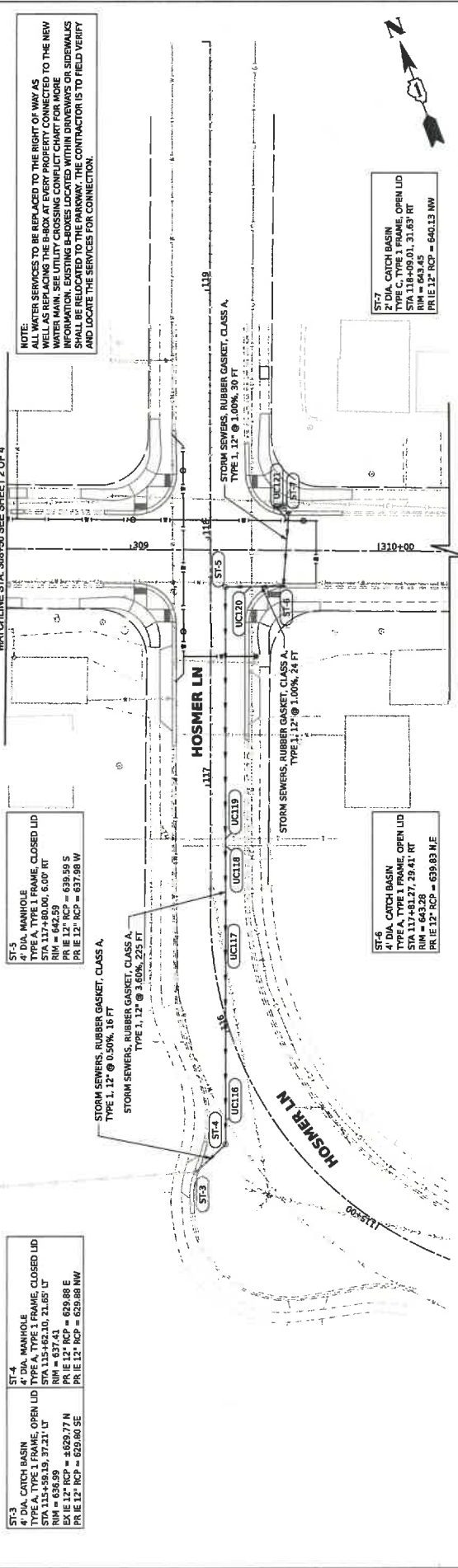
COUNTY: WILL

WELL: 06

TO STA. 312+00

FROM STA. 307+00.00

MATCHLINE STA. 308+50 SEE SHEET 2 OF 4



ST-3
 2' DIA. CATCH BASIN
 TYPE A, TYPE 1 FRAME, OPEN LID
 STA 113+59.19, 37.21' UT
 RIM = 636.99
 EX IE 12" RCP = 6329.77 N
 PR IE 12" RCP = 629.80 SE

ST-4
 4' DIA. CATCH BASIN
 TYPE A, TYPE 1 FRAME, OPEN LID
 STA 117+81.27, 29.41' RT
 RIM = 643.28
 EX IE 12" RCP = 639.89 NE
 PR IE 12" RCP = 639.89 NE

ST-5
 2' DIA. CATCH BASIN
 TYPE C, TYPE 1 FRAME, OPEN LID
 STA 118+09.01, 31.63' RT
 RIM = 645.85
 EX IE 12" RCP = 640.13 NW
 PR IE 12" RCP = 640.13 NW

ST-3
 MANHOLE
 TYPE A, TYPE 1 FRAME, CLOSED LID
 STA 117+80.00, 6.00' RT
 RIM = 642.59
 EX IE 12" RCP = 639.99 S
 PR IE 12" RCP = 637.98 W

ST-4
 MANHOLE
 TYPE A, TYPE 1 FRAME, CLOSED LID
 STA 115+62.10, 21.65' UT
 RIM = 637.41
 EX IE 12" RCP = 629.88 E
 PR IE 12" RCP = 629.80 SE

ST-5
 MANHOLE
 TYPE A, TYPE 1 FRAME, CLOSED LID
 STA 117+80.00, 6.00' RT
 RIM = 642.59
 EX IE 12" RCP = 639.99 S
 PR IE 12" RCP = 637.98 W

ST-6
 4' DIA. CATCH BASIN
 TYPE A, TYPE 1 FRAME, OPEN LID
 STA 117+81.27, 29.41' RT
 RIM = 643.28
 EX IE 12" RCP = 639.89 NE
 PR IE 12" RCP = 639.89 NE

ST-7
 2' DIA. CATCH BASIN
 TYPE C, TYPE 1 FRAME, OPEN LID
 STA 118+09.01, 31.63' RT
 RIM = 645.85
 EX IE 12" RCP = 640.13 NW
 PR IE 12" RCP = 640.13 NW

NOTE:
 ALL WATER SERVICES TO BE REPLACED TO THE RIGHT OF WAYS AS WELL AS REPLACING THE B-BOX AT EVERY PROPERTY CONNECTED TO THE WATER MAIN. SEE UTILITY CROSSING CONFLICT CHART FOR MORE INFORMATION. EXISTING B-BOXES LOCATED WITHIN DRIVEWAYS OR SIDEWALKS SHALL BE RELOCATED TO THE PARKWAY. THE CONTRACTOR IS TO FIELD VERIFY AND LOCATE THE SERVICES FOR CONNECTION.



STATION	REVISION	DATE	BY	CHKD	APPV
655					
650					
645					
640					
635					
630					
625					
620					

**WATER MAIN REPLACEMENT
INNER CIRCLE DRIVE & HOSMER LANE**

SCALE: 1"=20'

SHEET 4 OF 4 SHEETS STA. 114+00.00 TO STA. 119+50.00

PROJECT NO. 240145

**DRAINAGE & UTILITY
HOSMER LANE**

SCALE: 1"=20'

SHEET 4 OF 4 SHEETS STA. 114+00.00 TO STA. 119+50.00

PROJECT NO. 240145

DESIGNED: _____

DRAWN: _____

CHECKED: _____

DATE: _____

APPROVED: _____

DATE: _____

PROJECT NO. 240145

DATE: _____

INNER CIRCLE DRIVE PHASE 2

CROSSING NUMBER	LOCATION		PIPE INFORMATION			INVERT ELEVATION	OUTER ELEVATION	CLEARANCE (FEET)
	STATION	OFFSET	STATUS	SIZE	TYPE			
UC201	304+52.31	0.00 FT	PROPOSED	12" WDRCP	STORM	636.75	636.38 BP	0.72
UC202	305+00.75	0.00 FT	PROPOSED	8" DIP	WATER	625.15	625.87 TP	1.80
			PROPOSED	12" WDRCP	STORM	625.15	625.87 TP	
UC203	305+49.00	5.50 FT	PROPOSED	12" WDRCP	STORM	625.15	625.87 TP	2.45
			PROPOSED	8" DIP	WATER	625.15	625.87 TP	
UC204	306+14.87	8.32 FT	PROPOSED	8" DIP	WATER	625.15	625.87 TP	1.50
			PROPOSED	12" WDRCP	STORM	625.15	625.87 TP	
UC205	306+70.00	7.12 FT	PROPOSED	8" DIP	WATER	625.15	625.87 TP	1.50
			PROPOSED	12" WDRCP	STORM	625.15	625.87 TP	
UC206	308+77.29	12.00 FT	PROPOSED	8" DIP	WATER	625.15	625.87 TP	3.21
			PROPOSED	12" WDRCP	STORM	625.15	625.87 TP	
UC207	309+21.27	20.73 FT	PROPOSED	8" DIP	WATER	625.15	625.87 TP	2.85
			PROPOSED	12" WDRCP	STORM	625.15	625.87 TP	
UC208	309+32.25	12.00 FT	PROPOSED	8" DIP	WATER	625.15	625.87 TP	5.90
			PROPOSED	12" WDRCP	STORM	625.15	625.87 TP	
UC209	309+32.75	43.21 FT	PROPOSED	8" DIP	WATER	625.15	625.87 TP	4.08
			PROPOSED	12" WDRCP	STORM	625.15	625.87 TP	
UC210	309+38.75	42.97 FT	PROPOSED	8" DIP	WATER	625.15	625.87 TP	1.63
			PROPOSED	12" WDRCP	STORM	625.15	625.87 TP	
UC211	309+40.17	12.00 FT	PROPOSED	8" DIP	WATER	625.15	625.87 TP	2.82
			PROPOSED	12" WDRCP	STORM	625.15	625.87 TP	

LEGEND: TP = TOP OF PIPE, BP = BOTTOM OF PIPE, DIP = DUCTILE IRON PIPE, WDRCP = WATER QUALITY REINFORCED CONCRETE PIPE, PVC = POLYVINYL CHLORIDE, STL = STEEL, PE = POLYETHYLENE

HOSMER LANE PHASE 2

CROSSING NUMBER	LOCATION		PIPE INFORMATION			INVERT ELEVATION	OUTER ELEVATION	CLEARANCE (FEET)
	STATION	OFFSET	STATUS	SIZE	TYPE			
UC116	115+49.70	16.39 FT	EXISTING	6" DIP	WATER	631.30	631.52 BP	0.11
			PROPOSED	12" WDRCP	STORM	630.74	631.41 TP	
UC117	115+22.34	4.55 FT	EXISTING	12" WDRCP	STORM	631.30	631.78 BP	2.32
			PROPOSED	12" WDRCP	STORM	630.74	631.41 TP	
UC118	116+75.53	5.59 FT	EXISTING	2" W	ELECTRIC	634.00	635.96 BP	0.47
			PROPOSED	12" WDRCP	STORM	634.00	635.96 BP	
UC119	116+78.78	5.99 FT	EXISTING	2" PE	TELEPHONE	632.29	636.31 BP	0.72
			PROPOSED	12" WDRCP	STORM	634.32	635.29 TP	
UC120	117+80.14	16.62 FT	EXISTING	2" W	GAS	632.54	639.50 BP	4.52
			PROPOSED	12" RCP	STORM	638.50	640.02 TP	
UC121	118+06.79	31.41 FT	EXISTING	12" RCP	STORM	640.10	639.93 BP	1.85
			PROPOSED	8" DIP	WATER	636.91	638.08 TP	

LEGEND: TP = TOP OF PIPE, BP = BOTTOM OF PIPE, DIP = DUCTILE IRON PIPE, WDRCP = WATER QUALITY REINFORCED CONCRETE PIPE, PVC = POLYVINYL CHLORIDE, STL = STEEL, PE = POLYETHYLENE



DATE: 11/11/2011
 PROJECT: 11-0001
 SHEET: 1 OF 1

DESIGNED: [REVISION]
 CHECKED: [REVISION]
 DATE: [REVISION]

WATER MAIN REPLACEMENT
 INNER CIRCLE DRIVE & HOSMER LANE

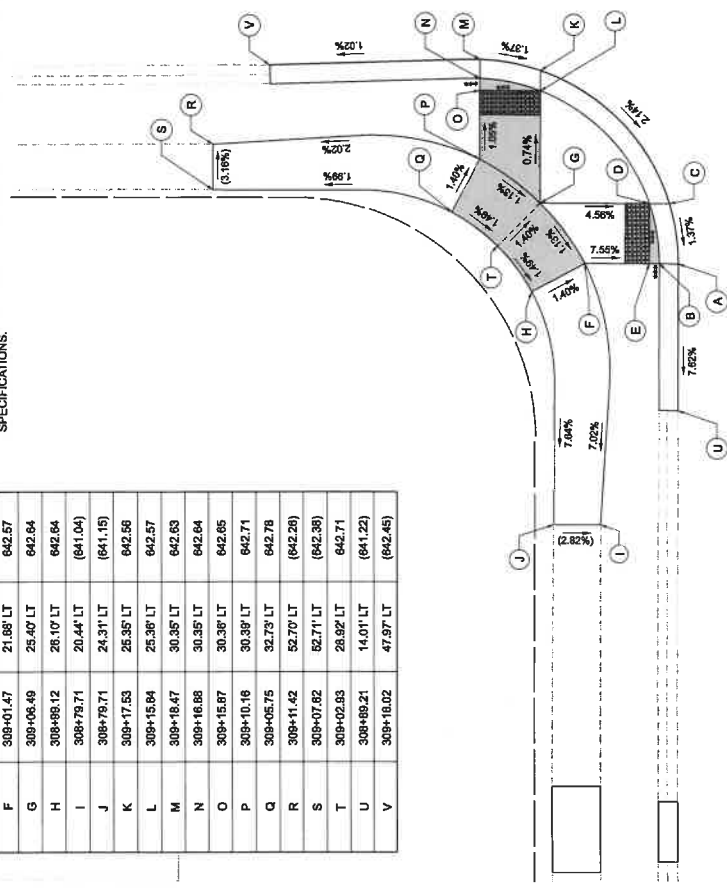
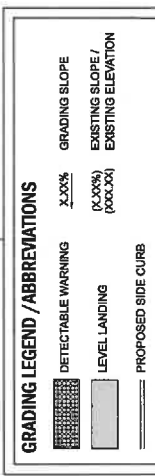
SCALE: 1" = 40'
 SHEET: 1 OF 1

DRAINAGE & UTILITY
 CROSSING CONFLICT TABLES

COUNTY: WELLS
 PROJECT NO: 240145

INNER CIRCLE DRIVE & HOSMER LANE ADA RAMP ELEVATION TABLE

POINT:	STATION	OFFSET	ELEVATION
A	309+01.49	13.95' LT	642.15
B	309+01.44	15.54' LT	642.16
C	309+06.44	14.89' LT	642.22
D	309+06.45	16.36' LT	642.23
E	309+01.45	16.36' LT	642.17
F	309+01.47	21.98' LT	642.57
G	309+06.40	25.40' LT	642.64
H	309+06.12	26.10' LT	642.64
I	309+79.71	20.44' LT	(641.04)
J	309+79.71	24.31' LT	(641.15)
K	309+17.53	25.35' LT	642.56
L	309+15.64	25.35' LT	642.57
M	309+18.47	30.35' LT	642.63
N	309+16.88	30.35' LT	642.64
O	309+15.87	30.38' LT	642.65
P	309+10.16	30.39' LT	642.71
Q	309+05.75	32.73' LT	642.78
R	309+11.42	52.70' LT	(642.20)
S	309+07.82	52.71' LT	(642.38)
T	309+02.55	28.92' LT	642.71
U	309+89.21	14.01' LT	(641.22)
V	309+10.02	47.97' LT	(642.45)

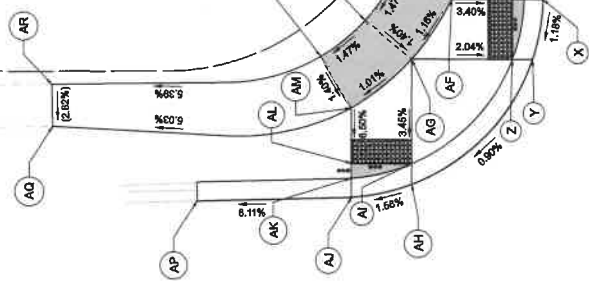


INNER CIRCLE DRIVE & HOSMER LANE ADA RAMP ELEVATION TABLE

SLOPE	DISTANCE	FROM POINT	TO POINT
1.68%	5.00'	O	L
0.88%	1.02'	O	N
1.20%	5.00'	D	E
1.12%	0.85'	E	B
1.40%	5.00'	AL	AJ
0.82%	1.22'	AL	AK
1.40%	5.00'	Z	AB
1.01%	0.88'	AB	AA

INNER CIRCLE DRIVE & HOSMER LANE ADA RAMP ELEVATION TABLE

POINT:	STATION	OFFSET	ELEVATION
W	309+85.27	14.23' LT	(643.81)
X	309+82.86	14.23' LT	643.88
Y	309+57.86	15.14' LT	643.80
Z	309+57.87	16.82' LT	643.81
AA	309+82.87	15.81' LT	643.87
AB	309+82.87	16.80' LT	643.88
AC	309+88.24	20.75' LT	(644.25)
AD	309+88.25	24.70' LT	(644.25)
AE	309+85.16	26.31' LT	643.82
AF	309+83.00	21.81' LT	643.85
AG	309+56.01	25.19' LT	643.78
AH	309+47.58	25.20' LT	643.47
AI	309+46.51	30.20' LT	643.39
AK	309+48.10	30.20' LT	643.40
AL	309+49.32	30.19' LT	643.41
AM	309+53.93	30.17' LT	643.71
AN	309+81.23	28.86' LT	643.85
AO	309+98.25	32.69' LT	643.78
AP	309+49.20	43.16' LT	(642.60)
AQ	309+52.45	55.14' LT	(642.44)
AR	309+55.95	55.21' LT	(642.55)



INNER CIRCLE DR

	W&J CONSTRUCTION, INC. 1000 W. 12th Street, Suite 100 Waukegan, IL 60087	USER NAME: _____ PROJECT NO.: _____ DATE: _____	DESIGNED: _____ DRAWN: _____ CHECKED: _____ DATE: _____	REVISIONS: 1. _____ 2. _____ 3. _____	PROJECT NO. 240145 SHEET 1 OF 2 SHEETS STA. TO STA.
	WATER MAIN REPLACEMENT INNER CIRCLE DRIVE & HOSMER LANE		ADA PLANS		COUNTY: WIL. DISTRICT: 68 SHEET: 22

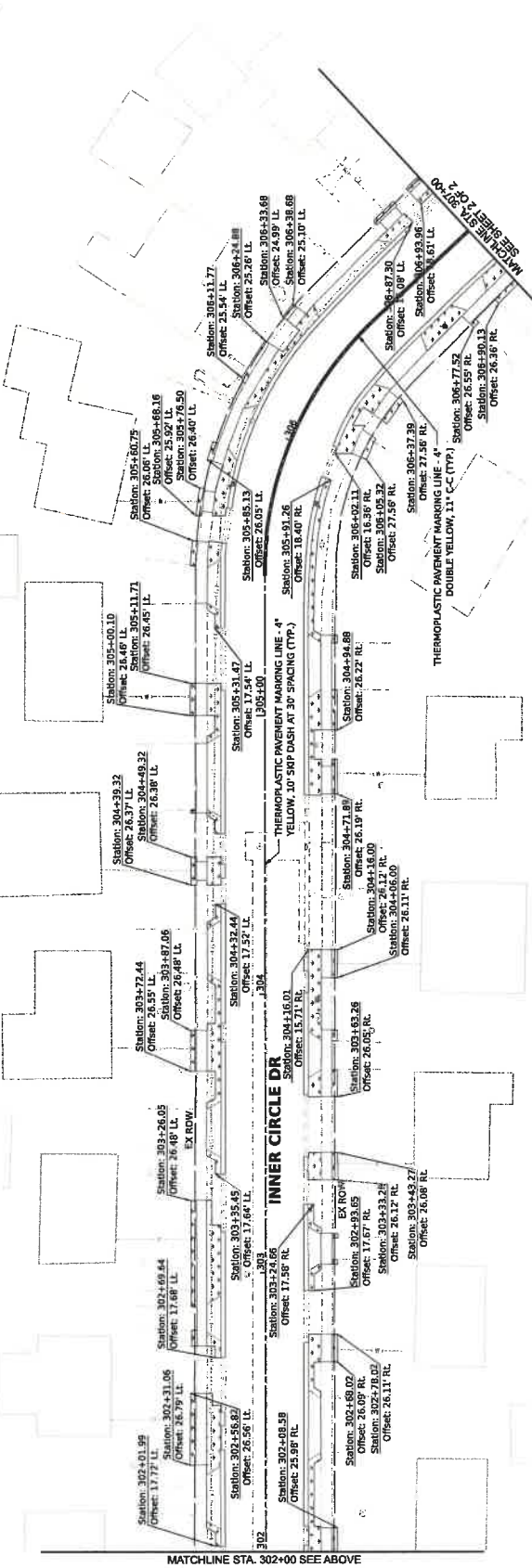
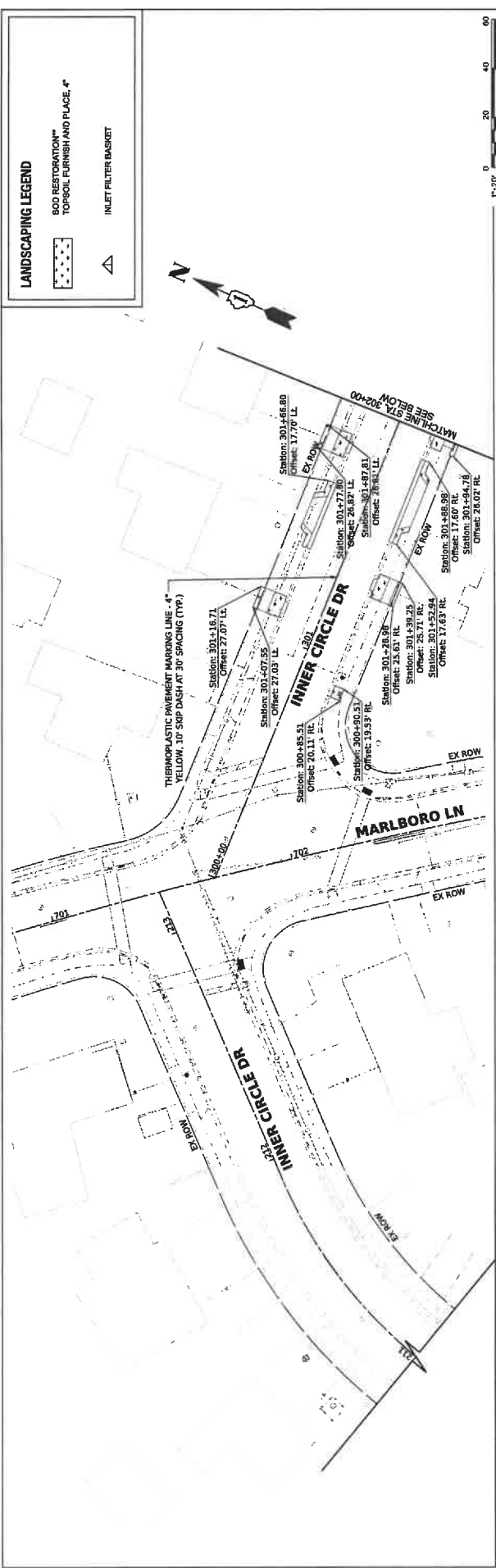
LANDSCAPING LEGEND

SOD RESTORATION™
TOPSOIL FURNISH AND PLACE 4"

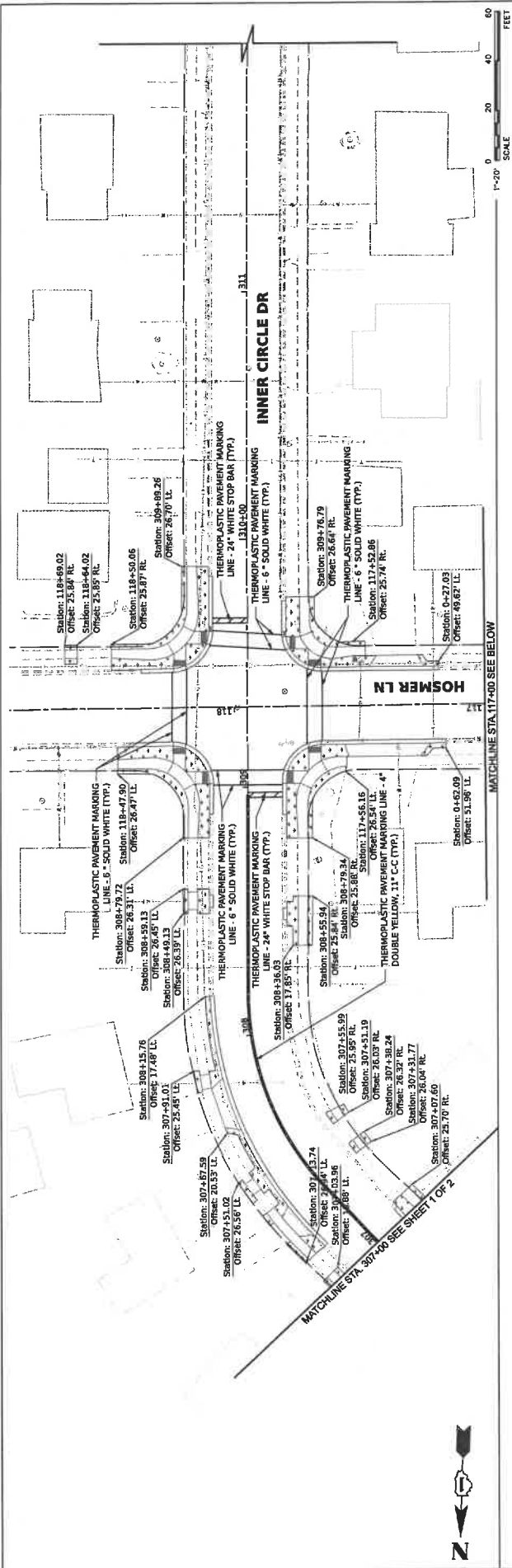
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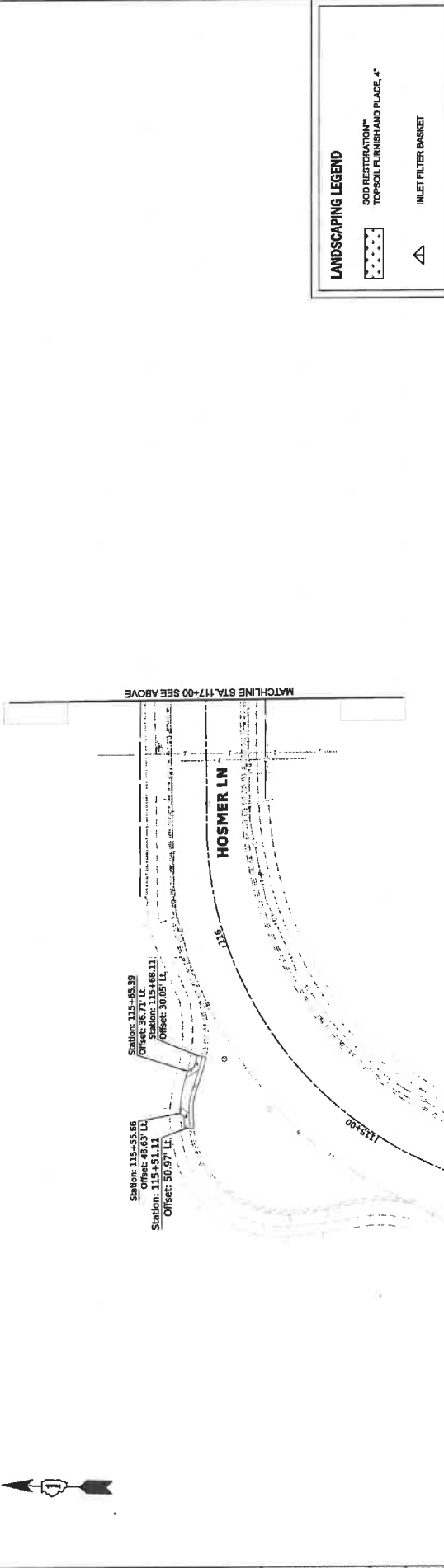
1"=20'
SCALE
0 20 40 60
FEET



	USER NAME: [] PROJECT NO.: [] PLOT DATE: []	DESIGNED: [] DRAWN: [] CHECKED: [] DATE: []	REVISIONS: 1. [] 2. [] 3. []	CREDIT: []	SCALE: 1"=20' SHEET 1 OF 2 SHEETS	COUNTY: [] W.L.L. NO.: [] PROJECT NO.: 240145
	WATER MAIN REPLACEMENT INNER CIRCLE DRIVE & HOSMER LANE			EROSION CONTROL AND PAVEMENT MARKING PLAN		TO STA. []



1"=20' SCALE
 0 20 40 60 FEET

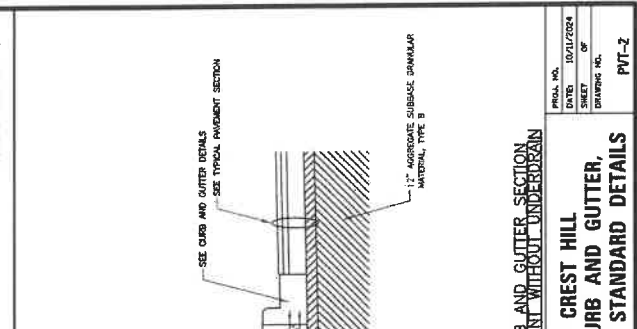
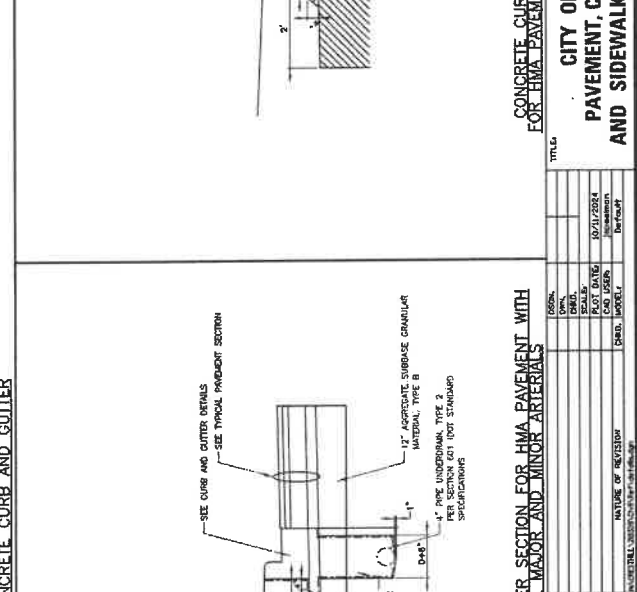
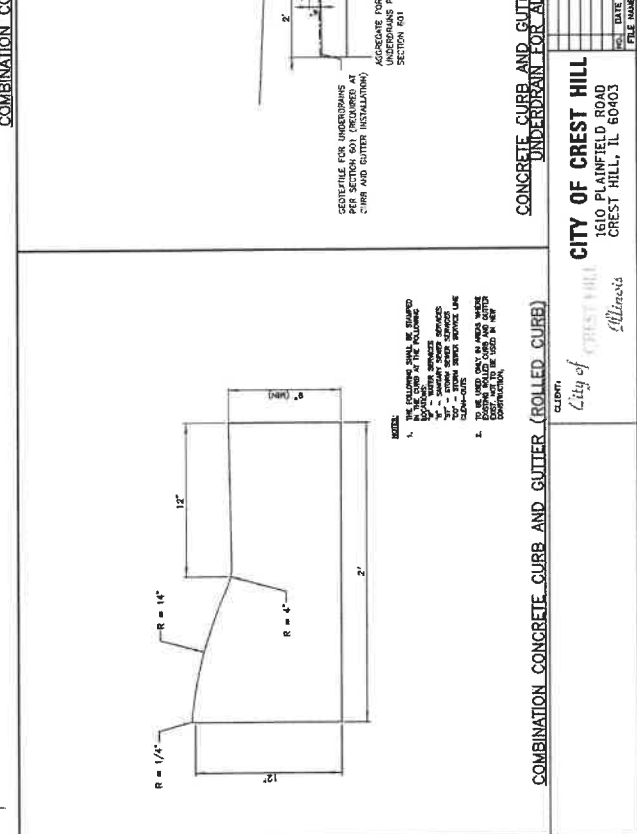
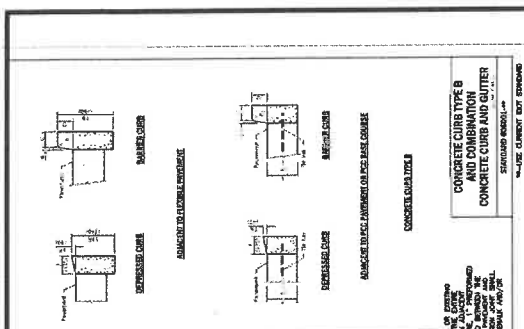
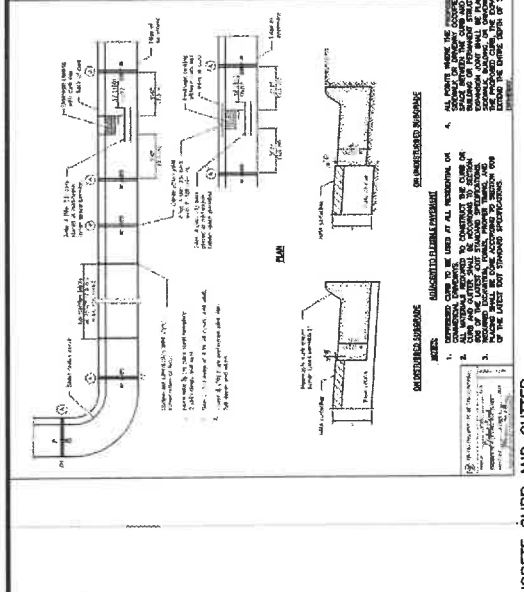
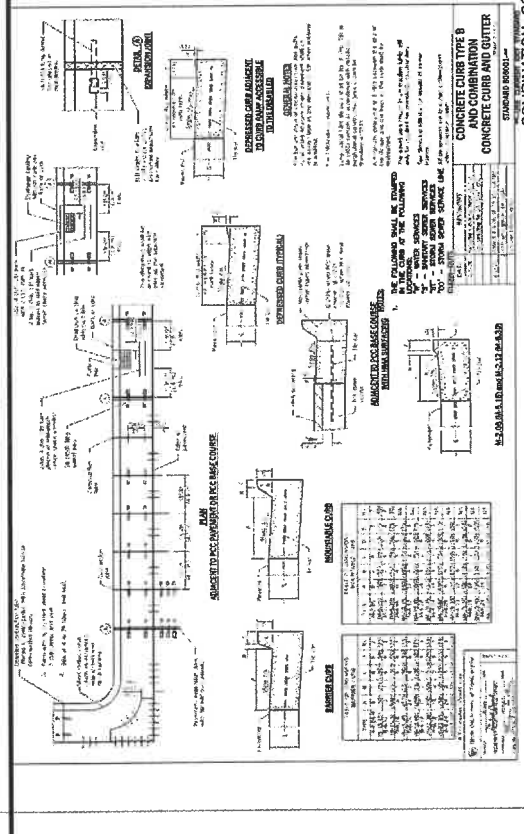


LANDSCAPING LEGEND

- SOD RESTORATION** TOPSOIL FURNISH AND PLACE, 4"
- INLET FILTER BASKET

	V3 Construction, Inc. 1111 North LaSalle Street, Suite 1000 Chicago, IL 60610 www.v3co.com		DESIGNED - DRAWN - CHECKED - DATE -	REVISIONS 1 2 3	CREDIT R/L CREDIT R/L CREDIT R/L	SCALE: 1"=20' SHEET 2 OF 2 ERS TO STA. 117+00.00	COUNTY: WILL. PROJECT NO. 240145	TOTAL SHEETS: 08 SHEETS: 08
	EROSION CONTROL AND PAVEMENT MARKING PLAN							

MODEL: DMSK
 FILE NAME: C:\Users\j... \Documents\240145\240145.dwg



DESIGNED	REVISION	DATE	BY
DRAWN	REVISION	DATE	BY
CHECKED	REVISION	DATE	BY
DATE	REVISION	DATE	BY

CITY OF CREST HILL
 1610 PLAINFIELD ROAD
 CREST HILL, IL 60403
 City of Crest Hill
 Illinois

DESIGNED	REVISION	DATE	BY
DRAWN	REVISION	DATE	BY
CHECKED	REVISION	DATE	BY
DATE	REVISION	DATE	BY

CITY OF CREST HILL
 1610 PLAINFIELD ROAD
 CREST HILL, IL 60403
 City of Crest Hill
 Illinois

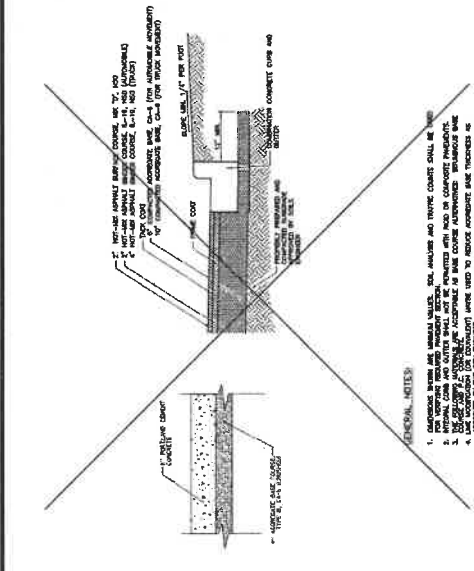
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DRAWN	REVISION	DATE	BY
CHECKED	REVISION	DATE	BY
DATE	REVISION	DATE	BY

CITY OF CREST HILL
 1610 PLAINFIELD ROAD
 CREST HILL, IL 60403
 City of Crest Hill
 Illinois

PROJECT NO. 240145
 SHEET 2 OF 20 SHEETS
 DETAILS
 WATER MAIN REPLACEMENT
 INNER CIRCLE DRIVE & HOSMER LANE
 CREST HILL, ILL.

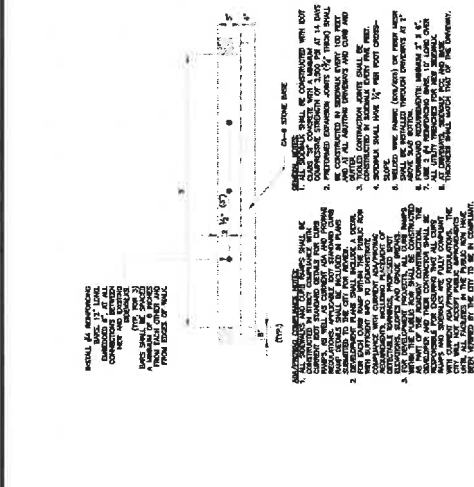
PROJECT NO. 240145
 SHEET 2 OF 20 SHEETS
 DETAILS
 WATER MAIN REPLACEMENT
 INNER CIRCLE DRIVE & HOSMER LANE
 CREST HILL, ILL.

PROJECT NO. 240145
 SHEET 2 OF 20 SHEETS
 DETAILS
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 INNER CIRCLE DRIVE & HOSMER LANE
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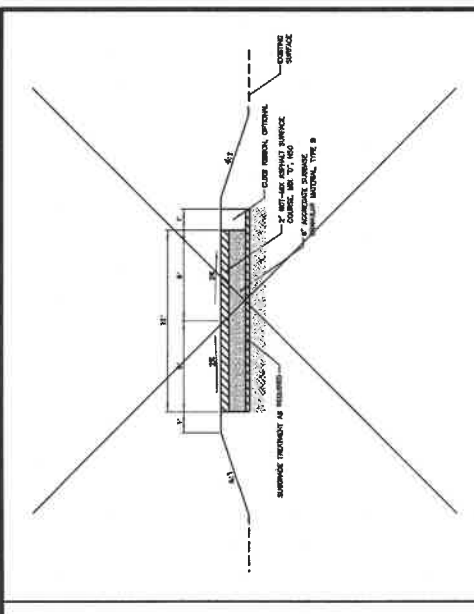
- GENERAL NOTES**
1. EXISTING CURB AND GUTTER SHALL BE MAINTAINED AND THERE SHALL BE NO CHANGES TO THE EXISTING CURB AND GUTTER.
 2. THE CONCRETE SHALL BE PLACED AT MID-DEPTH OF CURB AND GUTTER.
 3. THE CONCRETE SHALL BE PLACED AT MID-DEPTH OF CURB AND GUTTER.
 4. THE CONCRETE SHALL BE PLACED AT MID-DEPTH OF CURB AND GUTTER.

TYPICAL PARKING LOT PAVEMENT

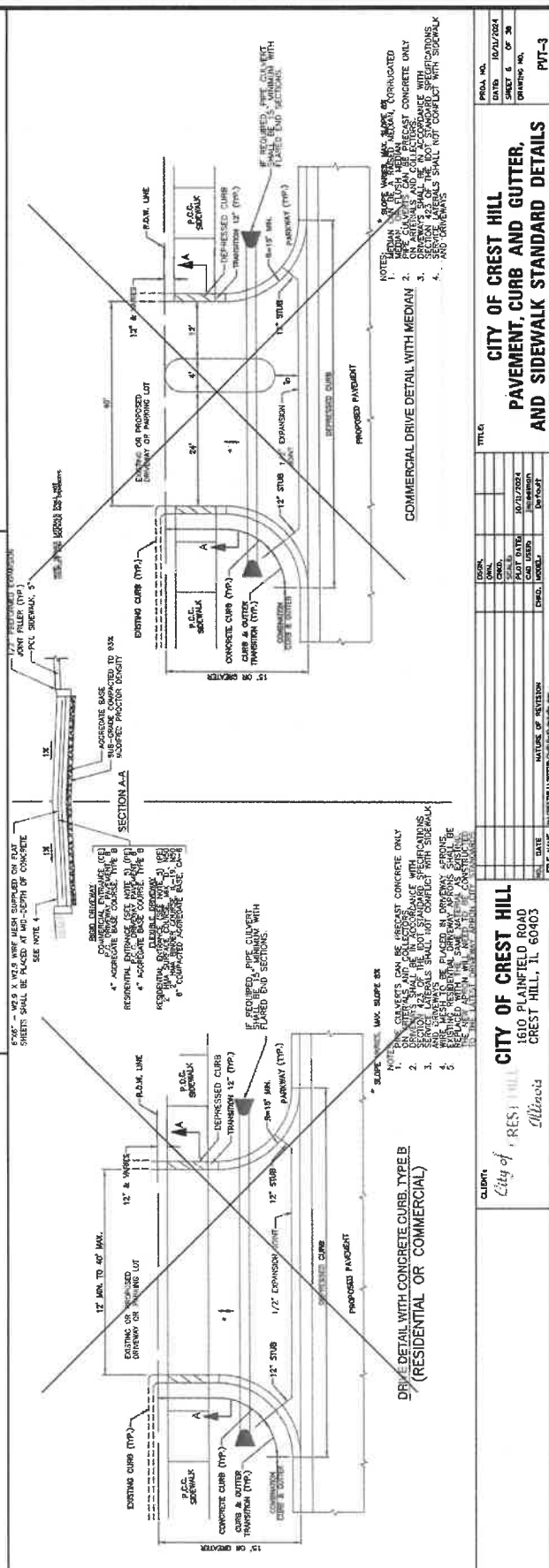


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 3. THE CONCRETE SHALL BE PLACED AT MID-DEPTH OF CURB AND GUTTER.
 4. THE CONCRETE SHALL BE PLACED AT MID-DEPTH OF CURB AND GUTTER.

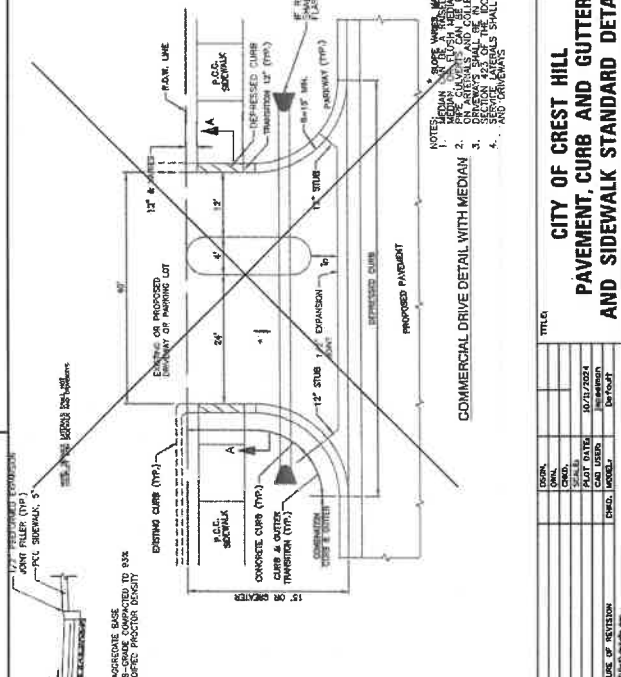
SIDEWALK



MULTI-USE PATH



DRIVE DETAIL WITH CONCRETE CURB, TYPE B (RESIDENTIAL OR COMMERCIAL)



COMMERCIAL DRIVE DETAIL WITH MEDIAN

- NOTES**
1. SLOPE WHERE MAX. SLOPE OR
 2. DRIVEWAYS SHALL BE IN ACCORDANCE WITH
 3. DRIVEWAYS SHALL BE IN ACCORDANCE WITH
 4. DRIVEWAYS SHALL BE IN ACCORDANCE WITH

CITY OF CREST HILL
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISIONS

NO.	DATE	DESCRIPTION

PROJ. NO. 1610/2024
DATES 10/27/2024
SHEET 3 OF 20
DRAWING NO. PJT-3

13

VS Consulting
1000 W. 11th St.
Peoria, IL 61604
309.696.3333

WATER MAIN REPLACEMENT
INNER CIRCLE DRIVE & HOSMER LANE

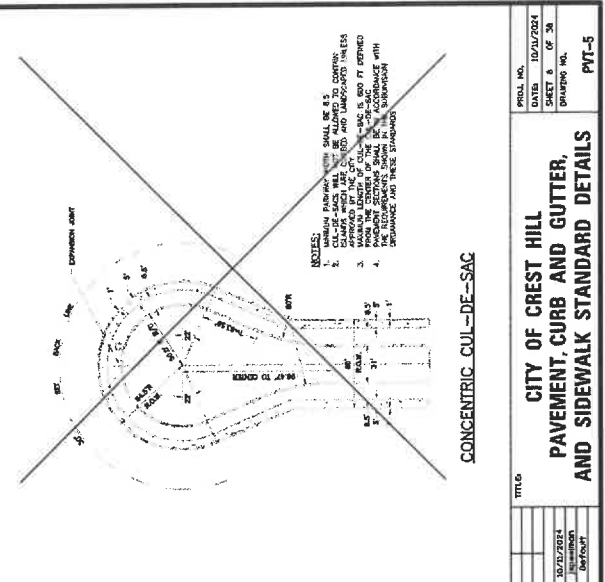
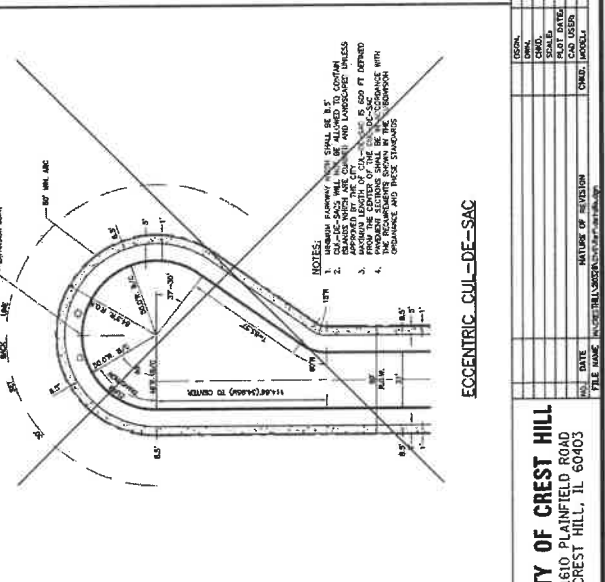
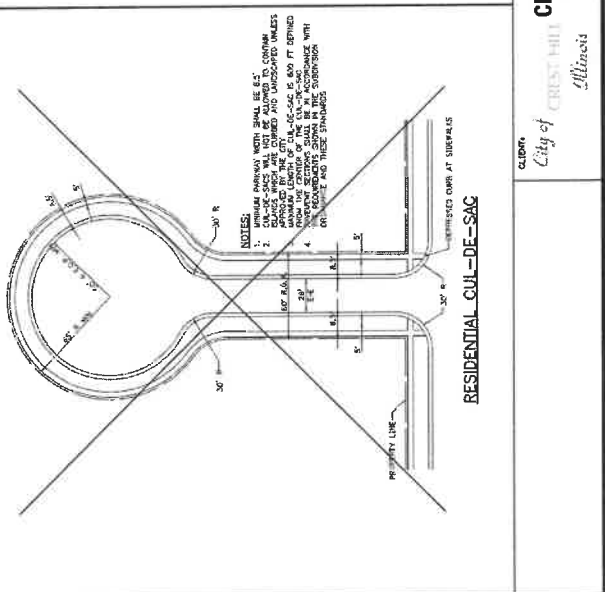
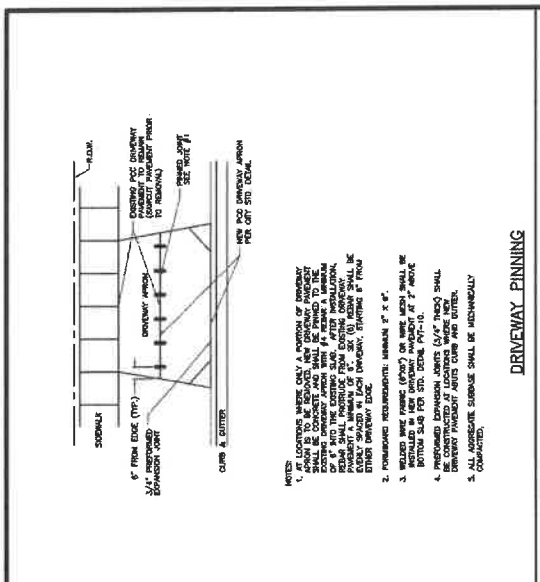
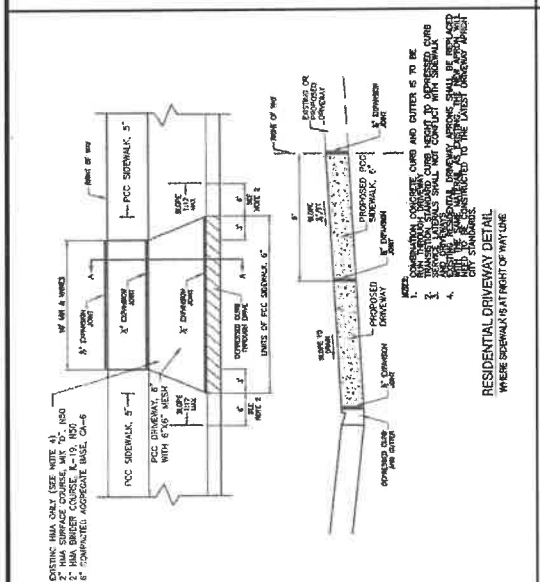
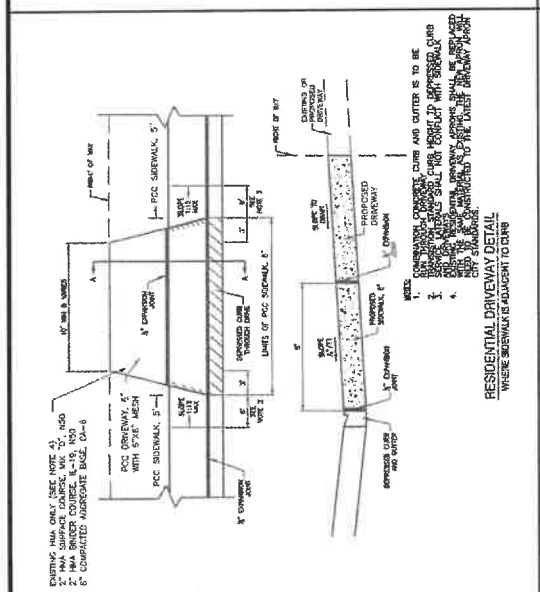
SCALE
AS SHOWN

SHEET 3 OF 20 SHEETS STA. TO STA.

DETAILS

COUNTY WILL

TOTAL SHEETS NO. 20
PROJECT NO. 240145



DESIGNER	DATE	PROJECT NO.	TITLE
CITY OF CREST HILL	10/17/2024	1610 PLAINFIELD ROAD	CITY OF CREST HILL
DESIGNED BY	DATE	PROJECT NO.	TITLE
DRAWN BY	DATE	PROJECT NO.	TITLE
CHECKED BY	DATE	PROJECT NO.	TITLE
DATE	DATE	PROJECT NO.	TITLE

13

City of Crest Hill
1610 Plainfield Road
Crest Hill, IL 60403

City of Crest Hill
Illinois

DESIGNED BY: [REVISIONS]

DRAWN BY: [REVISIONS]

CHECKED BY: [REVISIONS]

DATE: [REVISIONS]

FILE NAME: [REVISIONS]

PROJECT NO. 240145

COUNTY: WILL

TOTAL SHEET NO. 27

SHEET 4 OF 20

SCALE: [REVISIONS]

DATE: [REVISIONS]

PROJECT NO. 240145

GENERAL NOTE

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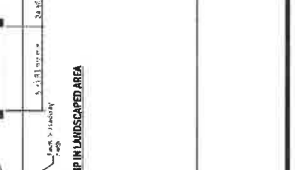
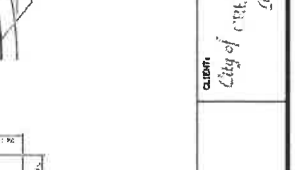
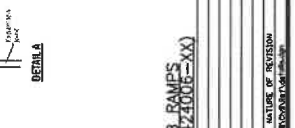
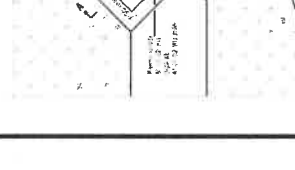
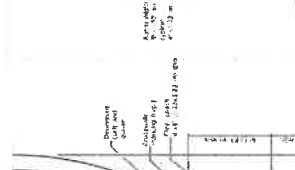
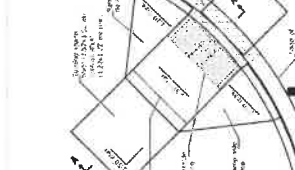
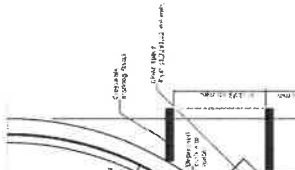
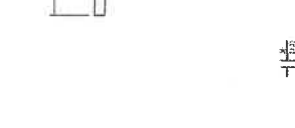
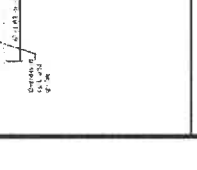
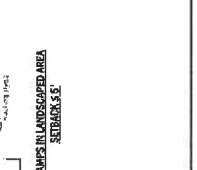
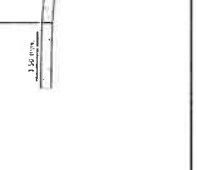
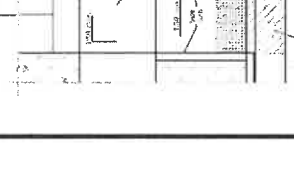
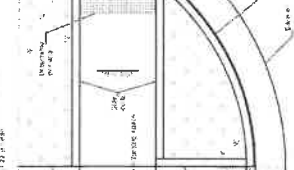
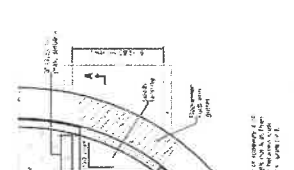
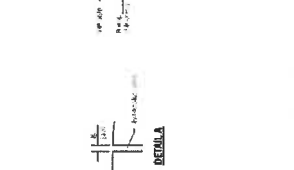
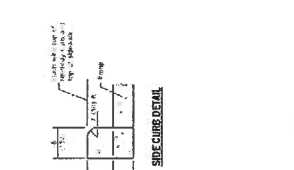
6. All work shall be in accordance with the City of Crest Hill Standard Specifications for Road and Bridge Construction, 2011 Edition.

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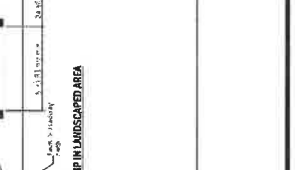
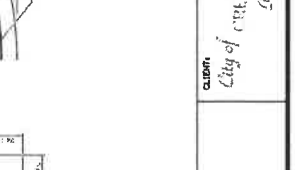
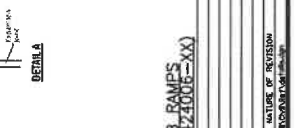
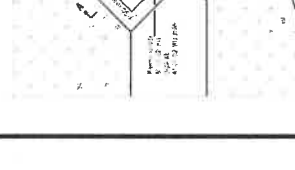
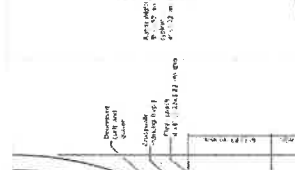
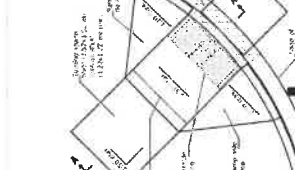
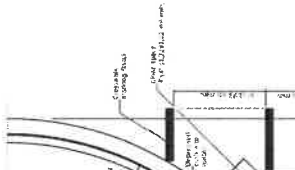
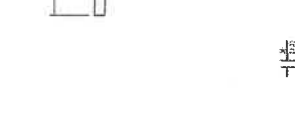
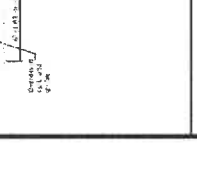
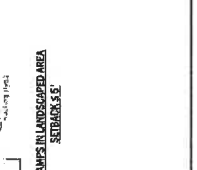
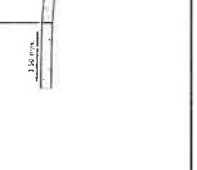
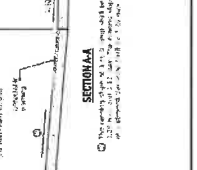
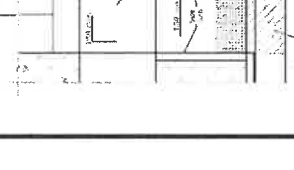
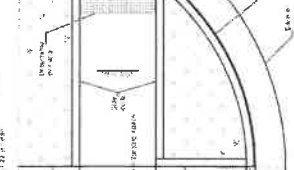
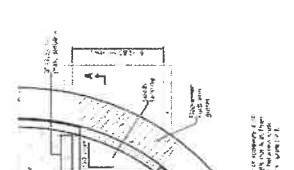
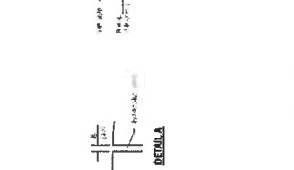
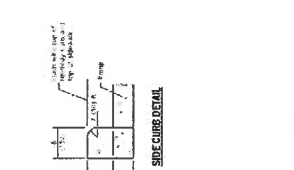
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DESIGNED - DRAWN - CHECKED - DATE -		REVISIONS - REVISION - REVISION - REVISION -	
USER NAME - PROJECT NAME - PROJECT NUMBER - PROJECT DATE -	PROJECT NUMBER - PROJECT DATE - PROJECT NAME -	SHEET 5 OF 20 SHEET 5 OF 20 SHEET 5 OF 20	SCALE L1:MOORE L1:MOORE L1:MOORE
WATER MAIN REPLACEMENT INNER CIRCLE DRIVE & HOSMER LANE		DETAILS	
CITY OF CREST HILL 1810 PLAINFIELD ROAD CREST HILL, IL 60403		PROJECT NO. 240145	

PERPENDICULAR CURB RAMP FOR SIDEWALKS (24"X12"X12")

DIAGONAL CURB RAMP FOR SIDEWALKS (24"X12"X12")

CITY OF CREST HILL
 1810 PLAINFIELD ROAD
 CREST HILL, IL 60403

PROJ. NO. 10/11/2024
DATE 3 OF 24
PRINTING NO. PVT-6

GENERAL NOTES

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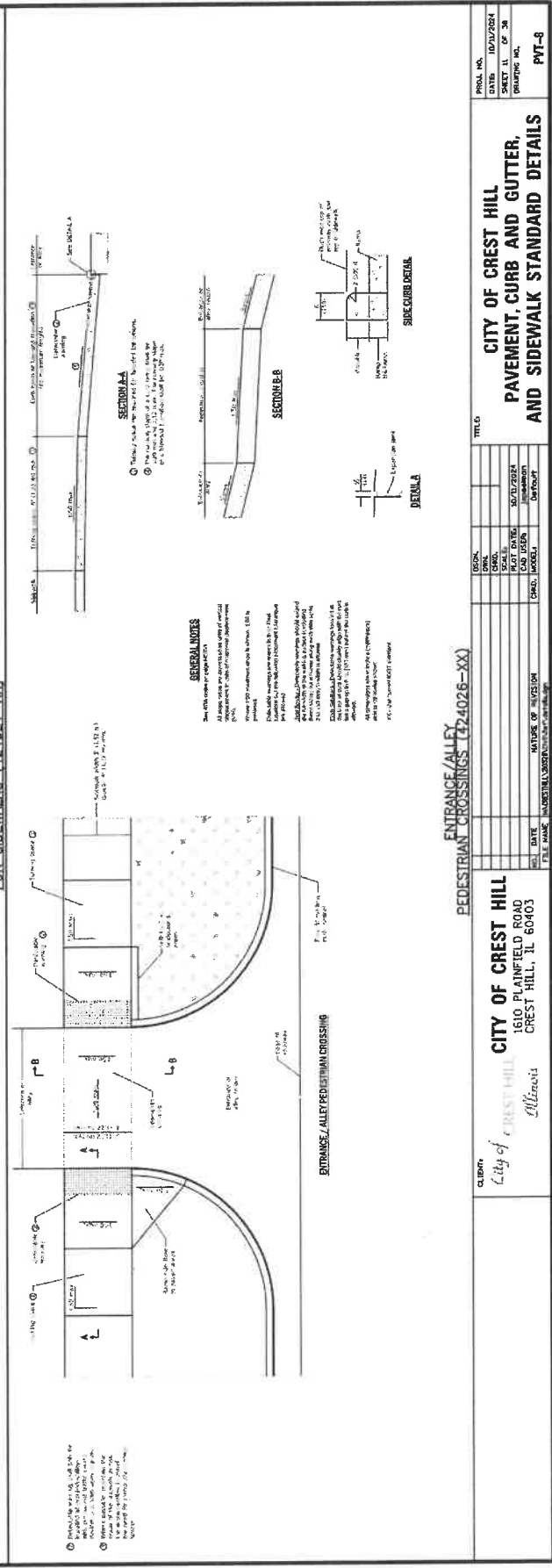
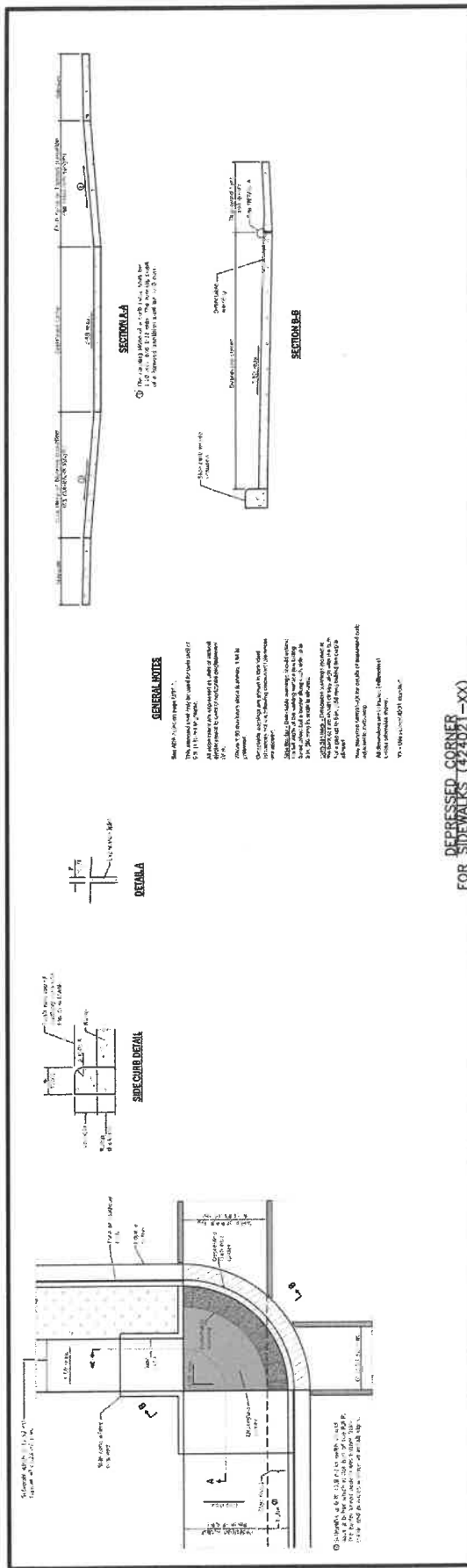
6. All work shall be in accordance with the City of Crest Hill Standard Specifications for Road and Bridge Construction, 2011 Edition.

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8. All work shall be in accordance with the City of Crest Hill Standard Specifications for Road and Bridge Construction, 2011 Edition.

9. All work shall be in accordance with the City of Crest Hill Standard Specifications for Road and Bridge Construction, 2011 Edition.

10. All work shall be in accordance with the City of Crest Hill Standard Specifications for Road and Bridge Construction, 2011 Edition.



DESIGNED - DRAWN - CHECKED - DATE -		REVISION - REVISION - REVISION - REVISION -	
DATE - DATE - DATE - DATE -		REVISION - REVISION - REVISION - REVISION -	
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DATE - DATE - DATE - DATE -		REVISION - REVISION - REVISION - REVISION -	

CLIENT: CITY OF CREST HILL
 1610 PLAINFIELD ROAD
 CREST HILL, IL 60403
 City of Crest Hill
 Illinois

PROJECT: WATER MAIN REPLACEMENT
 INNER CIRCLE DRIVE & HOSMER LANE
 CREST HILL

SCALE: 1" = 4'-0"

SHEET: 6 OF 20 SHEETS
STA: TO STA.

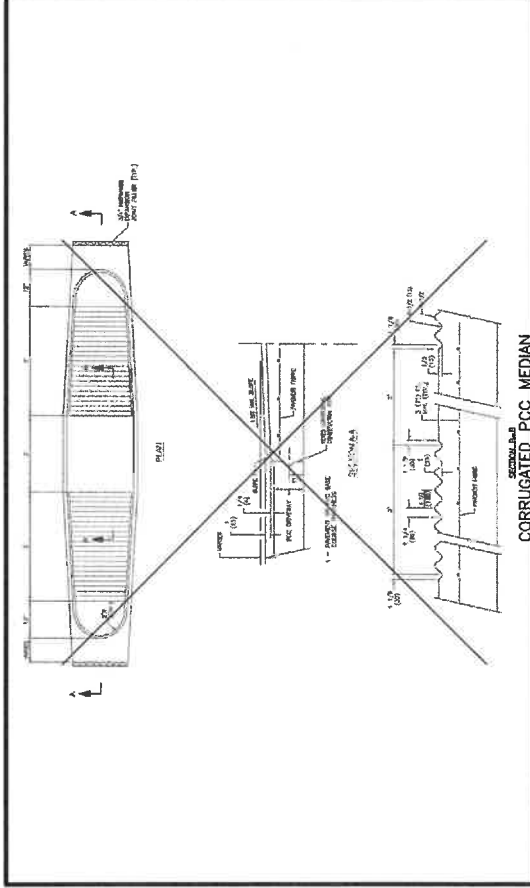
TITLE: CITY OF CREST HILL
 PAVEMENT, CURB AND GUTTER,
 AND SIDEWALK STANDARD DETAILS
 PVT-3

DATE: 10/22/2024
SCALE: 1" = 4'-0"
PROJECT: WATER MAIN REPLACEMENT
 INNER CIRCLE DRIVE & HOSMER LANE
 CREST HILL

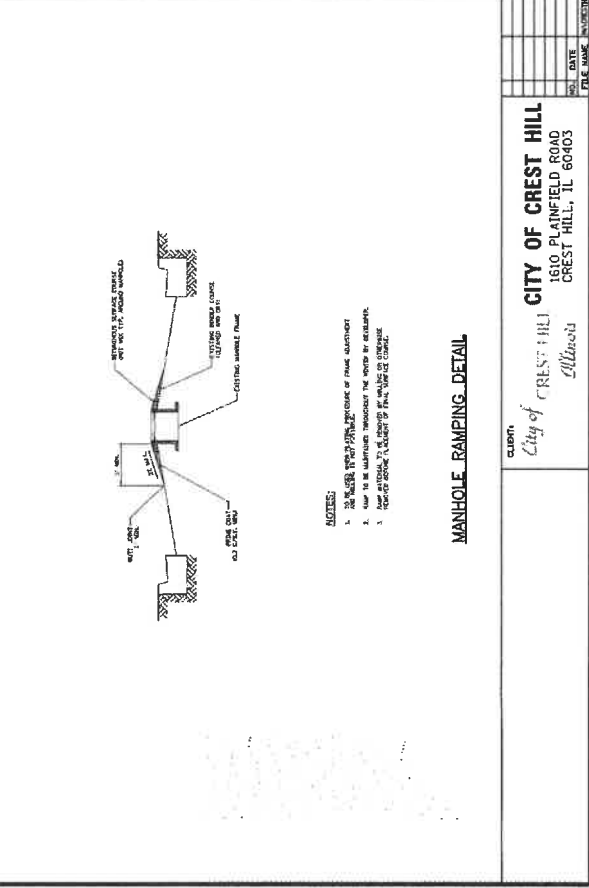
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DRAWN: [Name]
CHECKED: [Name]
DATE: [Date]

REVISION: [List of revisions]

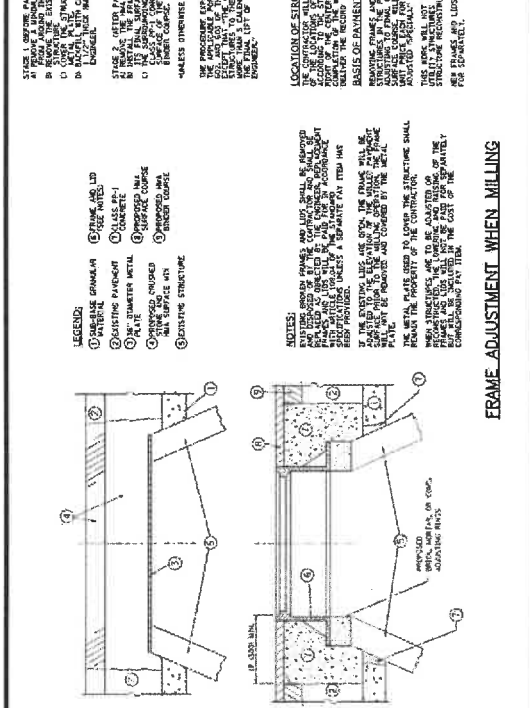
PROJECT NO.: 240145



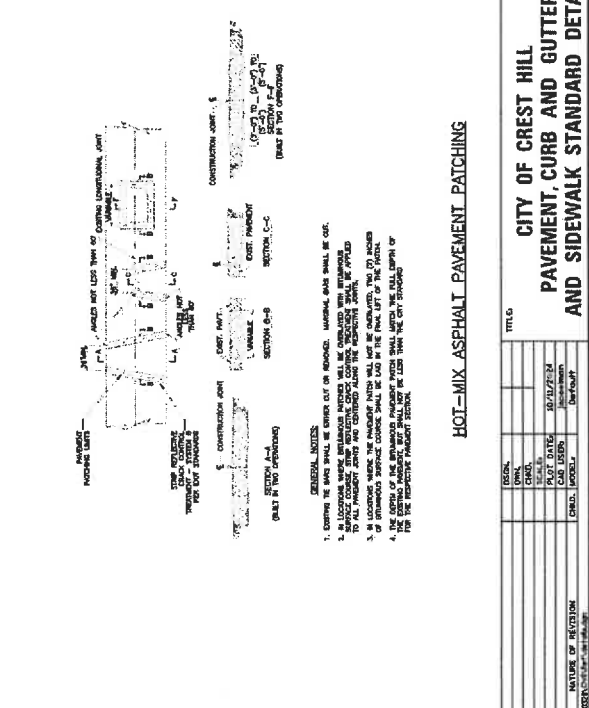
CORRUGATED PCC-MEDIAN



MANHOLE RAMMING DETAIL



FRAME ADJUSTMENT WHEN MILLING



HOT-MIX ASPHALT PAVEMENT PATCHING

STAGES OF PAVEMENT PATCHING
 A. PREPARE EXISTING PAVEMENT TO BE PATCHED
 B. REMOVE EXISTING PAVEMENT TO BE PATCHED
 C. PREPARE EXISTING PAVEMENT TO BE PATCHED
 D. PLACE PATCHING MATERIAL WITH A 3" SHANKED
 E. FINISH PATCHING MATERIAL TO BE PATCHED
 F. FINISH PATCHING MATERIAL TO BE PATCHED

GENERAL NOTES:
 1. PATCHING SHALL BE DONE IN TWO STAGES.
 2. PATCHING SHALL BE DONE IN TWO STAGES.
 3. PATCHING SHALL BE DONE IN TWO STAGES.
 4. PATCHING SHALL BE DONE IN TWO STAGES.
 5. PATCHING SHALL BE DONE IN TWO STAGES.

USER NAME	DESIGNED	REVISION	CITY OF CREST HILL
PLOT SCALE	DRAWN	REVISION	1810 PLAINFIELD ROAD
PLOT DATE	CHECKED	REVISION	CREST HILL, IL 60403
PLOT DATE	DATE	REVISION	CREST HILL
TITLE WATER MAIN REPLACEMENT INNER CIRCLE DRIVE & HOSMER LANE			
SCALE DETAILS			
SHEET 7 OF 20 SHEETS B7A TO B7A			

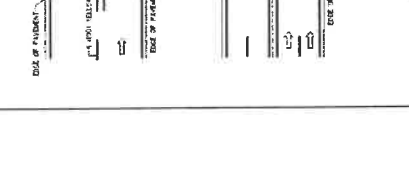
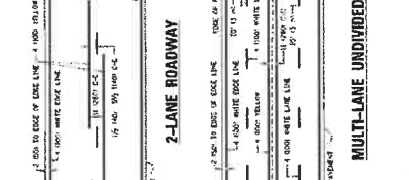
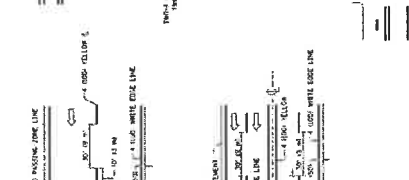
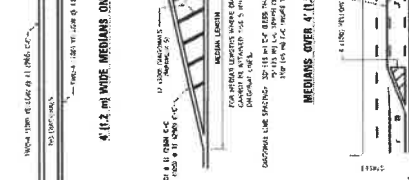
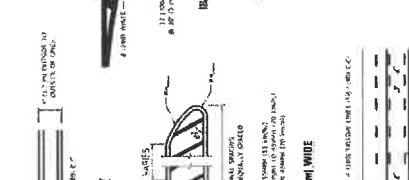
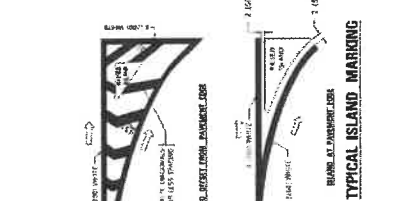
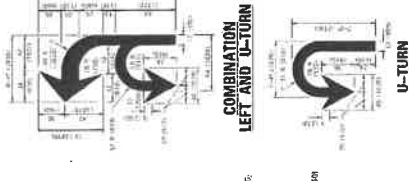
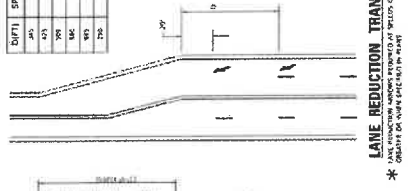

C3 Engineering, Inc.
 200 East 11th Street
 Des Moines, IA 50319
 Phone: 515.281.2222
 Fax: 515.281.2223
 Email: info@c3eng.com

PROJECT NO. 240145
 COUNTY WILL
 SHEET 13 OF 38
 DRAWING NO. PVT-10

DATE: 10/20/2024
 COUNTY: WILL
 SHEET: 13 OF 38
 DRAWING NO.: PVT-10

DIV1 SPEED LIMIT

35	40
45	50
55	60
65	70
75	80
85	90
95	100
105	110
115	120



TYPE OF MARKING	THICKNESS OF PAINT	METHOD OF APPLICATION	COLOR	PATTERN	SYMBOLS / REMARKS
STRIPING ON PAVED SURFACES	4.00	SOLID	YELLOW	SOLID	SEE TYPICAL LANE MARKING SCHEDULE
STRIPING ON GRAVEL SURFACES	4.00	SOLID	YELLOW	SOLID	SEE TYPICAL LANE MARKING SCHEDULE
STOP BARS	4.00	SOLID	WHITE	SOLID	SEE TYPICAL LANE MARKING SCHEDULE
STOP SIGNS	4.00	SOLID	WHITE	SOLID	SEE TYPICAL LANE MARKING SCHEDULE
STOP SIGNS	4.00	SOLID	WHITE	SOLID	SEE TYPICAL LANE MARKING SCHEDULE
STOP SIGNS	4.00	SOLID	WHITE	SOLID	SEE TYPICAL LANE MARKING SCHEDULE
STOP SIGNS	4.00	SOLID	WHITE	SOLID	SEE TYPICAL LANE MARKING SCHEDULE
STOP SIGNS	4.00	SOLID	WHITE	SOLID	SEE TYPICAL LANE MARKING SCHEDULE
STOP SIGNS	4.00	SOLID	WHITE	SOLID	SEE TYPICAL LANE MARKING SCHEDULE

MARKING	DISTRICT ONE	DISTRICT TWO	DISTRICT THREE
STOP BARS	1.5" WIDE	1.5" WIDE	1.5" WIDE
STOP SIGNS	1.5" WIDE	1.5" WIDE	1.5" WIDE
STOP SIGNS	1.5" WIDE	1.5" WIDE	1.5" WIDE
STOP SIGNS	1.5" WIDE	1.5" WIDE	1.5" WIDE
STOP SIGNS	1.5" WIDE	1.5" WIDE	1.5" WIDE
STOP SIGNS	1.5" WIDE	1.5" WIDE	1.5" WIDE

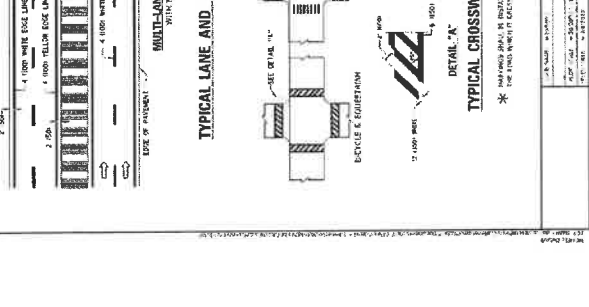
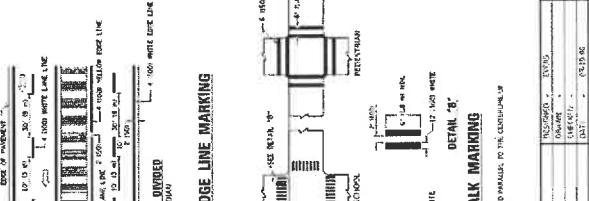
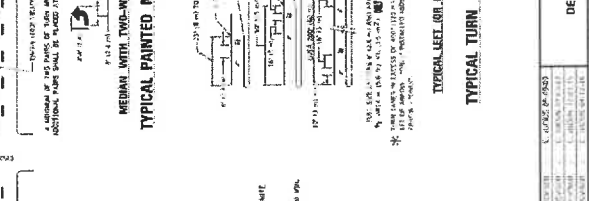
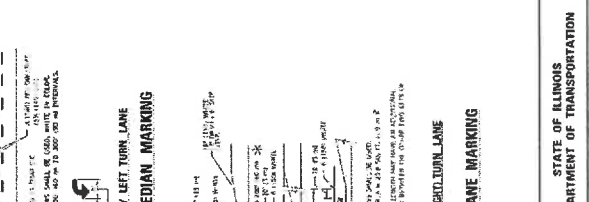
TYPICAL PAVEMENT MARKINGS

SCALE: 1" = 10' - 0"

DISTRICT ONE: 1.5" WIDE

DISTRICT TWO: 1.5" WIDE

DISTRICT THREE: 1.5" WIDE



CITY OF CREST HILL
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

WATER MAIN REPLACEMENT
INNER CIRCLE DRIVE & HOSMER LANECREST HILL

DETAILED
SHEET 6 OF 20 SHEETS

SCALE
AS SHOWN

TITLE
PAVEMENT MARKINGS

DATE
12/11/14

REVISIONS

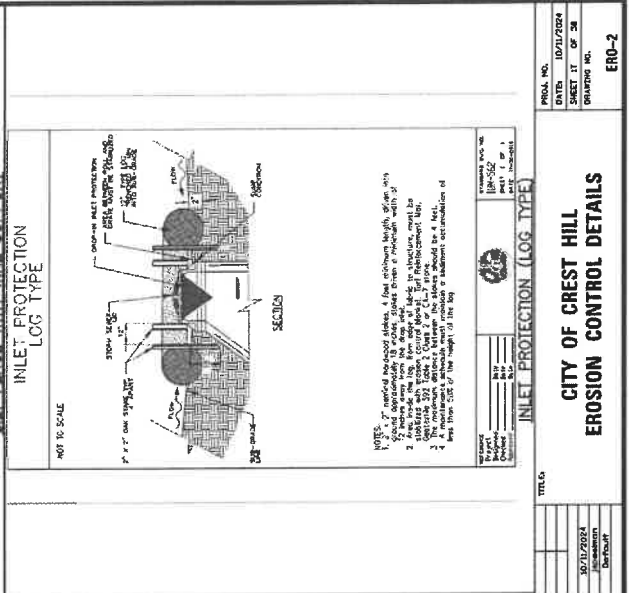
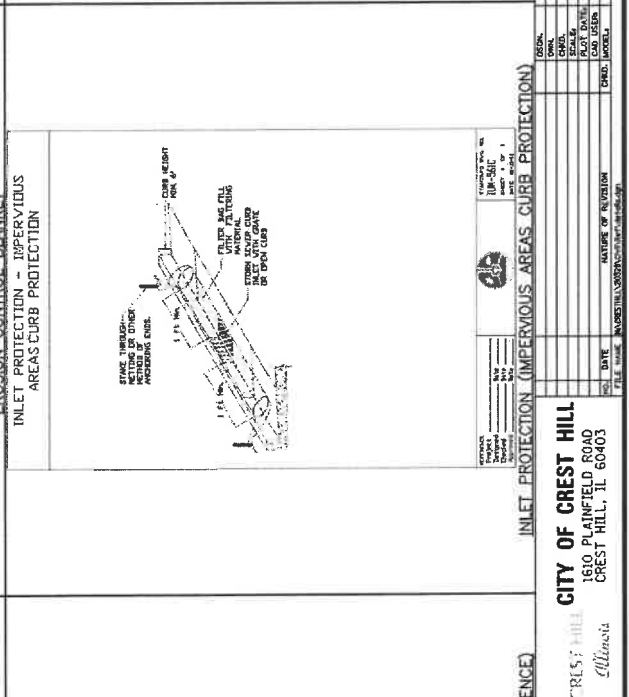
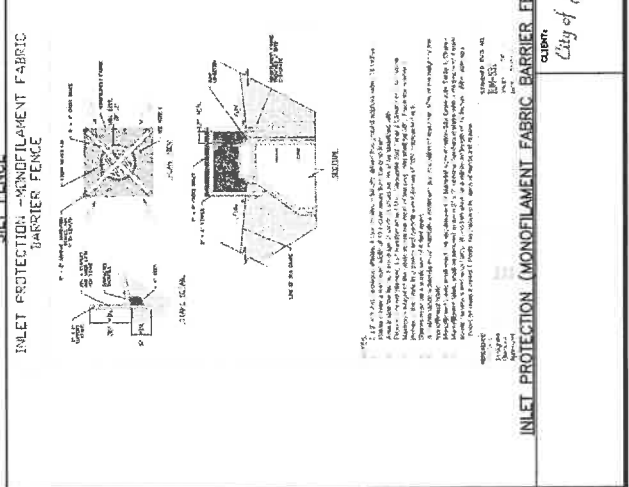
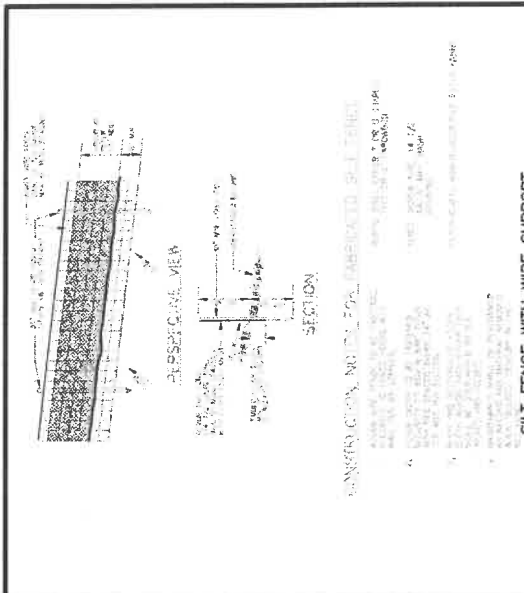
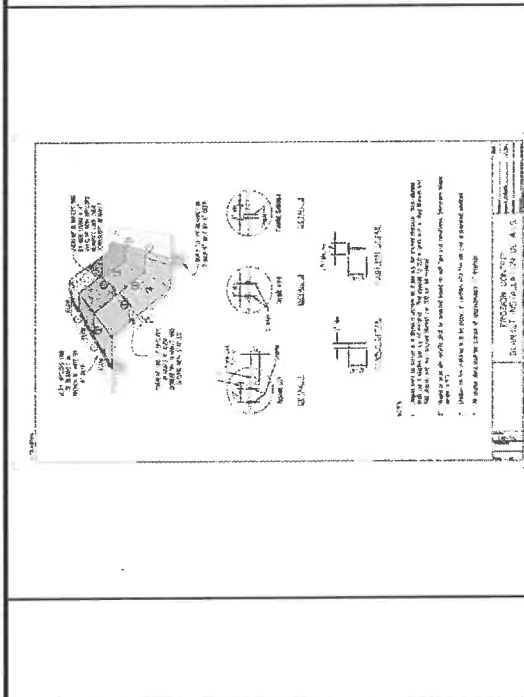
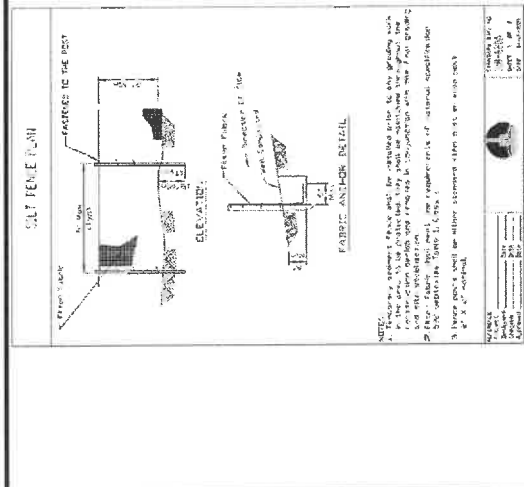
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DESIGNED BY: [NAME]
DRAWN BY: [NAME]
CHECKED BY: [NAME]
DATE: 12/11/14

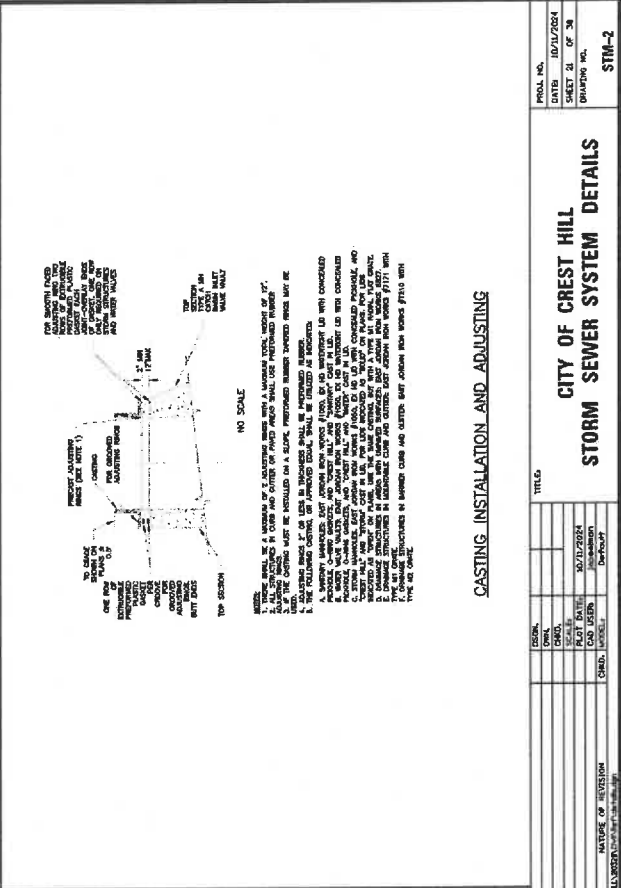
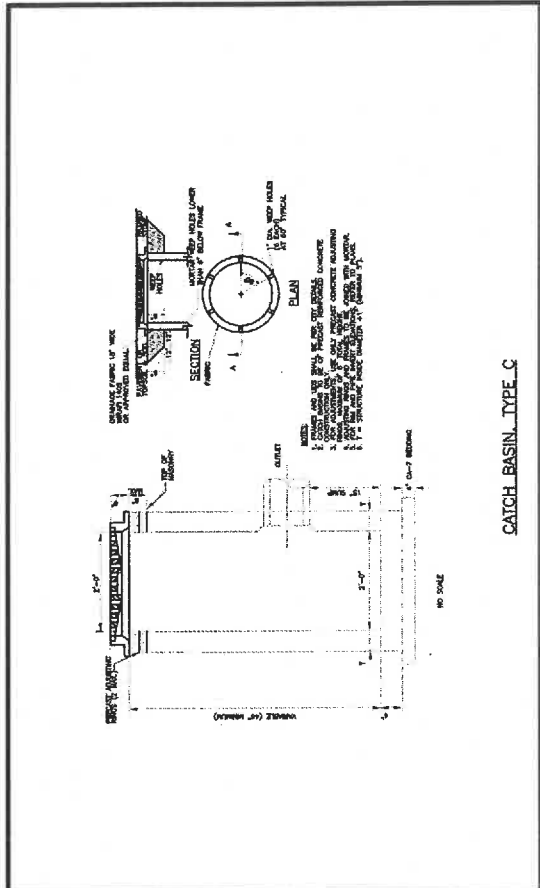
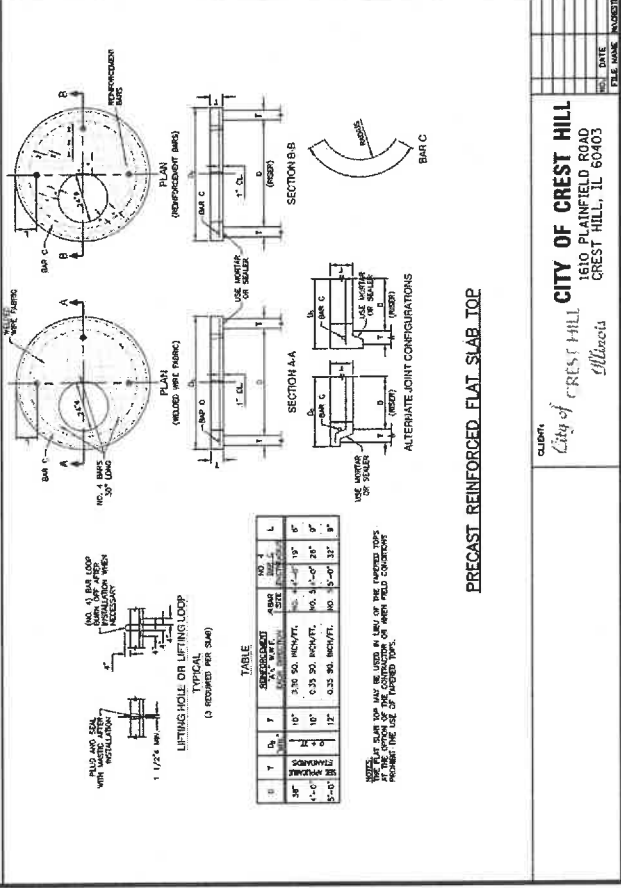
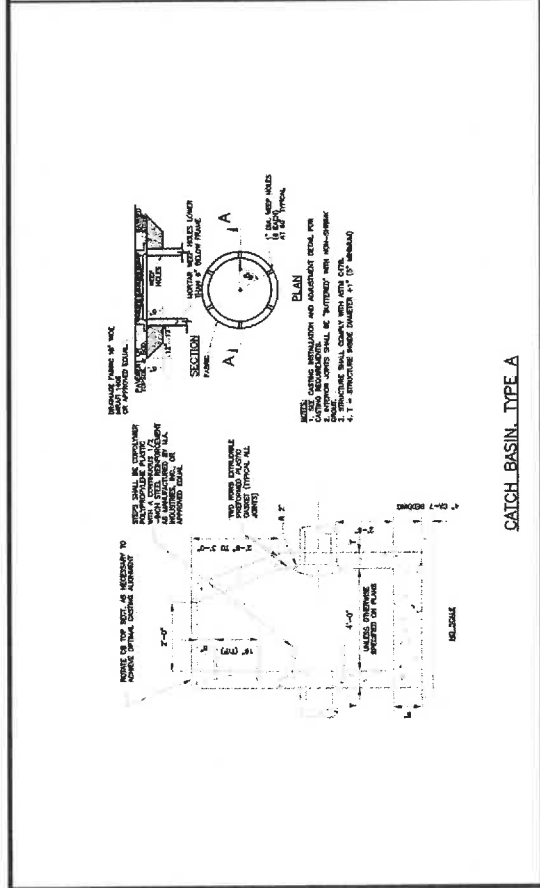
PROJECT NO.: 249145

COUNTY: WILL
SHEET: 6
OF: 20

TOTAL SHEETS: 20



US Companies 13 13100 N. 13th Woodridge, IL 60553 www.uscomp.com	DESIGNED - DRAWN - CHECKED - DATE -	REVISIONS 1 2 3 4	CITY OF CREST HILL 1610 PLAINFIELD ROAD CREST HILL, IL 60403	TITLE WATER MAIN REPLACEMENT INNER CIRCLE DRIVE & HOSMER LANE	SCALE AS SHOWN	SHEET 13 OF 30	TO STA. TO STA.	COUNTY WILL SHEET NO. 08 TOTAL SHEETS 30 PROJECT NO. 240145
	PROJECT NO. 1510000 SHEET NO. 13 OF 30	CITY OF CREST HILL 1610 PLAINFIELD ROAD CREST HILL, IL 60403	TITLE WATER MAIN REPLACEMENT INNER CIRCLE DRIVE & HOSMER LANE	SCALE AS SHOWN	SHEET 13 OF 30	TO STA. TO STA.	COUNTY WILL SHEET NO. 08 TOTAL SHEETS 30 PROJECT NO. 240145	



**CITY OF CREST HILL
STORM SEWER SYSTEM DETAILS**

CASTING INSTALLATION AND ADJUSTING

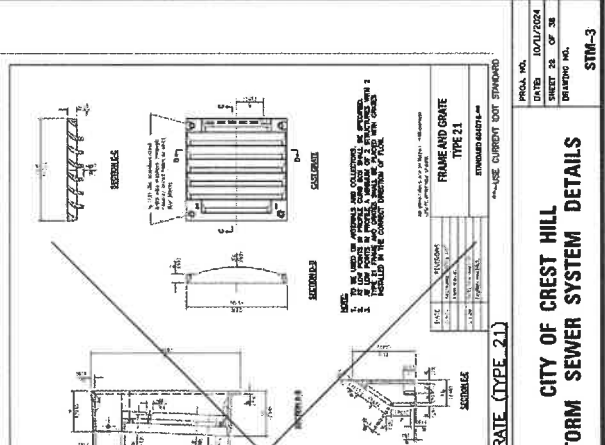
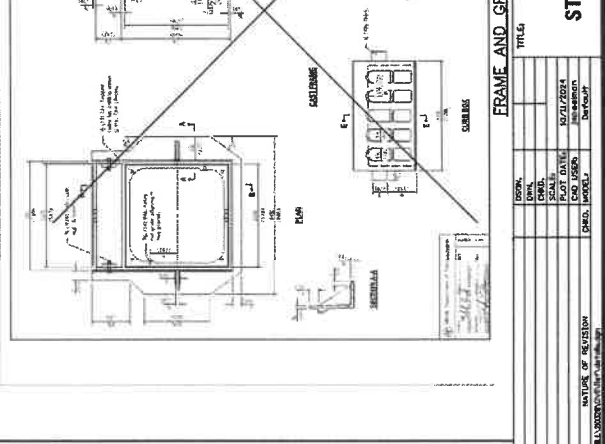
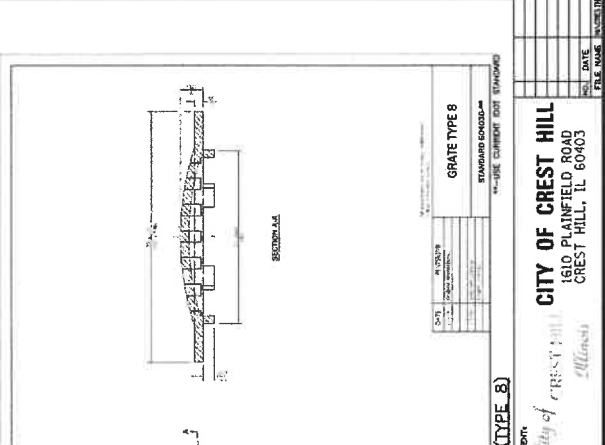
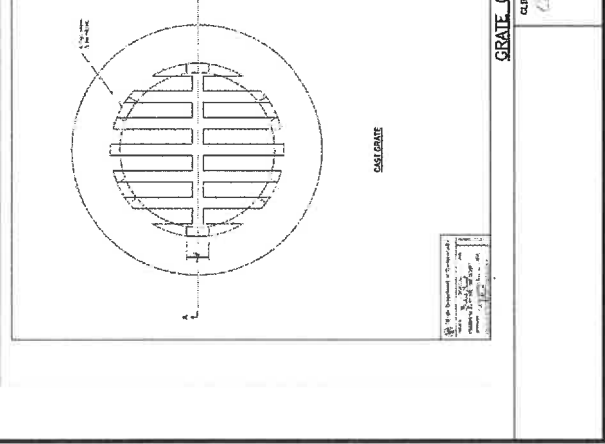
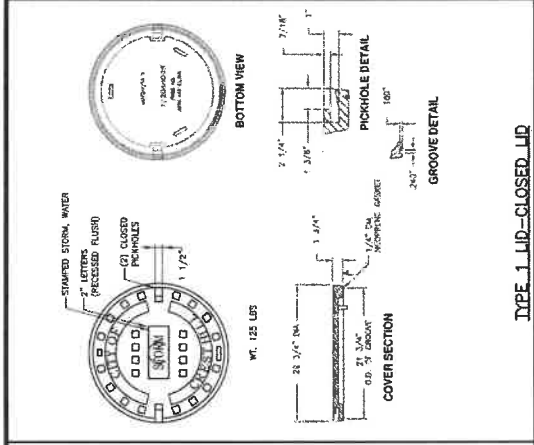
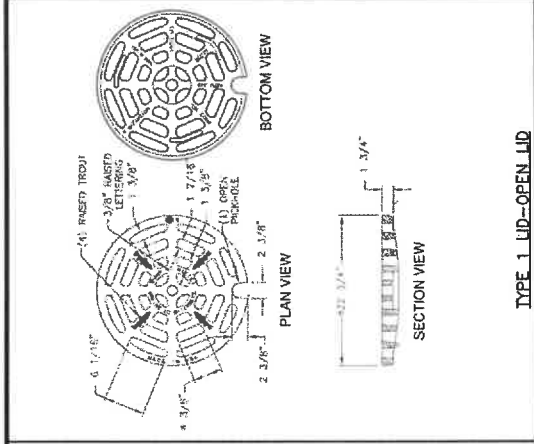
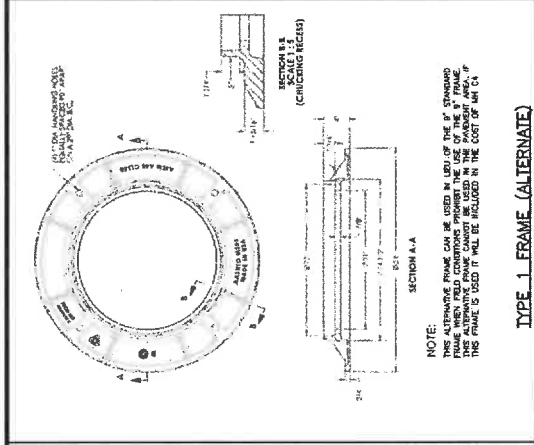
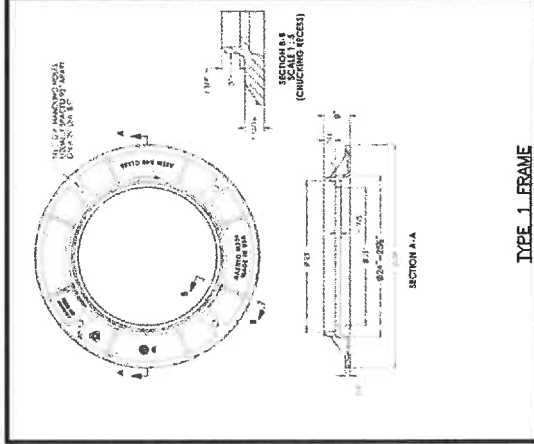
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<table border="1"> <tr><td>NO.</td><td>DATE</td><td>REVISION</td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>		NO.	DATE	REVISION										<table border="1"> <tr><td>NO.</td><td>DATE</td><td>REVISION</td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	NO.	DATE	REVISION																					
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**WATER MAIN REPLACEMENT
INNER CIRCLE DRIVE & HOSMER LANE**

**CITY OF CREST HILL
1610 PLAINFIELD ROAD
CREST HILL, IL 60403**

PROJECT NO. 240145

SHEET 12 OF 20 SHEETS STA. TO STA.



DESIGNED - DRAWN - CHECKED - DATE -	REVISIONS 1 2 3	CITY OF CREST HILL 1610 PLAINFIELD ROAD CREST HILL, IL 60403	CLIENT City of Crest Hill	GRATE (TYPE B) FRAME AND GRATE (TYPE 2)	TITLE	DRAWN: [] CHECKED: [] DATE: []	PROJECT NO. 240146
						DESIGNED: [] DRAWN: [] CHECKED: [] DATE: []	SHEET 13 OF 20



V.I. Construction, Inc.
 1000 Westinghouse Blvd.
 Westinghouse, IL 60521
 www.vicorp.com

USER NAME: *****
 PLOT SCALE: 1"=100'
 PLOT DATE: 01/10/08

DESIGNED: -
 CHECKED: -
 DATE: -

REVISIONS:
 REVISION: -
 REVISION: -
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REVISIONS:
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 REVISION: -

WATER MAIN REPLACEMENT
 INNER CIRCLE DRIVE & HOSMER LANE
 CREST HILL

LINDS
 SCALE: SHEET 14 OF 30 SHEETS STA. TO STA.

COUNTY: WILL
 PROJECT NO. 240145

TOTAL SHEET NO. 30
 SHEETS 18

COUNTY: WALL
 TOTAL SHEET NO: 09 OF 38
 PROJECT NO. 240146

SHEET 18 OF 20 SHEETS
 DETAILS
 TO STA.

SCALE
 LINES

**WATER MAIN REPLACEMENT
 INNER CIRCLE DRIVE & HOSMER LANE**
 CREST HILL

DESIGNED - REVISED -
 DRAWN - REVISED -
 CHECKED - REVISED -
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 DATE - REVISED -



COUNTY SHEET NO.
WILL 08 30
PROJECT NO. 240145

DETAILS
SHEET 18 OF 20 SHEETS STA. TO STA.

SCALE
LUNCH
WATER MAIN REPLACEMENT
INNER CIRCLE DRIVE & HOSMER LANE
CREST HILL

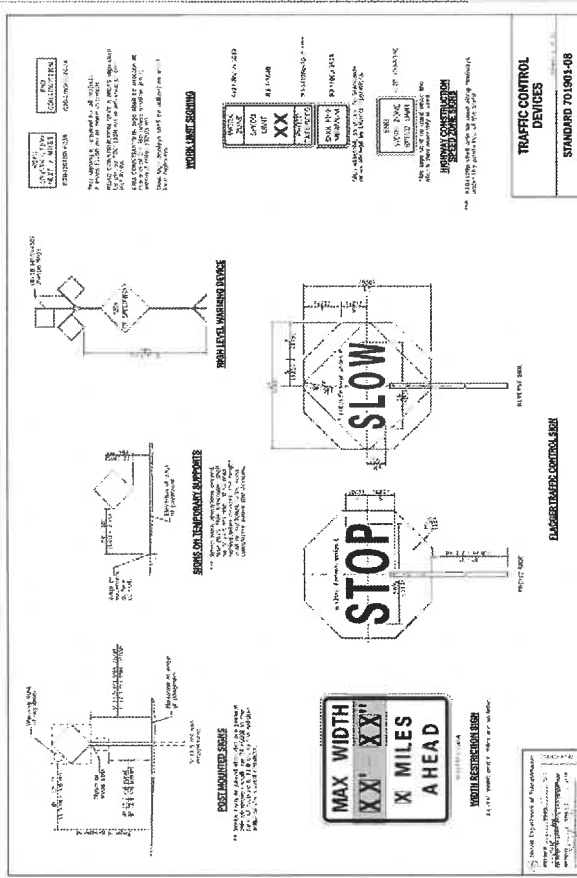
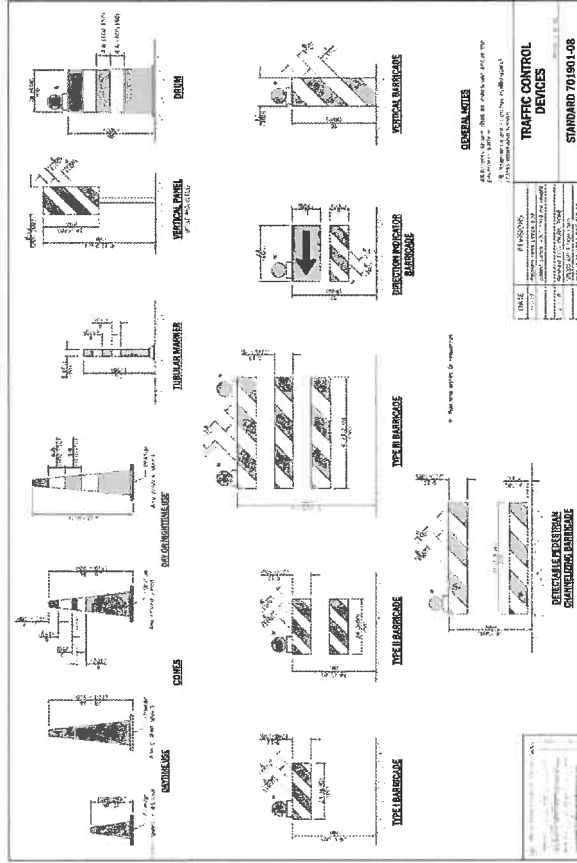
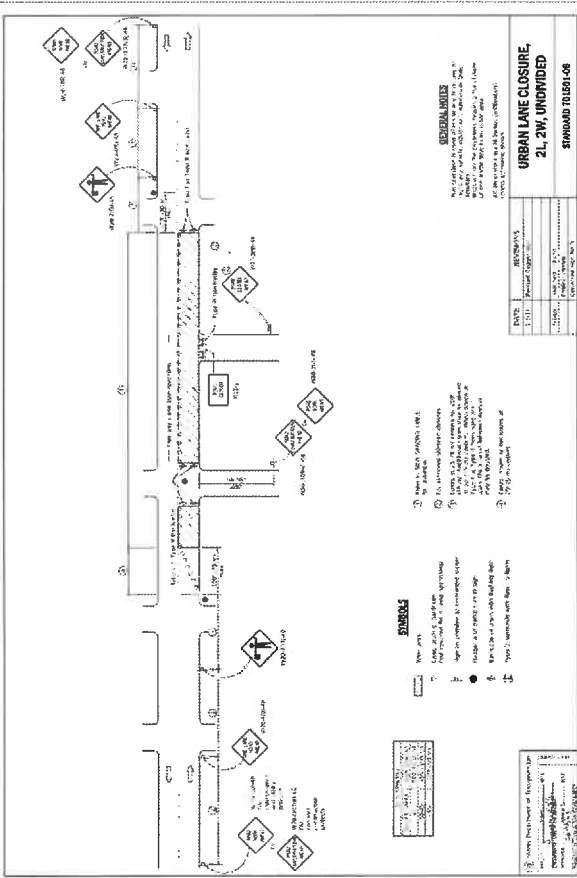
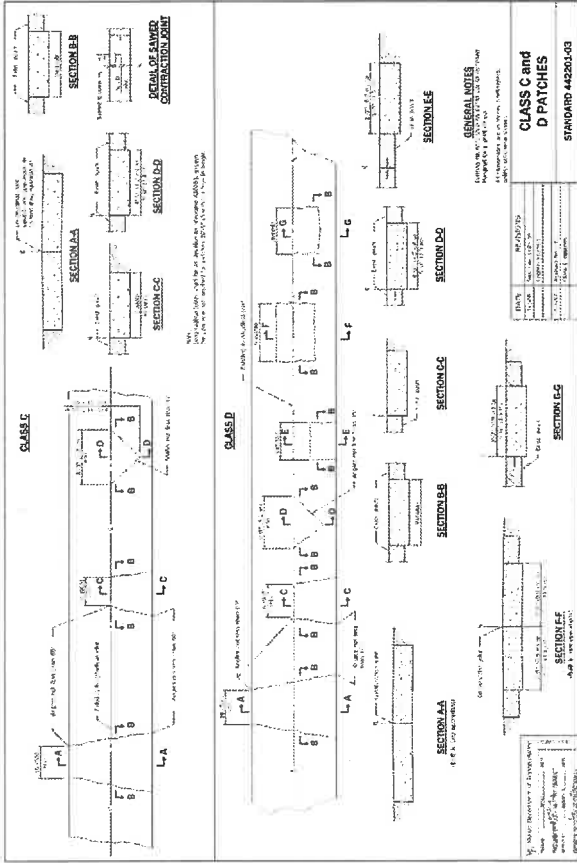
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DRAWN -
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PROJECT NAME -
PROJECT NO. -
DATE -

V3
V3 Corporation
1111 West 11th Street
Chicago, IL 60605
www.v3corp.com

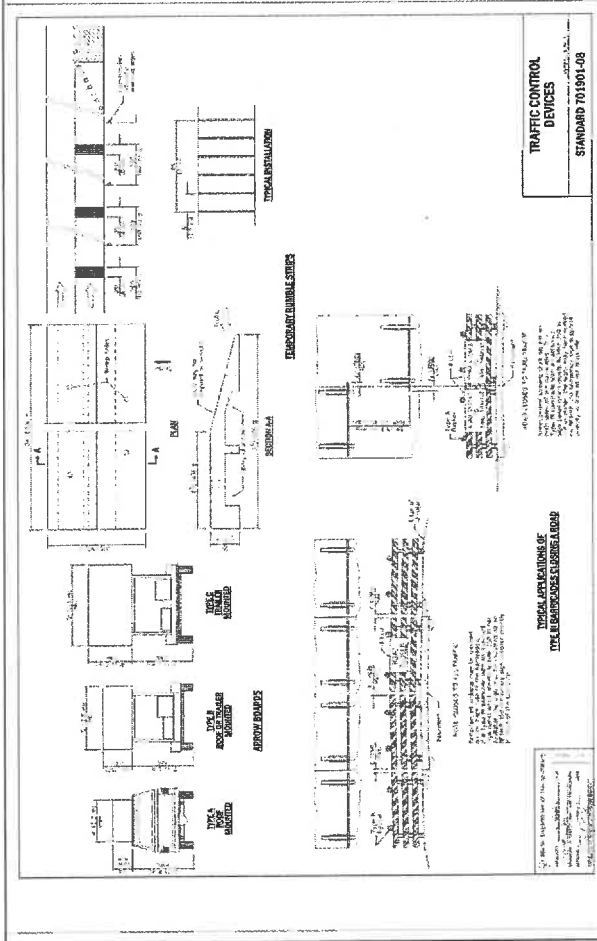
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COUNTY: WIL SHEET NO.: 08 PROJECT NO.: 240145	SHEET 17 OF 20 SHEET: STA. TO STA.	CLASS: SCALE:	DETAILS	COUNTY: WIL SHEET NO.: 08 PROJECT NO.: 240145
				WATER MAIN REPLACEMENT INNER CIRCLE DRIVE & HOSMER LANE CREST HILL

DESIGNED BY: [Name] DRAWN BY: [Name] CHECKED BY: [Name] DATE: [Date]	REVISIONS: <table border="1"> <tr><td>REVISION</td><td>DATE</td><td>DESCRIPTION</td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	REVISION	DATE	DESCRIPTION									
REVISION	DATE	DESCRIPTION											





COUNTY	WILL	TOTAL SHEETS	41
PROJECT NO.	246145		

DETAILS

SHEET 18 OF 29 SHEETS STA. TO STA.

SCALE:

BLANDS

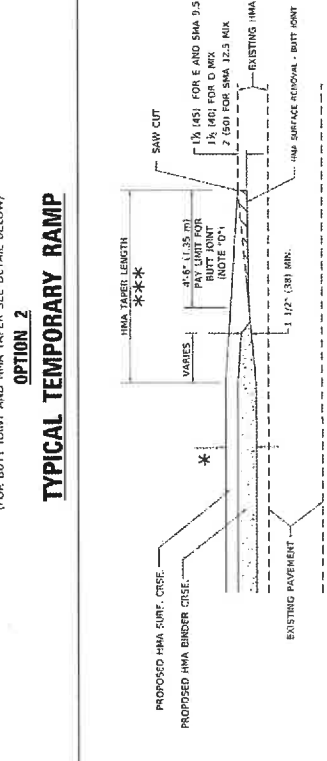
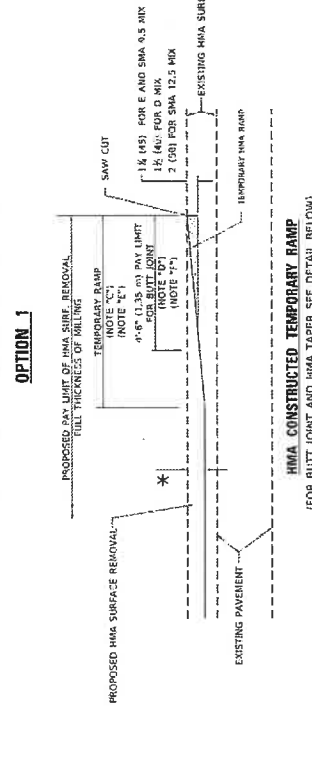
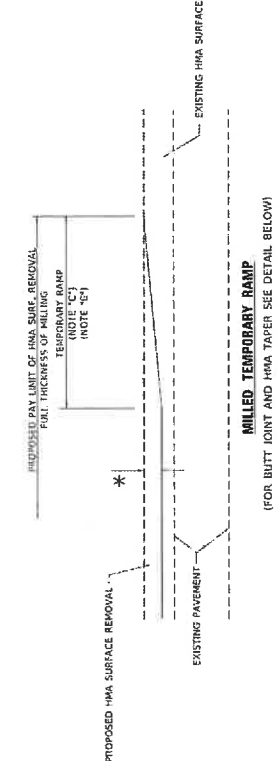
WATER MAIN REPLACEMENT
INNER CIRCLE DRIVE & HOSMER LANE

CREDIT: M.L.

DESIGNED	REVISION	REVISION	REVISION	REVISION
DRAWN	REVISION	REVISION	REVISION	REVISION
CHECKED	REVISION	REVISION	REVISION	REVISION
DATE	REVISION	REVISION	REVISION	REVISION

3

V3 Consulting
1000 West 10th Street
Wichita, KS 67203
913.833.8888
www.v3consulting.com



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

SEE ARTICLE 400.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF THE ILLINOIS HIGHWAY SYSTEM FOR THE PROPOSED HMA SURFACE REMOVAL BUTT JOINT.

1. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL BUTT JOINT.

2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL BUTT JOINT.

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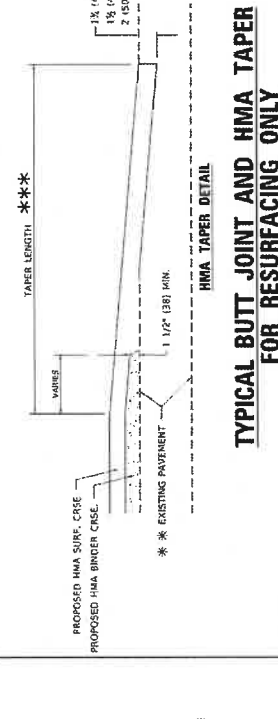
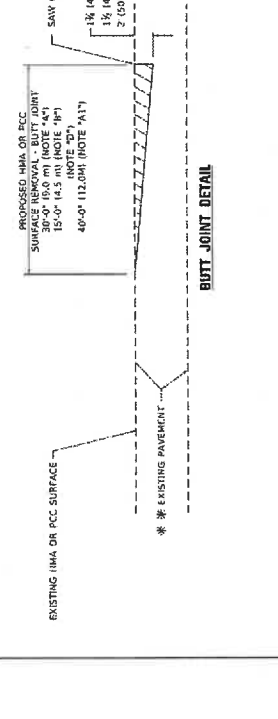
6. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL BUTT JOINT.

7. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL BUTT JOINT.

8. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL BUTT JOINT.

9. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL BUTT JOINT.

10. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL BUTT JOINT.



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

SEE ARTICLE 400.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF THE ILLINOIS HIGHWAY SYSTEM FOR THE PROPOSED HMA SURFACE REMOVAL BUTT JOINT.

1. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL BUTT JOINT.

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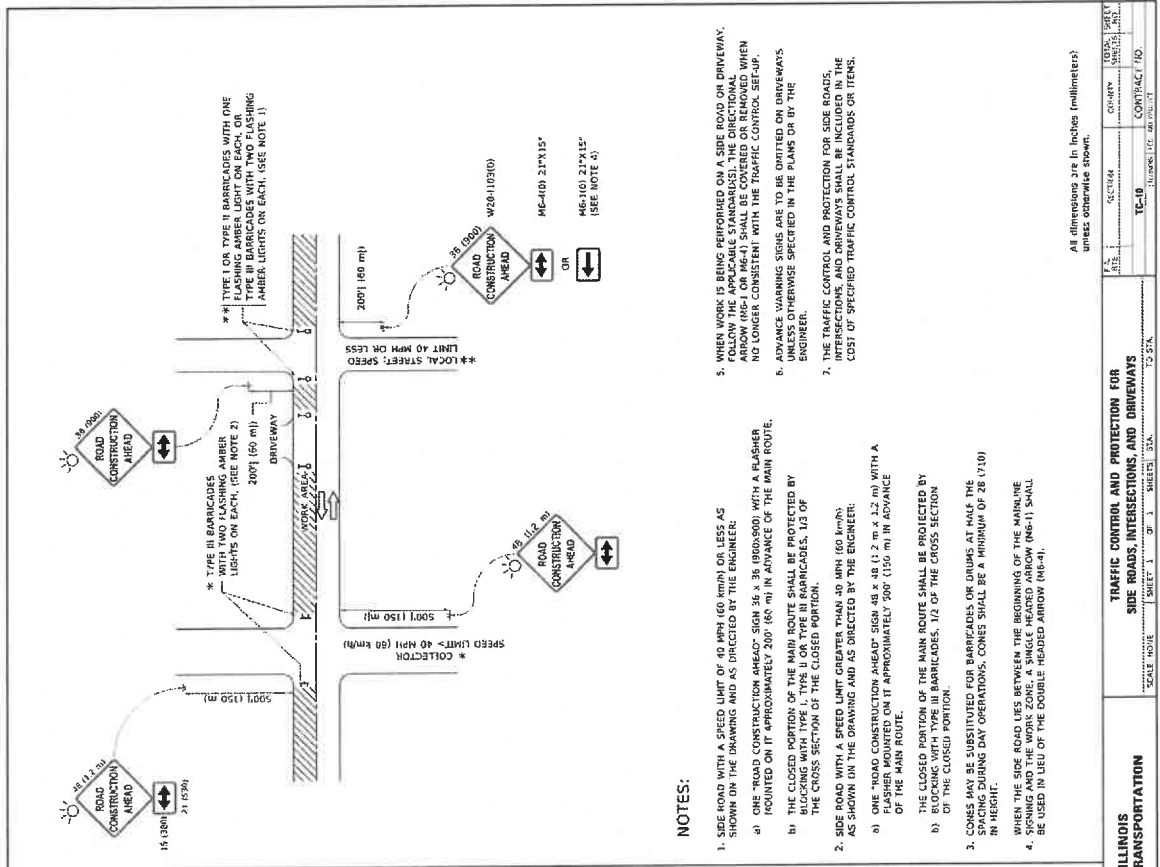
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USER NAME: DRAWN: CHECKED: DATE:	DESIGNED: DRAWN: CHECKED: DATE:	REVISION 1 REVISION 2 REVISION 3	REVISION 4 REVISION 5 REVISION 6	REVISION 7 REVISION 8 REVISION 9	REVISION 10 REVISION 11 REVISION 12	REVISION 13 REVISION 14 REVISION 15	REVISION 16 REVISION 17 REVISION 18	REVISION 19 REVISION 20 REVISION 21	REVISION 22 REVISION 23 REVISION 24	REVISION 25 REVISION 26 REVISION 27	REVISION 28 REVISION 29 REVISION 30	REVISION 31 REVISION 32 REVISION 33	REVISION 34 REVISION 35 REVISION 36	REVISION 37 REVISION 38 REVISION 39	REVISION 40 REVISION 41 REVISION 42
		PROJECT NO. 240145													

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 SCALE: 1" = 10'-0" (30.48 m)
 SHEET 19 OF 20 SHEETS STA. TO STA.
 BUTT JOINT AND HMA TAPER DETAILS
 COUNTY: WILL COUNTY
 TOWN: BRIDGEVIEW
 CONTRACT NO.: 240145
 PROJECT NO.: 240145



NOTES:

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN (W20-11030) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN (W20-11031) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN (W20-11030) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE DISTANCE DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 20' (7.10) IN HEIGHT.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE AND THE END OF THE MAINLINE, TYPE I BARRICADES (W20-11031) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-41).

All dimensions are in inches (millimeters) unless otherwise stated.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS	
SCALE: 1" = 40'	SHEET 1 OF 3 SHEETS (SEE PLAN)	SCALE: 1" = 40'	SHEET 1 OF 3 SHEETS (SEE PLAN)
DATE: 11/12/14	DESIGNED BY: [Name]	DATE: 11/12/14	DESIGNED BY: [Name]
DRAWN BY: [Name]	CHECKED BY: [Name]	DRAWN BY: [Name]	CHECKED BY: [Name]
DATE: 11/12/14	DATE: 11/12/14	DATE: 11/12/14	DATE: 11/12/14
PROJECT NO. 240145	COUNTY: [County]	PROJECT NO. 240145	COUNTY: [County]
SECTION: [Section]	CONTRACT NO. [Contract No.]	SECTION: [Section]	CONTRACT NO. [Contract No.]
TOTAL SHEETS: 3	SHEET NO. 1	TOTAL SHEETS: 3	SHEET NO. 1

3 V.I. Consulting Engineers, Inc.
1111 West Lake Street
West Chicago, IL 60187
847-760-0000
www.vicons.com

**WATER MAIN REPLACEMENT
INNER CIRCLE DRIVE & HOSMER LANE**

SCALE: 1" = 40' SHEET 1 OF 3 SHEETS (SEE PLAN)

DETAILS

CREDIT: M.L.

DESIGNED BY	REVISION	REVISION	REVISION
DRAWN BY	REVISION	REVISION	REVISION
CHECKED BY	REVISION	REVISION	REVISION
DATE	REVISION	REVISION	REVISION

PROJECT NO. 240145 COUNTY: [County] SHEET 1 OF 3 SHEETS (SEE PLAN)



E-mail Reset Form

Local Public Agency: City of Crest Hill; County: Will; Section Number: N/A

WE, P.T. Ferro Construction Co. as PRINCIPAL, and Travelers Casualty and Surety Company of America as SURETY, are held jointly,

severally and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") in the penal sum of 10% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids, whichever is the lesser sum.

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

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

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

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this 16th of April, 2026

Principal signature block for Matthew Marketti, President of P.T. Ferro Construction Co., dated 4/16/2026. Includes a circular seal for P.T. Ferro Construction Co. with 'SEAL 1964' and 'ILLINOIS' text.

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

Surety signature block for James I. Moore, dated 4/16/2026. Includes a circular seal for Travelers Casualty and Surety Company of America with 'HARTFORD, CONN.' text.

STATE OF IL COUNTY OF DuPage

Jacqueline M DeRidder

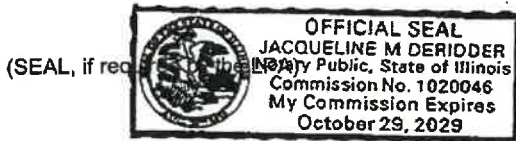
Notary Public in and for said county do hereby certify that

Matthew Marketti & James I. Moore

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

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

Given under my hand and notarial seal this 16th day of April, 2026



Notary Public Signature & Date block with signature and date 10/29/2029.

Local Public Agency

County

Section Number

City of Crest Hill

Will

N/A

ELECTRONIC BID BOND

Electronic bid bond is allowed (box must be checked by LPA if electronic bid bond is allowed)

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

Electronic Bid Bond ID Code

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Company/Bidder Name

Signature & Date

Title



Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company
Farmington Casualty Company

POWER OF ATTORNEY

Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, St. Paul Fire and Marine Insurance Company, and Farmington Casualty Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and the Companies do hereby make, constitute and appoint James I. Moore of Downers Grove, IL, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this 4th day of March, 2024.



State of Connecticut

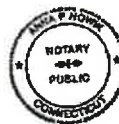
City of Hartford ss.

By: 
 Bryce Grissom, Senior Vice President

On this the 4th day of March, 2024, before me personally appeared Bryce Grissom, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the 30th day of June, 2026




 Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her, and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary, or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this April 16, 2026




 Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
 Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.



E-mail Reset Form

COVER SHEET

Proposal Submitted By:

Contractor's Name

PT FERRO CONSTRUCTION CO.

Contractor's Address

700 S ROWELL AVE.

City

Joliet

State

IL

Zip Code

6043.

STATE OF ILLINOIS

Local Public Agency

City of Crest Hill

County

Will

Section Number

N/A

Route(s) (Street/Road Name)

Inner Circle Drive, Marlboro Lane and Hosmer Lane

Type of Funds

Local

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

[Signature & Date box]

Submitted/Approved

County Engineer/Superintendent of Highways Signature & Date

[Signature & Date box]

For a Municipal Project

Submitted/Approved/Passed

Signature & Date

[Signature & Date box]

Official Title

[Official Title box]

Department of Transportation

Released for bid based on limited review

Regional Engineer Signature & Date

[Signature & Date box]

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)
City of Crest Hill	Will	N/A	Inner Circle Drive, Marlboro Lane

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of the City of Crest Hill, Public Works

20600 City Center Boulevard, Crest Hill, IL 60403	until 10:00 AM	on 04/16/26
Address	Time	Date

Sealed proposals will be opened and read publicly at the office of City Hall 20600 City Center Blvd, Crest Hill 60403

	at 10:00 AM	on 04/16/26
Address	Time	Date

DESCRIPTION OF WORK

Location	Project Length
Inner Circle Drive, Marlboro Lane and Hosmer Lane	

Proposed Improvement
Water main and service installation; Storm sewer removal and installation; Pavement removal and restoration; Pavement resurfacing; Driveway, Sidewalk, Curb & Gutter removal and replacement; Landscape restoration

1. Plans and proposal forms will be available in the office of Contact Jason Holy at jholy@v3co.com or by calling 630-254-1522 and requesting a digital set.

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)
City of Crest Hill	Will	N/A	Inner Circle Drive, Marlboro La

PROPOSAL

1. Proposal of PT FERRO CONSTRUCTION CO.
Contractor's Name
700 S ROWELL AVE. JOLIET IL, 60433
Contractor's Address

2. The plans for the proposed work are those prepared by V3 Companies
and approved by the Department of Transportation on N/A

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 will 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 will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond, if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to: City Treasurer of Crest Hill

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

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 N/A

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Crest Hill	Will	N/A	Inner Circle Drive, Marlboro La

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 of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.

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

Local Public Agency: City of Crest Hill
 County: Will
 Section Number: N/A
 Route(s) (Street/Road Name): Inner Circle Drive, Marlboro La

SIGNATURES

(If an individual)

Bidder Signature & Date

 Business Address

 City State Zip Code

(If a partnership)

Firm Name

 Signature & Date

 Title

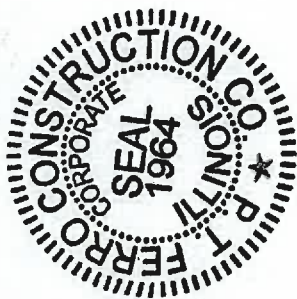
 Business Address

 City State Zip Code

Insert the Names and Addresses of all Partners

(If a corporation)

Corporate Name
 PT FERRO CONSTRUCTION CO.
 Signature & Date
 _____ 4/16/2026
 Title
 President
 Business Address
 700 S ROWELL AVE.
 City State Zip Code
 Joliet IL 60433



Insert Names of Officers

President
 Matt Marketti
 Secretary
 Wm. Dave Berkley
 Treasurer
 Diane Abernathy

Attest:

Wm. David Berkley

Secretary

ADDENDUM NO. 1

April 8, 2026

Inner Circle Drive Watermain

CITY OF CREST HILL

Engineering Department

20600 City Center Blvd

WILL COUNTY, ILLINOIS

PROPOSAL DUE DATE: 10:00 AM, April 16, 2026

This addendum forms a part of the Contract Documents and amends the original documents and the Plans and Special Provisions. Where any part of the contract documents is amended, the unaltered provisions are to remain in effect.

This is the only notice you receive, with no follow up by mail.

Updates to the Contract Specifications

- 1. Per the new laws that came into effect January 1, 2026 Illinois Plumbing License Law (255 ILCS 320) and Illinois Plumbing Code (Title 77Ill, Adm. Code Part 890). All water services and sanitary laterals must be locatable. Any repairs to or installation of water services or sanitary services must be completed by a licensed plumber. This work shall be inspected by a licensed plumber. The contractor must provide logs of all license plumbers on staff as well as provide all dates, locations and inspections logs of the services that have been installed or repaired.**

The method for locating sanitary services will be the sonde method and for water services install a magnetic locating tape with the pipe when installed. All this shall be included in the unit prices of the appropriate item, and no additional compensation will be provided for this work.

I acknowledge the receipt of this addendum by signing the acknowledgement. This addendum needs to be signed and included with bid. Failure to properly acknowledge this addendum as noted above may result in disqualification of the associated bid.

End of Addendum No. 1

I acknowledge the receipt of Addendum No. 1 for the referenced project:

Signed:

1 of 2

Name

Nick Frummetto

Name of

Company PT FERRO CONSTRUCTION CO.

Ronald J Wiedeman, P.E.

Director of Engineering

City of Crest Hill

815.741.5122

rwiedeman@cityofcresthill.com

**BID TAB
RETURN WITH BID**

BASE BID FOR INNER CIRCLE DR, MARLBORO LN AND HOSMER CT

ITEM NO.	PAY ITEM	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL BID COST
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	154	\$ 30.00	\$ 4,620.00
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	462	\$ 3.00	\$ 1,386.00
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100	\$ 0.01	\$ 1.00
28000510	INLET FILTERS	EACH	14	\$ 285.00	\$ 3,990.00
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	554	\$ 0.01	\$ 5.54
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	154	\$ 30.00	\$ 4,620.00
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	7,228	\$ 0.01	\$ 72.28
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	723	\$ 0.01	\$ 7.23
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	56	\$ 15.00	\$ 840.00
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	540	\$ 90.00	\$ 48,600.00
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	360	\$ 95.00	\$ 34,200.00
42400800	DETECTABLE WARNINGS	SQ FT	80	\$ 21.00	\$ 1,680.00
44000100	PAVEMENT REMOVAL	SQ YD	132	\$ 15.00	\$ 1,980.00
44000169	HOT-MIX ASPHALT SURFACE REMOVAL, 5"	SQ YD	3,025	\$ 5.00	\$ 15,125.00
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	450	\$ 135.00	\$ 60,750.00
55100500	STORM SEWER REMOVAL 12"	FOOT	367	\$ 45.00	\$ 16,515.00
56103000	DUCTILE IRON WATER MAIN, 6"	FOOT	95	\$ 145.00	\$ 13,775.00
56103100	DUCTILE IRON WATER MAIN, 8"	FOOT	1,007	\$ 198.00	\$ 199,386.00
56105000	WATER VALVES 8"	EACH	4	\$ 3,300.00	\$ 13,200.00
56400500	FIRE HYDRANT TO BE REMOVED	EACH	3	\$ 1,000.00	\$ 3,000.00
56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	4	\$ 7,200.00	\$ 28,800.00
56500800	DOMESTIC WATER SERVICE BOX	EACH	22	\$ 550.00	\$ 12,100.00
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE I FRAME, OPEN LID	EACH	4	\$ 3,400.00	\$ 13,600.00
60206905	CATCH BASINS, TYPE C, TYPE I FRAME, OPEN LID	EACH	1	\$ 1,900.00	\$ 1,900.00
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE I FRAME, CLOSED LID	EACH	2	\$ 3,500.00	\$ 7,000.00
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE I FRAME, CLOSED LID	EACH	4	\$ 4,000.00	\$ 16,000.00
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	811	\$ 2.85	\$ 2,311.35
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	233	\$ 9.80	\$ 2,283.40
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	28	\$ 36.00	\$ 1,008.00
78011030	GROOVING FOR RECESSED PAVEMENT MARKING, 7"	FOOT	233	\$ 6.40	\$ 1,491.20
78011125	GROOVING FOR RECESSED PAVEMENT MARKING, 25"	FOOT	28	\$ 27.50	\$ 770.00

X0324878	SANITARY SEWER SERVICE ADJUSTMENT	FOOT	100	\$ 85.00	\$ 8,500.00
X1200160	CONNECTION TO EXISTING DRAINAGE STRUCTURE	EACH	1	\$ 1,600.00	\$ 1,600.00
X2080250	TRENCH BACKFILL, SPECIAL	CU YD	1,169	\$ 0.01	\$ 11.69
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	500	\$ 0.01	\$ 5.00
X3580300	AGGREGATE BASE REPAIR (SPECIAL)	TON	100	\$ 20.00	\$ 2,000.00
X5610658	WATER MAIN TO BE ABANDONED, 8"	FOOT	980	\$ 0.01	\$ 9.80
X5610706	WATER MAIN REMOVAL, 6"	FOOT	33	\$ 0.01	\$ 0.33
X5610804	NON-PRESSURE CONNECTION TO EXISTING WATER MAIN	EACH	4	\$ 5,000.00	\$ 20,000.00
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	4	\$ 950.00	\$ 3,800.00
X6026632	VALVE BOXES TO BE REMOVED	EACH	2	\$ 230.00	\$ 460.00
X7010216	TRAFFIC CONTROL & PROTECTION (SPECIAL)	L SUM	1	\$ 38,500.00	\$ 38,500.00
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	\$ 10,000.00	\$ 10,000.00
	3" HMA DRIVEWAY REMOVAL AND REPLACEMENT	SQ FT	119	\$ 20.00	\$ 2,380.00
	CASH ALLOWANCE	UNITS	25,000	\$ 1.00	\$ 25,000.00
	CITY CONSTRUCTION SIGN	SQ FT	24	\$ 150.00	\$ 3,600.00
	COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL)	FOOT	1,275	\$ 56.00	\$ 71,400.00
	INSERTION VALVES, 8"	EACH	1	\$ 9,500.00	\$ 9,500.00
	PARKWAY RESTORATION - SODDING	SQ YD	554	\$ 35.00	\$ 19,390.00
	PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT	SQ YD	214	\$ 125.00	\$ 26,750.00
	PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL)	SQ FT	3,146	\$ 13.00	\$ 40,898.00
	SHAPING AND GRADING ROADWAY	SQ YD	3,081	\$ 2.00	\$ 6,162.00
	STRUCTURES TO BE REMOVED	EACH	1	\$ 400.00	\$ 400.00
	SUMP LINE	FOOT	100	\$ 30.00	\$ 3,000.00
	TEMPORARY ACCESS	EACH	21	\$ 0.01	\$ 0.21
	TEMPORARY PAVEMENT, 2"	SQ YD	1,143	\$ 0.01	\$ 11.43
	WATER MAIN CASING SLEEVE	FOOT	20	\$ 120.00	\$ 2,400.00
	WATER SERVICE LINE, 1" (LONG)	EACH	11	\$ 6,500.00	\$ 71,500.00
	WATER SERVICE LINE, 1" (SHORT)	EACH	11	\$ 5,000.00	\$ 55,000.00
TOTAL					\$ 933,295.46



Local Public Agency	County	Street Name/Road Name	Section Number
City of Crest Hill	Will	Inner Circle Drive, Marlboro	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.

Operators Local #150 IL008780173, Chicagoland Laborers' Training & Apprenticeship Program IL017990001, Chicago Regional Council of Carpenters Apprentice & Training IL017650001, International Brotherhood of Teamsters Joint Council No. 25 Training IL815005004, Masons Local #502 JATC IL008820041, Masons Local #11 IL004890005, Iron Workers #444 JATC IL008-0820

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.

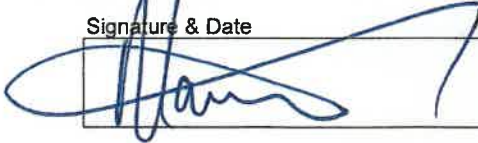
The requirements of this certification and disclosure are a material part of the contract, and the contractor shall require this certification provision to be included in all approved subcontracts. The bidder is responsible for making a complete report and shall make certain that each type of work or 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

P.T. Ferro Construction Co.

 Title

President

Signature & Date


4/16/2026

Address	City	State	Zip Code
700 S. Rowell Ave	Joliet	IL	60434



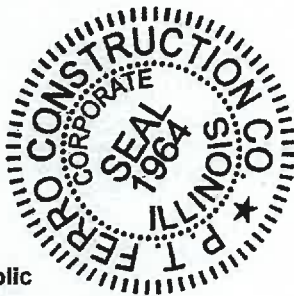
Local Public Agency	County	Street Name/Road Name	Section Number
City of Crest Hill	Will	Inner Circle Dr.	

I, MATT MARKETTI of JOLIET, Illinois
Name of Affiant City of Affiant State of Affiant

being first duly sworn upon oath, state as follows:

- That I am the PRESIDENT of P.T. FERRO CONSTRUCTION
Officer or Position Bidder
- That I have personal knowledge of the facts herein stated.
- That, if selected under the proposal described above, P.T. FERRO CONSTRUCTION, will maintain a business office in the State of Illinois, which will be located in Will County, Illinois.
Bidder County
- That this business office will serve as the primary place of employment for any persons employed in the construction contemplated by this proposal.
- 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
	4/16/26
Print Name of Affiant	
MATT MARKETTI, PRESIDENT	



Notary Public

State of IL

County WILL

Signed (or subscribed or attested) before me on 4/16/26 by
(date)

MATT MARKETTI, authorized agent(s) of
(name/s of person/s)

P.T. FERRO CONSTRUCTION
Bidder



(SEAL)

Signature of Notary Public

My commission expires <u>09/26/28</u>



(Letting date)

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.

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

Part I. Work Under Contract

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

	1	2	3	4	Awards Pending	
Contract Number	LARKIN AVE 62R25	SCOTT ST. RESURFACING, JOLIET #62R94	BELL ROAD 19-00147-14-FP	EASTERN AVE	JOL 08-04 DISTRIBUTION SYSTEM WM	
Contract With	WALSH CONST	IDOT	WILL COUNTY	MANHATTAN	JOLIET	
Estimated Completion Date		6/1/2026	11/20/2026	5/1/2026	11/1/2027	
Total Contract Price	689,765.57	1,491,886.28	10,400,058.22	1,945,713.33	15,196,257.72	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor		657,076.35	10,400,058.22	1,129,676.39	15,196,257.72	27,383,068.68
Uncompleted Dollar Value if Firm is the Subcontractor	193,937.77					193,937.77
				Total Value of All Work		27,577,006.45

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

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

						Accumulated Totals
Earthwork			928,002.68	323,017.94		1,251,020.62
Portland Cement Concrete Paving						0.00
HMA Plant Mix	188,877.77	439,253.26	2,018,708.97	446,043.25	880,825.00	3,973,708.25
HMA Paving						0.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces			537,151.50	204,506.00		741,657.50
Highway,R.R. and Waterway Structures						0.00
Drainage			2,013,967.00		6,485,941.72	8,499,908.72
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction			717,282.45	37,430.00	643,451.00	1,398,163.45
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	5,060.00	48,384.50	27,716.15	2,850.75		84,011.40
Demolition						0.00
Pavement Markings (Paint)						0.00
						0.00
						0.00
Totals	193,937.77	487,637.76	6,242,828.75	1,013,847.94	8,010,217.72	15,948,469.94

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				EVERGREEN	STEVE SPIESS
Type of Work		ELECTRIC	STRUCTURES	LJS	WATERMAIN
Subcontract Price		399,455.00	969,033.00	18,779.70	6,000,000.00
Amount Uncompleted		91,708.91	969,033.00	18,779.70	6,000,000.00
Subcontractor				NORTHERN	AIRY'S INC.
Type of Work		STRIPING	ELECTRICAL	GUARDRAIL	WATER SERVICES
Subcontract Price		27,993.23	1,815,623.40	106,985.30	1,000,000.00
Amount Uncompleted		27,993.23	1,815,623.40		1,000,000.00
Subcontractor				SEASONS	SEASON'S
Type of Work		TRAFFIC	ENVIRONMENTAL	LANDSCAPE	LANDSCAPE
Subcontract Price		32,094.55	765,300.00	121,291.80	125,438.00
Amount Uncompleted		5,000.00	765,300.00	60,000.00	125,438.00
Subcontractor				APR	APR
Type of Work		LJS	LANDSCAPE	STRIPING/TRAFFIC	STRIPING/TRAFFIC
Subcontract Price		44,736.45	299,999.85	37,048.75	60,602.00
Amount Uncompleted		44,736.45	299,999.85	37,048.75	60,602.00
Subcontractor				HOMER	
Type of Work			TRAFFIC/STRIPING	TREE REM	
Subcontract Price			245,860.13	6,980.00	
Amount Uncompleted			245,860.13		
Subcontractor					
Type of Work			GUARDRAIL		
Subcontract Price			61,413.09		
Amount Uncompleted			61,413.09		
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted		169,438.59	4,157,229.47	115,828.45	7,186,040.00

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.

Subscribed and sworn to before me

this ____ day of _____, 2026.

Type or Print Name Wm. David Berkley Vice President
 Officer or Director Title

 Notary Public

Signed _____

My commission expires: _____

Company P.T. Ferro Construction Co.

(Notary Seal)

Address P.O. Box 156
Joliet, IL 60434-0156



Illinois Department of Transportation

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

Affidavit of Availability
For the Letting of 4/24/2026

(Letting date)

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

Part I. Work Under Contract

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

	5	6	7	8	Awards Pending	
Contract Number	IDOT 180 JOLIET JCT - WHEELER #62R89	STATE STREET IDOT #61L72	127TH/NAPER 61J25	W. RIVER ROAD	2026 MFT	
Contract With	WALSH CONSTRUCTION	IDOT	IDOT	WCDOT	DIAMOND	
Estimated Completion Date	10/30/2026	7/1/2026	6/1/2026	11/30/2026	9/1/2026	
Total Contract Price	3,296,349.80	1,092,187.05	3,803,259.25	5,247,424.84	288,392.00	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor		1,038,187.05	3,603,909.25	5,053,924.84	288,392.00	37,367,481.82
Uncompleted Dollar Value if Firm is the Subcontractor	563,507.48					757,445.25
Total Value of All Work						38,124,927.07

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

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

						Accumulated Totals
Earthwork		22,436.60	840,089.50	825,290.31		2,938,836.03
Portland Cement Concrete Paving						0.00
HMA Plant Mix	496,657.68	493,782.25	1,008,142.00	997,187.60	220,192.00	7,189,669.78
HMA Paving						0.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces		5,772.00	276,020.34	548,864.77		1,572,314.61
Highway,R.R. and Waterway Structures						0.00
Drainage		124,405.37	700,384.00	1,922,110.00	3,150.00	11,249,958.09
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction		146,604.00	125,390.00	242,318.00	30,550.00	1,943,025.45
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	66,849.80	114,536.73	8,842.55	2,475.00	34,500.00	311,215.48
Demolition						0.00
Pavement Markings (Paint)						0.00
						0.00
						0.00
Totals	563,507.48	907,536.95	2,958,868.39	4,538,245.68	288,392.00	25,205,019.44

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.

	5	6	7	8	Awards Pending
Subcontractor			HOMER	PROTACK	
Type of Work		LJS	TREE REM	LJS	
Subcontract Price		30,289.36	3,400.00	7,296.00	
Amount Uncompleted		30,289.36	3,400.00	7,296.00	
Subcontractor			PROTACK		
Type of Work		ELECTRIC	LJS	LANDSCAPE	
Subcontract Price		8,693.52	29,216.88	299,930.55	
Amount Uncompleted		8,693.52	29,216.88	299,930.55	
Subcontractor			INTEGRAL	TRAFFIC CONT CORP	
Type of Work		LANDSCAPE	ELECTRIC	STRIPING	
Subcontract Price		13,500.12	309,511.50	79,415.61	
Amount Uncompleted		13,500.12	309,511.50	79,415.61	
Subcontractor			NORTHERN	WORK ZONE	
Type of Work		STRIPING	GUARDRAIL	TRAFFIC	
Subcontract Price		58,363.10	100,309.43	77,238.00	
Amount Uncompleted		58,363.10	100,309.43	77,238.00	
Subcontractor			ARTEAGA	HOMER TREE	
Type of Work		TRAFFIC	LANDSCAPE	TREE	
Subcontract Price		19,805.00	54,295.60	51,799.00	
Amount Uncompleted		19,805.00	54,295.60	51,799.00	
Subcontractor			ROADWAY LINES		
Type of Work			STRIPING		
Subcontract Price			19,879.80		
Amount Uncompleted			19,879.80		
Subcontractor			WORK ZONE		
Type of Work			TRAFFIC		
Subcontract Price			128,427.65		
Amount Uncompleted			128,427.65		
Total Uncompleted		130,651.10	645,040.86	515,679.16	

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.

Subscribed and sworn to before me

this ____ day of _____, 2026.

Type or Print Name Wm. David Berkley Vice President
 Officer or Director Title

 Notary Public

Signed _____

My commission expires: _____

Company P.T. Ferro Construction Co.

Address P.O. Box 156

Joliet, IL 60434-0156

(Notary Seal)



(Letting date)

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

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**.

	9	10	11	12	Awards Pending	
Contract Number	2025 RESURFACING "A"	FRONT ST WATERMAIN	ASH & COOPER WATERMAIN	DIVISION STREET RECONSTRUCTI ON	SUBDIVISION RESURFACING	
Contract With	JOLIET	MANHATTAN	NEW LENOX	CREST HILL	ROMEOVILLE	
Estimated Completion Date	7/1/2026	6/30/2026	7/31/2026	8/28/2026	8/7/2026	
Total Contract Price	516,142.58	455,958.00	1,871,302.07	1,854,145.43	2,142,645.40	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	516,142.58	455,958.00	1,871,302.07	1,854,145.43	2,149,645.40	44,214,675.30
Uncompleted Dollar Value if Firm is the Subcontractor						757,445.25
				Total Value of All Work		44,972,120.55

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

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

						Accumulated Totals
Earthwork				284,899.50		3,223,735.53
Portland Cement Concrete Paving						0.00
HMA Plant Mix	231,410.93		178,890.00	689,274.08	891,765.40	9,161,010.19
HMA Paving						0.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	6,348.11			215,690.50		1,794,353.22
Highway,R.R. and Waterway Structures						0.00
Drainage	30,400.00	440,108.00	1,195,509.07	292,279.07	37,950.00	13,246,204.23
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction	154,405.00	2,250.00	6,525.00	242,445.00	843,600.00	3,192,250.45
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	65,027.33			5,950.00	342,930.00	725,122.81
Demolition						0.00
Pavement Markings (Paint)						0.00
						0.00
Totals	487,591.37	442,358.00	1,380,924.07	1,710,538.15	2,116,245.40	31,342,676.43

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.

	9	10	11	12	Awards Pending
Subcontractor	APR	SEASONS		H&H ELECTRIC	APR
Type of Work	STRIPING/TRAFFIC	LANDSCAPE	TREE	ELECTRIC	STRIPING & TRAFFIC
Subcontract Price	16,314.30	13,600.00	3,525.00	18,067.27	33,400.00
Amount Uncompleted	16,314.30	13,600.00	3,525.00	18,067.27	33,400.00
Subcontractor	H&H			SEASONS	
Type of Work	ELECTRIC		LANDSCAPE	LANDSCAPE	
Subcontract Price	12,236.91		70,520.00	49,829.00	
Amount Uncompleted	12,236.91		70,520.00	49,829.00	
Subcontractor					
Type of Work			STRIPING	STRIPING	
Subcontract Price			4,950.00	20,011.00	
Amount Uncompleted			4,950.00	20,011.00	
Subcontractor					
Type of Work			WATER SERVICE	TRAFFIC	
Subcontract Price			411,383.00	65,700.01	
Amount Uncompleted			411,383.00	65,700.01	
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted	28,551.21	13,600.00	490,378.00	143,607.28	33,400.00

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.

Subscribed and sworn to before me

this ____ day of _____, 2026.

Type or Print Name Wm. David Berkley Vice President
 Officer or Director Title

 Notary Public

Signed _____

My commission expires: _____

Company P.T. Ferro Construction Co.

Address P.O. Box 156
Joliet, IL 60434-0156

(Notary Seal)



Illinois Department of Transportation

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

Affidavit of Availability
For the Letting of 4/24/2026

(Letting date)

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.

	13	14	15	16	Awards Pending	
Contract Number	2026 ROADWAY RECONSTRUCTION	2026 MFT	2026 PAVING PROGRAM	4TH & EASTERN WATERMAIN	80B13 - IL 53 RESURFACING, JOLIET	
Contract With	LOCKPORT	TINLEY PARK	CARILLON LAKES	CITY OF JOLIET	IDOT	
Estimated Completion Date		8/31/2026	11/1/2026	11/30/2026		
Total Contract Price	2,992,779.37	3,192,007.85	1,487,764.81	3,601,647.55	1,424,777.22	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	2,992,779.37	3,192,007.85	1,487,764.81	3,601,647.55	1,424,777.22	56,913,652.10
Uncompleted Dollar Value if Firm is the Subcontractor						767,445.25
						57,671,097.35

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

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

						Accumulated Totals
Earthwork	308,944.90	21,800.00	19,188.33			3,573,668.76
Portland Cement Concrete Paving						0.00
HMA Plant Mix	336,081.50	1,318,670.58	902,146.19	277,000.00	777,727.05	12,772,635.51
HMA Paving						0.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	103,739.32		20,089.54			1,918,182.08
Highway, R.R. and Waterway Structures						0.00
Drainage	834,945.20	11,602.40	3,000.79	2,327,424.75	9,250.00	16,432,427.37
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction	770,817.99	1,383,529.12	392,264.81	384,050.00	311,453.76	6,434,356.13
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	25,111.50	400,791.20	151,085.15		16,367.32	1,318,477.98
Demolition						0.00
Pavement Markings (Paint)						0.00
						0.00
						0.00
Totals	2,379,640.41	3,136,393.30	1,487,764.81	2,988,474.75	1,114,798.13	42,449,747.83

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.

	13	14	15	16	Awards Pending
Subcontractor		H&H		H&H	POWER LINK
Type of Work	ELECTRIC	ELECTRIC		ELECTRIC	ELECTRIC
Subcontract Price	72,093.00	15,080.00		22,807.30	202,448.44
Amount Uncompleted	72,093.00	15,080.00		22,807.30	202,448.44
Subcontractor		APR		SEASONS	VETERANS VAC
Type of Work	LANDSCAPE	STRIPING & TCP		LANDSCAPE	SEWER CLEAN
Subcontract Price	285,990.00	40,534.55		36,500.00	28,800.00
Amount Uncompleted	285,990.00	40,534.55		36,500.00	28,800.00
Subcontractor				STIPP	APR
Type of Work	MASONRY			WATER SERVICE	STRIPING / TCP
Subcontract Price	126,001.60			482,995.00	52,230.65
Amount Uncompleted	126,001.60			482,995.00	52,230.65
Subcontractor				PRECISION	HOMER
Type of Work	SEWER CLEANING			PAVEMENT MK	TREE REM
Subcontract Price	42,723.00			11,550.50	26,500.00
Amount Uncompleted	72,723.00			11,550.50	26,500.00
Subcontractor				WORK ZONE	
Type of Work	STRIPING			TRAFFIC	
Subcontract Price	8,733.36			59,320.00	
Amount Uncompleted	7,833.36			59,320.00	
Subcontractor					
Type of Work	TRAFFIC				
Subcontract Price	29,980.00				
Amount Uncompleted	29,980.00				
Subcontractor					
Type of Work	TREE REMOVAL				
Subcontract Price	18,518.00				
Amount Uncompleted	18,518.00				
Total Uncompleted	613,138.96	55,614.55		613,172.80	309,979.09

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.

Subscribed and sworn to before me

this ____ day of _____, 2026.

Type or Print Name Wm. David Berkley Vice President
Officer or Director Title

 Notary Public

Signed _____

My commission expires: _____

Company P.T. Ferro Construction Co.

(Notary Seal)

Address P.O. Box 156
Joliet, IL 60434-0156



Illinois Department of Transportation

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

Affidavit of Availability
For the Letting of 4/24/2026

(Letting date)

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.

	17	18	19	20	Awards Pending	
Contract Number	PARKING LOT MAINTENANCE	PLAINFIELD TWP	CH 36 RENWICK ROAD 26-00160-18-GM	IMPERIAL DRIVE		
Contract With	ORLAND PARK	WCDOT	WCDOT	CREST HILL		
Estimated Completion Date			7/3/2026			
Total Contract Price	350,375.00	194,014.90	958,266.60	1,085,364.61		Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	350,375.00	194,014.90	958,266.60	1,085,364.61		59,501,673.21
Uncompleted Dollar Value if Firm is the Subcontractor						757,445.25
Total Value of All Work						60,259,118.46

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

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

					Accumulated Totals
Earthwork				105,365.00	3,679,033.76
Portland Cement Concrete Paving					0.00
HMA Plant Mix	280,550.00	194,014.90	636,872.35	135,234.60	14,019,307.36
HMA Paving					0.00
Clean & Seal Cracks/Joints					0.00
Aggregate Bases & Surfaces				24,920.00	1,943,102.08
Highway, R.R. and Waterway Structures			55,245.00		55,245.00
Drainage				614,685.01	17,047,112.38
Electrical					0.00
Cover and Seal Coats					0.00
Concrete Construction	10,625.00		13,325.00	118,205.00	6,576,511.13
Landscaping					0.00
Fencing					0.00
Guardrail					0.00
Painting					0.00
Signing					0.00
Cold Milling, Planning & Rotomilling	59,200.00		87,745.35	2,490.00	1,467,913.33
Demolition					0.00
Pavement Markings (Paint)					0.00
					0.00
Totals	350,375.00	194,014.90	793,187.70	1,000,899.61	0.00

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Part III. Work Subcontracted to Others

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

	17	18	19	20	Awards Pending
Subcontractor			SB CENTRIC	SEASONS	
Type of Work			ELECTRIC	LANDSCAPE	
Subcontract Price			17,000.00	71,050.00	
Amount Uncompleted			17,000.00	71,050.00	
Subcontractor			EVERGREEN	PRECISION	
Type of Work			LJS	STRIPING	
Subcontract Price			61,965.00	4,915.00	
Amount Uncompleted			61,965.00	4,915.00	
Subcontractor			APR	HOMER	
Type of Work			RRPM/RUMBLE	TREE REM	
Subcontract Price			56,207.90	8,500.00	
Amount Uncompleted			56,207.90	8,500.00	
Subcontractor			WORK ZONE		
Type of Work			TRAFFIC		
Subcontract Price			29,906.00		
Amount Uncompleted			29,906.00		
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted			165,078.90	84,465.00	

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.

Subscribed and sworn to before me

this 16 day of April, 2026.

Justin Joseph Allier
Notary Public

Type or Print Name Wm. David Berkley Vice President
Officer or Director Title

Signed Wm. David Berkley

My commission expires: September 26, 2028

Company P.T. Ferro Construction Co.

Address P.O. Box 156

Joliet, IL 60434-0156

(Notary Seal)



