

**VILLAGE OF DOWNERS GROVE**  
**Report for the Village Council Meeting**  
**5/7/2024**

<b>SUBJECT:</b>	<b>SUBMITTED BY:</b>
Award of Contract - Indianapolis Reconstruction/2024 Water Main Improvements (ST-058/WA-028)	Scott Vasko Director of Engineering

**SYNOPSIS**

A motion is requested to award a contract for the Indianapolis Reconstruction/2024 Water Main Improvements project to H. Linden & Sons of Plano, IL in the amount of \$1,778,055.33, plus a 5% contingency for a total not-to-exceed cost of \$1,866,958.10.

**STRATEGIC PLAN ALIGNMENT**

The Goals for 2023 to 2025 include *Top Quality Infrastructure*.

**FISCAL IMPACT**

The FY24 budget includes \$1,000,000 in the Capital Fund and \$1,000,000 in the Water Fund for this project.

**RECOMMENDATION**

Approval on the May 14, 2024 Active Agenda.

**BACKGROUND**

This project combines goals from several different areas of need in two locations – Indianapolis Avenue from Fairview Avenue to Cumnor Road and Brookbank Road from Gilbert Avenue to Turvey Road. The existing conditions on Indianapolis include a ditch section on the north side of Indianapolis Avenue that requires frequent maintenance due to steep ditch slopes and inadequate drainage infrastructure. Indianapolis Avenue has also been recommended for roadway reconstruction due to poor roadway surface condition and degraded roadway base conditions. Additionally, both Brookbank Road and Indianapolis Avenue are included on the Village’s water main replacement list.

The scope of the project includes the replacement of approximately 1,800 feet of 8” & 12” water main, installation of residential water services, including removal of lead service lines, installation of new storm sewer, plus the removal and reconstruction of Indianapolis Avenue from Fairview to Cumnor. The reconstruction on Indianapolis will include the installation of V gutter on the south side of the street and curb on the north side of the street to assist with drainage. The work will also include PCC sidewalk and driveway apron removal and replacement, and all other collateral work such as erosion control and parkway restoration.

A Call for Bids (CFB) was issued and published in accordance with the Village’s Purchasing Policy. Five bids were received by the due date of April 24, 2024. A synopsis of the bids is as follows:

<b>Contractor</b>	<b>Base Bid</b>
<b>H. Linden &amp; Sons</b>	<b>\$1,778,055.33 (low bid)</b>
ALamp Concrete Contractors, Inc.	\$2,029,938.33
Swallow Construction Corp.	\$2,082,955.18
Performance Construction & Engineering, LLC.	\$2,178,780.00
Martam Construction, Inc.	\$2,315,649.33

Staff recommends award of the project to H. Linden & Sons. H. Linden & Sons has successfully completed projects for the Village in past. Their references from the Village of Monee, Village of Alsip, and Village of East Hazel Crest, which concerned similar scale projects, have indicated that they were responsive, organized, and easy to work with.

#### **ATTACHMENTS**

Contract Document  
Contractor Evaluation



# Village of Downers Grove

## Contractor Evaluation

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Contractor: H. Linden and Sons Sewer and Water, Inc.

Project: Pershing Ave Storm Sewer Improvements – SW-064

Primary Contact: Steve Linden Phone: 630-553-6591

Time Period: August 2011 – October 2011

On Schedule (allowing for uncontrollable circumstances)  yes  no

Provide details if early or late completion: Storm sewer improvements were completed on time. Restoration was completed roughly one week past the completion date.

Change Orders (attach information if needed): N/A

Difficulties / Positives: Crew was very respectful of residents' needs, maintained site cleanliness and dust control very well; performed quality work and was very responsive to Engineer.

Interaction with public:

excellent  good  average  poor

(Attach information on any complaints or compliments)

General Level of Satisfaction with work:

Well Satisfied  Satisfied  Not Satisfied

Should the Village contract with this vendor in the future?  Yes  No

Reviewers: Jim Tock

Date: 11/22/11



## CALL FOR BIDS – FIXED WORKS PROJECT

- I. Name of Company Bidding: H. Linden & Sons Sewer and Water, Inc.
- II. Instructions and Specifications:
- A. Bid No.: ST-058 / WA-028
  - B. DemandStar Bid No.: CFB-39-0-2024/BG
  - C. For: INDIANAPOLIS RECONSTRUCTION / 2024 WATER MAIN IMPROVEMENTS
  - D. Bid Opening Date/Time: WEDNESDAY, APRIL 24, 2024 @ 11:00AM
  - E. Pre-Bid Conference Date/Time: NONE
  - F. Pre-Bid Conference Location: NONE
- III. Required of All Bidders:
- A. Bid Deposit: 5%
  - B. Letter of Capability of Acquiring Performance Bond: YES
- IV. Required of Awarded Contractor(s)
- A. Performance Bond or Letter of Credit: YES
  - B. Certificate of Insurance: YES

Legal Advertisement Published: WEDNESDAY, APRIL 10, 2024  
 This document comprises 81 pages

RETURN ORIGINAL BID (NO STAPLES) IN SEALED ENVELOPE MARKED WITH THE BID NUMBER AS NOTED ABOVE TO:

BRIAN GILMORE  
 STAFF ENGINEER  
 VILLAGE OF DOWNERS GROVE  
 5101 WALNUT AVENUE  
 DOWNERS GROVE, IL 60515  
 PHONE: 630/434-2453  
 FAX: 630/434-5495  
[www.downers.us](http://www.downers.us)

## Village of Downers Grove – Indianapolis Reconstruction/2024 Water Main Improvements (ST-058/WA-028)

**CALL FOR BIDS – FIXED WORKS PROJECT****Bid No.:** ST-058 / WA-028

The VILLAGE OF DOWNERS GROVE will receive bids Monday through Friday, 8:00 A.M. to 5:00 P.M. at the Public Works Building, 5101 Walnut Avenue, Downers Grove, IL 60515.

The Village Council reserves the right to accept or reject any and all bids, to waive technicalities, and to accept or reject any item of any Bid.

The documents constituting component parts of this Contract are the following:

- I. CALL FOR BIDS
- II. TERMS & CONDITIONS
- III. GENERAL PROVISIONS
- IV. SPECIAL PROVISIONS
- V. BID & CONTRACT FORM

All Bidders MUST submit the entire bid package, with one original Bid Form. Upon formal Award, the successful Bid will automatically convert to a Contract, and the successful Bidder will receive a copy of the executed contract upon formal award of the Bid with the Notice of Award.

**DO NOT DETACH ANY PORTION OF THIS DOCUMENT. INVALIDATION COULD RESULT.**

**PLEASE DO NOT BIND ANY PORTION OF THE BID WITH STAPLES.**

**ALL PAGES OF THE BID MUST BE SUBMITTED SINGLE-SIDED.**

## Village of Downers Grove – Indianapolis Reconstruction/2024 Water Main Improvements (ST-058/WA-028)

**I. CALL FOR BIDS and INSTRUCTIONS TO BIDDERS****1. GENERAL**

- 1.1 Notice is hereby given that Village of Downers Grove will receive sealed bids up to the time and date set forth on the cover page of this Call for Bids.
  - 1.2 Defined Terms:
    - 1.2.1 Village – the Village of Downers Grove acting through its officers or agents.
    - 1.2.2 Contract Documents – this document plus any drawings issued therewith, any addenda, and the Bidder’s completed proposal, bonds, and all required certifications.
    - 1.2.3 Bid – this document completed by an individual or entity and submitted to the Village.
    - 1.2.4 Bidder – the individual or entity who submits or intends to submit a bid proposal to the Village.
    - 1.2.5 Contractor – the individual or entity whose bid is selected by the Village and who enters into a contract with the Village.
    - 1.2.6 Work – the construction or service defined herein.
    - 1.2.7 Day – unless otherwise stated all references to day “Day” “Days”, “day” or “days” shall refer to calendar days.
    - 1.2.8 Proposal Guaranty – the required bid deposit.
  - 1.3 Bids must be received at the Village by the time and date specified. Bids received after the specified time and date will not be accepted and will be returned unopened to the Bidder.
  - 1.4 Bids shall be sent to the Village of Downers Grove, ATTN: BRIAN GILMORE, in a sealed envelope marked "SEALED BID". The envelope shall be marked with the name of the project, date, and time set for receipt of Bids. The bid package may be submitted any time prior to the time set for receipt of Bids.
  - 1.5 All Bids must be submitted on the forms supplied by the Village and signed by a proper official of the company submitting the Bid. Telephone, e-mail, and fax Bids will not be accepted.
  - 1.6 Under penalty of perjury, the Bidder certifies by submitting this Bid that he has not acted in collusion with any other Bidder or potential Bidder.
- 2. BID PREPARATION**
- 2.1 It is the responsibility of the Bidder to carefully examine the Contract Documents and to be familiar with all of the requirements, stipulations, provisions, and conditions surrounding the proposed Work.

## Village of Downers Grove – Indianapolis Reconstruction/2024 Water Main Improvements (ST-058/WA-028)

- 2.2 The Bidder shall inspect the site of the proposed Work in detail, investigate and become familiar with all the local conditions affecting the Work, and become fully acquainted with the detailed requirements of the Work. Submitting a Bid shall be a conclusive assurance and warranty that the Bidder has made these examinations and that the Bidder understands all requirements for the performance of the Work. If the Bid is accepted, the Bidder will be responsible for all errors in the Bid resulting from their willing or neglectful failure to comply with these instructions. IN NO CASE WILL THE VILLAGE BE RESPONSIBLE FOR ANY COSTS, EXPENSES, LOSSES, OR CHANGES IN ANTICIPATED MARGINS OF PROFIT RESULTING FROM THE WILLING OR NEGLECTFUL FAILURE OF THE BIDDER TO MAKE THESE EXAMINATIONS. THE VILLAGE WILL NOT BE RESPONSIBLE FOR ANY COSTS, EXPENSES, LOSSES, OR CHANGES IN ANTICIPATED MARGINS OF PROFIT RESULTING FROM THE WILLING OR NEGLECTFUL FAILURE OF THE CONTRACTOR TO PROVIDE THE KNOWLEDGE, EXPERIENCE, AND ABILITY TO PERFORM THE WORK REQUIRED BY THIS CONTRACT. No changes in the prices, quantities, or contract provisions shall be made to accommodate the inadequacies of the Bidder, which might be discovered subsequent to award of contract. The Bidder shall take no advantage of any error or omission in the Contract Documents nor shall any error or omission in the Contract Documents serve as the basis for an adjustment of the amounts paid to the Bidder.
- 2.3 When the Contract Documents include information pertaining to subsurface explorations, borings, test pits, and other preliminary investigations, such information is included solely for the convenience of the Bidder. *The Village assumes no responsibility whatsoever with respect to the sufficiency of the information, and does not warrant, neither expressly nor by implication, that the conditions indicated represent those existing throughout the Work, or that unanticipated developments may not occur.*
- 2.4 Any information shown in the Contract Documents regarding the locations of underground utility facilities is included solely for the convenience of the Bidder. The Village assumes no responsibility whatsoever with respect to the sufficiency, accuracy, or inadequacy of such information. It shall be the Bidder's responsibility to obtain detailed information from the respective utility companies relating to the location of their facilities and the work schedules of the utility companies for removing or adjusting them. Utilities whose facilities may be affected by the work include, but may not be limited to, the following: Nicor, ComEd, SBC, Comcast Cable, Downers Grove Sanitary District, and Village water, storm sewer, and street lighting systems.
- 2.5 No oral or telephone interpretations of specifications shall be binding upon the Village. All requests for interpretations or clarifications shall be made in writing and received by the Village at least five (5) business days prior to the date set for receipt of Bids or the pre-bid conference, if offered. The Village shall make all changes or interpretations of the Contract Documents in a written addendum and shall provide an addendum to any Bidder of record. Any and all changes to the Contract Documents are valid only if they are included by written addendum to all Bidders. Each Bidder must acknowledge receipt of any addenda by indicating same on the Bid Form. Each Bidder, by acknowledging receipt of any addenda, is responsible for the contents of the addenda and any changes to the Bid therein. Failure to acknowledge any addenda may cause the Bid to be rejected. The Village will not assume responsibility for receipt of any addenda. In all cases, it will be the Bidder's responsibility to obtain all addenda issued. Bidders will provide written acknowledgement of receipt of each addendum issued with the bid submission.

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- 2.6 An estimate of the quantities of Work to be performed and the materials to be furnished is shown in the Bid Form. It is given as a basis for comparing the properly submitted Bids, and shall be used by the Village in awarding the Contract. The Village does not expressly warrant nor imply that the estimated quantities shown will correspond with those quantities required to perform the Work. No Bidder shall plead misunderstanding or deception because of such an estimate of quantities, or because of the character, location or other conditions pertaining to the Work. Payment shall be based on the actual quantities of work properly performed in accordance with the Contract, at the Contract unit prices specified. The Village reserves the right to increase, decrease or omit entirely, any or all items. No allowance will be made for any change in anticipated profits due to an increase or decrease in the original estimate of quantities.
- 2.7 The Bid shall be executed properly, and Bids shall be made for all items indicated in the Bid Form. The Bidder shall indicate, in figures, a unit price or lump sum price for each of the separate items called for in the Bid Form. The Bidder shall show the products of the respective quantities and unit prices in the column provided for that purpose. The gross sum shown in the place indicated in the Bid Form 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.
- 2.8 In case of error in the extension of prices in the Bid, the hourly rate or unit price will govern. In case of discrepancy in the price between the written and numerical amounts, the written amount will govern.
- 2.9 All costs incurred in the preparation, submission, and/or presentation of any Bid including the Bidder's travel or personal expenses shall be the sole responsibility of the Bidder and will not be reimbursed by the Village.
- 2.10 The Bidder hereby affirms and states that the prices quoted herein constitute the total cost to the Village for all work involved in the respective items, as well as the materials to be furnished in accordance with the collective requirements of the Contract Documents. The Bidder also affirms that this cost includes all insurance, bonds, royalties, transportation charges, use of all tools and equipment, superintendence, overhead expense, profits, and other work, services, and conditions necessarily involved in the work to be done.
- 2.11 The Bidder shall complete and submit with the Bid an "Affidavit" (IDOT Form BC-57, or similar) listing all uncompleted contracts, including subcontract work; all pending low bids not yet awarded or rejected, and equipment available.
- 2.12 The Bidder shall complete and submit with the Bid a "Municipal Reference List" indicating other municipalities for which the Bidder has successfully performed similar work.
- 3. PRE-BID CONFERENCE**
- 3.1 A pre-bid conference may be offered to provide additional information, inspection or review of current facilities or equipment, and to provide an open forum for questions from Bidders. This pre-bid conference is not mandatory (unless stated "Mandatory" on the cover of this document), but attendance by Bidders is strongly advised as this will be the last opportunity to ask questions concerning the Bid.



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3.2 Questions may be posed in writing to the Village (faxed and emailed questions are acceptable), but must be received by the Village prior to the scheduled time for the pre-bid conference. Questions received will be considered at the conference. An addendum may be issued as a result of the pre-bid conference. Such an addendum is subject to the provisions for issuance of an addendum as set forth in Section 2.5 above.

3.3 No Contract Documents will be issued after a mandatory pre-bid conference except to attendees.

#### **4. BID SUBMISSION**

4.1 An original copy of the sealed bid marked as indicated in Section 1 shall be submitted to the Village. Please do not bind any portion of the bid with staples.

4.2 A bid deposit will be required, which shall not exceed ten percent (10%) of the estimated cost of the work to be furnished. Such bid deposit shall be in the form of a bid bond, certified check, cash, or money order. Checks shall be drawn upon a bank of good standing payable to the order of the Village and said deposit shall be forfeited to the Village in the event the Bidder neglects or refuses to enter into a contract and bond when required, with approved sureties, to execute the Work or furnish the material for the price mentioned in their Bid and according to the plans and specifications in case the contract shall be awarded to them.

4.3 Bids shall be publicly opened at the hour and place indicated above.

#### **5. BID MODIFICATION OR WITHDRAWAL**

5.1 A Bid that is in the possession of the Village may be altered by a letter bearing the signature of the person authorized for submitting a Bid, provided that it is received prior to the time and date set for the bid opening. Telephone, email, or verbal alterations of a Bid will not be accepted.

5.2 A Bid that is in the possession of the Village may be withdrawn by the Bidder, up to the time set for the bid opening, by a letter bearing the signature of the person authorized for submitting Bids. Bids may not be withdrawn after the bid opening and shall remain valid for a period of ninety (90) days from the date set for the bid opening, unless otherwise specified.

#### **6. BID REJECTION**

6.1 Bids that contain omissions, erasures, alterations, additions not called for, conditional bids or alternate bids not called for, or irregularities of any kind, shall be rejected as informal or insufficient. Bids otherwise acceptable, which are not accompanied by the proper Proposal Guaranty, shall also be rejected as informal or insufficient. The Village reserves the right however, to reject any or all Bids and to waive such technical error as may be deemed best for the interest of the Village.

#### **7. BIDDER COMPETENCY**

7.1 No Bid will be accepted from, or contract awarded to, any person, firm, or corporation that is in arrears or is in default upon any debt or contract. The Bidder, if requested, must present evidence to the Village of ability and possession of necessary facilities, and financial resources to comply with the terms of the Contract Documents. Evidence must be presented within three (3) business days.

#### **8. BIDDER DISQUALIFICATION**

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- 8.1 Any one or more of the following causes may be considered as sufficient for the disqualification of a Bidder and the rejection of their Bid.
- 8.1.1 More than one Bid for the same Work from an individual, firm partnership, or corporation under the same or different names.
- 8.1.2 Evidence of collusion among Bidders.
- 8.1.3 Unbalanced Bids in which the prices for some items are substantially out of proportion to the prices for other items.
- 8.1.4 Failure to submit a unit price for each item of Work listed in the Bid Form.
- 8.1.5 Lack of competency as revealed by financial statement or experience questionnaire.
- 8.1.6 Unsatisfactory performance record as shown by past work, judged from the standpoint of workmanship and progress.
- 8.1.7 Uncompleted work which, in the judgment of the Village, might hinder or prevent the prompt completion of this Work.
- 8.1.8 Failure to submit a signed Bidder's Certificate stating the following:
- 8.1.8.1 That the Bidder is not barred from bidding on this Contract as a result of a violation of Sections 720 ILCS 5/33-E3 and 720 ILCS 5/33-E4 of the Illinois Compiled Statutes; and
- 8.1.8.2 The Bidder is not delinquent in the payment of any tax administered by the Illinois Department of Revenue; and
- 8.1.8.3 The Bidder will maintain the types and levels of insurance required by the terms of this contract; and
- 8.1.8.4 The Bidder will comply with the Illinois Prevailing Wage Act, 820 ILCS 130/1 *et seq.*

**9. BASIS OF AWARD**

- 9.1 The Village reserves the exclusive right to accept or reject any and all Bids or to waive sections, technicalities and irregularities, or to accept or reject any Bid or any item of any Bid.

**10. AWARD OF CONTRACT**

- 10.1 Unless the Village exercises its right to reject all Bids, the Contract will be awarded to that responsible Bidder whose Bid, conforming to the Contract Documents, will be most advantageous to the Village, price and other factors considered (the credentials, financial information, bonding capacity, insurance protection, qualifications of the labor and management of the firm, past experience, and ability to complete the project within time frame required - lowest responsible bidder).

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10.2 Unless otherwise specified, if a Contract is not awarded within ninety (90) days after the opening of Bids, a Bidder may file a written request with the Village for the withdrawal of their Bid. The Village 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 bid deposit. Any attempt or actual withdrawal or cancellation of a Bid by the awarded contractor who has been notified by the Village of the acceptance of said Bid shall be considered a breach of contract.

**11. RETURN OF BID DEPOSIT**

11.1 The bid deposit of all except the three (3) lowest responsive bidders on each contract will be returned within fifteen (15) days after the opening of Bids. The remaining bid deposits of each contractor will be returned within fifteen (15) days after the Village Council has awarded the contract and the required appurtenances to the contract have been received.

**12. FAILURE TO ENTER INTO CONTRACT**

12.1 Failure on the part of the successful Bidder to execute a Contract and provide acceptable bonds, as provided herein, within ten (10) days from the date of receipt of the Contract and Notice of Award from the Village, will be considered as just cause for the revocation of the award. The Bidder's bid security shall then be forfeited to the Village, not as a penalty, but in payment of liquidated damages sustained as a result of such failure.

12.2 Failure on the part of the successful Bidder to provide the Village a construction schedule for approval within ten (10) calendar days from the date of receipt of the Notice of Award from the Village, and, if required, provide a modified construction schedule as requested by the Village within an additional five (5) calendar days, may be considered as just cause for the revocation of the award. In such case, the Bidder's bid security shall then be forfeited to the Village, not as a penalty, but in payment of liquidated damages sustained as a result of such failure.

12.3 The Bidder shall not be allowed to claim lack of receipt where the Contract and Notice of Award was mailed by U.S. Postal Services certified mail to the business address listed in their Bid. In case the Village does not receive evidence of receipt within ten (10) days of the date of Notice of Award, the Village may revoke the award. The Bidder shall then forfeit the bid security to the Village, not as a penalty, but in payment of liquidated damages sustained as the result of such failure to execute the Contract.

12.4 By submitting a Bid, the Bidder understands and agrees that, if their Bid is accepted, and they fail to enter into a contract forthwith, they shall be liable to the Village for any damages the Village may thereby suffer.

**13. SECURITY FOR PERFORMANCE**

13.1 The successful Bidder shall, within ten (10) days after acceptance of the Bidder's Bid by the Village, furnish a Performance Bond and a Materials and Labor Payment Bond acceptable to the Village in the full amount of the Bid. Said bonds shall guarantee the Bidder's performance under the Contract Documents and shall guarantee payment of all subcontractors and material suppliers. Any bond shall include a provision that guarantees faithful performance of the Illinois Prevailing Wage Act, 820 ILCS 130/1 et seq.

**14. TAX EXEMPTION**

14.1 The Village is exempt from Illinois sales or use tax for direct purchases of materials and supplies.

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A copy of the Illinois Sales Tax Exemption Form will be issued upon request. The Village's federal identification number will also be provided to the selected Bidder.

**15. RESERVED RIGHTS**

- 15.1 The Village reserves the right to waive sections, irregularities, technicalities and informalities to this Contract and to accept any Bid and to reject any and all Bids and to disapprove of any and all subcontractors as may be in the best interest of the Village. Time and date requirements for receipt of Bids, however, will not be waived.

**16. CATALOGS AND SHOP DRAWINGS**

- 16.1 Each Bidder shall submit catalogs, descriptive literature, and detailed drawings, where applicable, to fully illustrate and describe the work or material he proposes to furnish.

**17. TRADE NAMES AND SUBSTITUTIONS**

- 17.1 Certain materials and equipment are specified by a manufacturer or trade name to establish standards or quality and performance and not for the purpose of limiting competition. Products of other manufacturers may be substituted, if, in the opinion of the Village, they are equal to those specified in quality, performance, design, and suitability for intended use. If the Bidder proposes to furnish an "equal", the proposed "equal" item must be so indicated in the written Bid. Where two or more items are specified, the selection among those specified is the Bidder's option, or they may submit their Bid on all such items. Detail specification sheets shall be provided by Bidder for all substituted items.

## **II. TERMS AND CONDITIONS**

### **18. VILLAGE ORDINANCES**

18.1 The successful bidder, now the Contractor, will strictly comply with all ordinances of the Village of Downers Grove and laws of the State of Illinois.

### **19. USE OF VILLAGE'S NAME**

19.1 The Contractor is specifically denied the right of using in any form or medium the name of the Village for public advertising unless the Village grants express permission.

### **20. HOURS OF WORK**

20.1 The Contractor shall do no work between the hours of 7:00 P.M. and 7:00 A.M., nor on Sundays or legal holidays. The Contractor shall do no work on Saturdays, unless otherwise approved in writing by the Village. If approved by the Village, allowed work hours on Saturdays shall be between the hours of 8:00 A.M. and 3:00 P.M. However, such work may be performed at any time if necessary, for the proper care and protection of work already performed, or in case of an emergency. All after-hour work is still subject to the permission of the Village. Any work, including the starting and/or idling of vehicles or machinery, or a congregation of workers prior to starting work, which may cause any noise level that can be heard by adjacent residents, performed outside of these hours of work and not authorized by the Village shall be subject to a fine of \$250 per day, per violation, which shall be deducted from the value of work completed.

### **21. PERMITS AND LICENSES**

21.1 The Contractor shall obtain all necessary permits and licenses required to complete the Work. The cost of acquisition of all necessary permits, bonds, insurance, and services as specified herein shall be considered INCLUDED IN THE TOTAL COST, and no additional compensation will be allowed the Contractor.

### **22. INSPECTION**

22.1 The Village shall have a right to inspect, by its authorized representative, any material, components, or workmanship as herein specified. Materials, components, or workmanship that have been rejected by the Village as not in accordance with the terms of the contract specifications shall be replaced by the Contractor at no cost to the Village.

### **23. DELIVERIES**

23.1 All materials shipped to the Village must be shipped F.O.B. designated location, Downers Grove, Illinois.

### **24. SPECIAL HANDLING**

24.1 Prior to delivery of any product that is caustic, corrosive, flammable, or dangerous to handle, the Contractor will provide written directions as to methods of handling such products, as well as the antidote or neutralizing material required for its first aid before delivery. Contractor shall also notify the Village and provide material safety data sheets for all substances used in connection with this Contract which are defined as toxic under the Illinois Toxic Substances Disclosure to Employees Act.

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**25. NONDISCRIMINATION**

25.1 Contractor shall, as a party to a public contract:

25.1.1 Refrain from unlawful discrimination in employment and undertake affirmative action to assure equality of employment opportunity and eliminate the effects of past discrimination;

25.1.2 By submission of this Bid, the Contractor certifies that they are an "equal opportunity employer" as defined by Section 2000(e) of Chapter 21, Title 42, U.S. Code Annotated and Executive Orders #11246 and #11375, which are incorporated herein by reference. The Equal Opportunity clause, Section 6.1 of the Rules and Regulations of the Department of Human Rights of the State of Illinois, is a material part of any contract awarded on the basis of this Bid.

25.2 It is unlawful to discriminate on the basis of race, color, religion, sex, marital status, national origin or ancestry, age, physical or mental disability unrelated to ability, military status, order of protection status, sexual orientation, sexual identity, or an unfavorable discharge from military service. Contractor shall comply with standards set forth in Title VII of the Civil Rights Act of 1964, 42 U.S.C. Secs. 2000 et seq., The Human Rights Act of the State of Illinois, 775 ILCS 5/1-101 et seq., and The Americans with Disabilities Act, 42 U.S.C. Secs. 12101 et seq.

**26. SEXUAL HARASSMENT POLICY**

26.1 The Contractor, as a party to a public contract, shall have a written sexual harassment policy that:

26.1.1 Notes the illegality of sexual harassment;

26.1.2 Sets forth the State law definition of sexual harassment;

26.1.3 Describes sexual harassment utilizing examples;

26.1.4 Describes the Contractor's internal complaint process including penalties;

26.1.5 Describes the legal recourse, investigative, and complaint process available through the Illinois Department of Human Rights and the Human Rights Commission and how to contact these entities; and

26.1.6 Describes the protection against retaliation afforded under the Illinois Human Rights Act.

**27. EQUAL EMPLOYMENT OPPORTUNITY**

27.1 In the event of the Contractor's non-compliance with the provisions of this Equal Employment Opportunity Clause, the Illinois Human Rights Act or the Rules and Regulations of the Illinois Department of Human Rights ("Department"), the Contractor may be declared ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and the contract may be canceled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies invoked as provided by statute or regulation. During the performance of this Contract, the Contractor agrees as follows:

27.1.1 That it will not discriminate against any employee or applicant for employment because of

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race, color, religion, sex, marital status, national origin or ancestry, age, physical or mental disability unrelated to ability, military status, order of protection status, sexual orientation, sexual identity, or an unfavorable discharge from military service; and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.

- 27.1.2 That, if it hires additional employees in order to perform this Contract or any portion thereof, it will determine the availability (in accordance with the Department's Rules and Regulations) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.
- 27.1.3 That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, marital status, national origin or ancestry, age, physical or mental disability unrelated to ability, military status, order of protection status, sexual orientation, or an unfavorable discharge from military services.
- 27.1.4 That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the Contractor's obligations under the Illinois Human Rights Act and the Department's Rules and Regulations. If any such labor organization or representative fails or refuses to cooperate with the Contractor in its efforts to comply with such Act and Rules and Regulations, the Contractor will promptly so notify the Department and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations thereunder.
- 27.1.5 That it will submit reports as required by the Department's Rules and Regulations, furnish all relevant information as may from time to time be requested by the Department or the contracting agency, and in all respects comply with the Illinois Human Rights Act and the Department's Rules and Regulations.
- 27.1.6 That it will permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency and the Department for purpose of investigation to ascertain compliance with the Illinois Human Rights Act and the Department's Rules and Regulations.
- 27.1.7 That it will include verbatim or by reference the provisions of this clause in every subcontract it awards under which any portion of the contract obligations are undertaken or assumed, so that such provisions will be binding upon such subcontractor. In the same manner as with other provisions of this Contract, the Contractor will be liable for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the contracting agency and the Department in the event any subcontractor fails or refuses to comply therewith. In addition, the Contractor will not utilize any subcontractor declared by the Illinois Human Rights Commission to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivision or municipal corporations.

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**28. DRUG FREE WORK PLACE**

28.1 Contractor, as a party to a public contract, certifies and agrees that it will provide a drug free workplace by:

28.1.1 Publishing a statement:

(1) Notifying employees that the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance, including cannabis, is prohibited in the Village's or Contractor's workplace.

(2) Specifying the actions that will be taken against employees for violations of such prohibition.

(3) Notifying the employee that, as a condition of employment on such contract or grant, the employee will:

(A) abide by the terms of the statement; and

(B) notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such conviction.

28.1.2 Establishing a drug free awareness program to inform employee's about:

(1) the dangers of drug abuse in the workplace;

(2) the Village's or Contractor's policy of maintaining a drug free workplace;

(3) any available drug counseling, rehabilitation, and employee assistance programs;

(4) the penalties that may be imposed upon employees for drug violations.

28.1.3 Providing a copy of the statement required by subparagraph 11.1 to each employee engaged in the performance of the contract or grant and to post the statement in a prominent place in the workplace.

28.1.4 Notifying the contracting or granting agency within ten (10) days after receiving notice under part (3)(B) of paragraph 11.1 above from an employee or otherwise receiving actual notice of such conviction.

28.1.5 Imposing a sanction on, or requiring the satisfactory participation in a drug abuse assistance or rehabilitation program by any employee who is so convicted as required by section 5 of the Drug Free Workplace Act.

28.1.6 Assisting employees in selecting a course of action in the event drug counseling, treatment, and rehabilitation is required and indicating that a trained referral team is in place.

28.1.7 Making a good faith effort to continue to maintain a drug free workplace through implementation of the Drug Free Workplace Act.

**29. SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS PROJECTS ACT**

29.1 In the event this is a public works project as defined under the Prevailing Wage Act, 820 ILCS 130/2, Contractor agrees to comply with the Substance Abuse Prevention on Public Works Projects Act, 820 ILCS 265/1 *et seq.*, and further agrees that all of its subcontractors shall comply with such Act. As required by the Act, Contractor agrees that it will file with the Village prior to commencing work its written substance abuse prevention program and/or that of its subcontractor(s) which meet



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or exceed the requirements of the Act.

**30. PREVAILING WAGE ACT**

- 30.1 Contractor agrees to comply with the Illinois Prevailing Wage Act, 820 ILCS 130/1 et seq., for all work completed under this Contract. Contractor agrees to pay the prevailing wage and require that all of its subcontractors pay prevailing wage to any laborers, workers or mechanics who perform work pursuant to this Contract or related subcontract. For applicable rates, go to the State of Illinois – Department of Labor website ([www.state.il.us/agency/idol/rates/rates.HTM](http://www.state.il.us/agency/idol/rates/rates.HTM)) and use the most current DuPage County rate. The Department revises the prevailing wage rates and the Contractor or subcontractor has an obligation to check the Department’s website for revisions to prevailing wage rates throughout the duration of this Contract.
- 30.2 Contractor and each subcontractor shall keep or cause to be kept accurate records of all laborers, mechanics and other workers employed by them on the public works project, which records must include each worker’s name, address, telephone number when available, the last four digits of the worker’s social security number, gender, race, ethnicity, veteran’s status, skill level, classification, hourly wage paid (including itemized hourly cash and fringe benefits paid in each pay period), number of hours worked each day, the starting and ending times of work each day, the worker’s hourly wage rate, the worker’s hourly overtime wage rate, the worker’s hourly fringe benefit rates, the name and address of each fringe benefit fund, the plan sponsor of each fringe benefit, if applicable, and the plan administrator of each fringe benefit, if applicable. These records shall be open to inspection at all reasonable hours by any representative of the Village or the Illinois Department of Labor (IDOL) and must be preserved for five (5) years from the date of the last payment on the public work.
- 30.3 Since this is a contract for a public works project, as defined in 820 ILCS 130/2, Contractor agrees to post at the job site in an easily accessible place, the prevailing wages for each craft or type of worker or mechanic needed to execute the contract or work to be performed.
- 30.4 Because this is a public works project as defined under the Prevailing Wage Act, 820 ILCS 130/2, any and all contractors and subcontractors shall submit certified payroll records to IDOL no later than the fifteenth (15th) day of each calendar month for the immediately preceding month in which construction on a public works project has occurred. Contractor shall then provide an IDOL certification and case number to the Village. **WITHOUT THIS PAPERWORK, NO INVOICE SHALL BE PAID BY THE VILLAGE.** Filing false records is a Class A misdemeanor.
- 30.5 In the event that this is a construction project where Motor Fuel tax monies or state grant monies are used in the construction, maintenance and extension of municipal streets, traffic control signals, street lighting systems, storm sewers, pedestrian subways or overhead crossings, sidewalks and off-street parking facilities, and the like, the Village will require an Apprenticeship and Training Certification, attached after the Bidder’s Certification.
- 30.6 Any bond furnished as security for performance shall include a provision that guarantees faithful performance of the Illinois Prevailing Wage Act, 820 ILCS 130/1 et seq.
- 31. PATRIOT ACT COMPLIANCE**
- 31.1 The Contractor represents and warrants to the Village that neither it nor any of its principals, shareholders, members, partners, or affiliates, as applicable, is a person or entity named as a

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Specially Designated National and Blocked Person (as defined in Presidential Executive Order 13224) and that it is not acting, directly or indirectly, for or on behalf of a Specially Designated National and Blocked Person. The Contractor further represents and warrants to the Village that the it and its principals, shareholders, members, partners, or affiliates, as applicable are not, directly or indirectly, engaged in, and are not facilitating, the transactions contemplated by this Contract on behalf of any person or entity named as a Specially Designated National and Blocked Person. The Contractor hereby agrees to defend, indemnify and hold harmless the Village, and its elected or appointed officers, employees, agents, representatives, engineers and attorneys, from and against any and all claims, damages, losses, risks, liabilities and expenses (including reasonable attorney’s fees and costs) arising from or related to any breach of the foregoing representations and warranties.

**32. INSURANCE REQUIREMENTS**

32.1 Prior to starting the Work, Contractor and any Subcontractors shall procure, maintain and pay for such insurance as will protect against claims for bodily injury or death, or for damage to property, including loss of use, which may arise out of operations by the Contractor or Subcontractor or any Sub-Sub Contractor or by anyone employed by any of them, or by anyone for whose acts any of them may be liable. Such insurance shall not be less than the greater of coverages and limits of liability specified below or any coverages and limits of liability specified in the Contract Documents or coverages and limits required by law unless otherwise agreed to by the Village.

Workers Compensation	\$500,000	Statutory
Employers Liability	\$1,000,000	Each Accident
	\$1,000,000	Disease Policy Limit
	\$1,000,000	Disease Each Employee
Comprehensive General Liability	\$2,000,000	Each Occurrence
	\$2,000,000	Aggregate <i>(Applicable on a Per Project Basis)</i>
Commercial Automobile Liability	\$1,000,000	Each Accident
Professional Errors & Omissions (pursuant to section 32.9 below)	\$2,000,000	Each Claim
	\$2,000,000	Annual Aggregate
Umbrella Liability	\$ 5,000,000	

32.2 Comprehensive General Liability Insurance required under this paragraph shall be written on an occurrence form and shall include coverage for Products/Completed Operations, Personal Injury with Employment Exclusion (if any) deleted, Blanket XCU and Blanket Contractual Liability insurance applicable to defense and indemnity obligations and other contractual indemnity assumed under the Contract Documents. The limit must be on a “Per Project Basis”.

32.3 Commercial Automobile Liability Insurance required under this paragraph shall include coverage

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for all owned, hired, and non-owned automobiles.

- 32.4 Workers Compensation coverage shall include a waiver of subrogation against the Village.
- 32.5 Comprehensive General Liability, Employers Liability, and Commercial Automobile Liability Insurance may be arranged under single policies for full minimum limits required, or by a combination of underlying policies with the balance provided by Umbrella and/or Excess Liability policies.
- 32.6 Contractor and all Subcontractors shall have their respective Comprehensive General Liability (including products/completed operations coverage), Employers Liability, Commercial Automobile Liability, and Umbrella/Excess Liability policies endorsed to add the “Village of Downers, its officers, officials, employees and volunteers” as “additional insureds” with respect to liability arising out of operations performed; claims for bodily injury or death brought against the Village by any Contractor or Subcontractor employees, or the employees of Subcontractor’s subcontractors of any tier, however caused, related to the performance of operations under the Contract Documents. Such insurance afforded to the Village shall be endorsed to provide that the insurance provided under each policy shall be *Primary and Non-Contributory*.
- 32.7 Contractor and all Subcontractors shall maintain in effect all insurance coverages required by the Contract Documents at their sole expense and with insurance carriers licensed to do business in the State of Illinois and having a current A.M. Best rating of no less than A-VIII. In the event that the Contractor or any Subcontractor fails to procure or maintain any insurance required by the Contract Documents, the Village may, at its option, purchase such coverage and deduct the cost thereof from any monies due to the Contractor or Subcontractor, or withhold funds in an amount sufficient to protect the Village, or terminate this Contract pursuant to its terms.
- 32.8 All insurance policies shall contain a provision that coverages and limits afforded hereunder shall not be canceled, materially changed, non-renewed or restrictive modifications added, without thirty (30) days prior written notice to the Village. Renewal certificates shall be provided to the Village not less than five (5) days prior to the expiration date of any of the required policies. All Certificates of Insurance shall be in a form acceptable to the Village and shall provide satisfactory evidence of compliance with all insurance requirements. The Village shall not be obligated to review such certificates or other evidence of insurance, or to advise Contractor or Subcontractor of any deficiencies in such documents, and receipt thereof shall not relieve the Contractor or Subcontractor from, nor be deemed a waiver of the right to enforce the terms of the obligations hereunder. The Village shall have the right to examine any policy required and evidenced on the Certificate of Insurance.
- 32.9 If the Work under the Contract Documents includes design, consultation, or any other professional services, Contractor or the Subcontractor shall procure, maintain, and pay for Professional Errors and Omissions insurance with limits of not less than \$2,000,000 per claim and \$2,000,000 annual aggregate. If such insurance is written on a claim made basis, the retrospective date shall be prior to the start of the Work under the Contract Documents. Contractor and all Subcontractors agree to maintain such coverage for three (3) years after final acceptance of the Project by the Village or such longer period as the Contract Documents may require. Renewal policies during this period shall maintain the same retroactive date.

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32.10 Any deductibles or self-insured retentions shall be the sole responsibility of the Insured. At the option of the Village, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the Village, its officers, officials, employees, and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

**33. INDEMNITY AND HOLD HARMLESS AGREEMENT**

33.1 To the fullest extent permitted by law, the Contractor shall indemnify, keep, and save harmless the Village and its agents, officers, and employees, against all injuries, deaths, strikes, losses, damages, claims, suits, liabilities, judgments, costs, and expenses, which may arise directly or indirectly from any negligence or from the reckless or willful misconduct of the Contractor, its employees, or its subcontractors.

33.2 The Contractor shall, at its own expense, appear, defend and pay all charges of attorneys and all costs and other expenses arising therefrom or incurred in connection therewith, and, if any judgment shall be rendered against the Village in any such action, the Contractor shall, at its own expense, satisfy and discharge the same. This agreement shall not be construed as requiring the Contractor to indemnify the Village for its own negligence. The Contractor shall indemnify, keep, and save harmless the Village only where a loss was caused by the negligent, willful or reckless acts or omissions of the Contractor, its employees, or its subcontractors.

**34. SUBLETTING OF CONTRACT**

34.1 No contract awarded by the Village shall be assigned or any part subcontracted without the written consent of the Village. In no case shall such consent relieve the Contractor from their obligation or change the terms of this Contract.

All approved subcontracts shall contain language which incorporates the terms and conditions of this Contract.

**35. TERMINATION OF CONTRACT**

35.1 The Village reserves the right to terminate the whole or any part of this Contract, upon written notice to the Contractor, for any reason.

35.2 The Village further reserves the right to terminate the whole or any part of this Contract, upon written notice to the Contractor, in the event of default by the Contractor. Default is defined as failure of the Contractor to perform any of the provisions of this Contract or failure to make sufficient progress so as to endanger performance of this Contract in accordance with its terms. In the event that the Contractor fails to cure the default upon notice, and the Village declares default and termination, the Village may procure, upon such terms and in such manner as it may deem appropriate, supplies or services similar to those so terminated. The Village may also contact the issuer of the Performance Bond to complete the Work. The Contractor shall be liable for any excess costs for such similar supplies or services. Any such excess costs incurred by the Village may be set off against any monies due and owing by the Village to the Contractor.

**36. BILLING AND PAYMENT PROCEDURES**

36.1 Payment will be made upon receipt of an invoice referencing Village purchase order number. Once an invoice and receipt of materials or service have been verified, the invoice will be processed for payment in accordance with the Village's payment schedule. The Village will comply with the

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Local Government Prompt Payment Act, 50 ILCS 505/1 et seq., in that any bill approved for payment must be paid or the payment issued to the Contractor within 60 days of receipt of a proper bill or invoice. If payment is not issued to the Contractor within this 60-day period, an interest penalty of 1.0% of any amount approved and unpaid shall be added for each month or fraction thereof after the end of this 60-day period, until final payment is made.

36.2 The Village shall review each bill or invoice in a timely manner after its receipt. If the Village determines that the bill or invoice contains a defect making it unable to process the payment request, the Village shall notify the Contractor as soon as possible after discovering the defect pursuant to rules promulgated under 50 ILCS 505/1 et seq. The notice shall identify the defect and any additional information necessary to correct it.

36.3 As this Contract is for work defined as a “fixed public work” project under the Illinois Prevailing Wage Act, 820 ILCS 130/2 and pursuant to section 30.4 of this Call For Bid, the Contractor shall provide an IDOL certification and case number to the Village along with the invoice. No invoice shall be paid without said records.

36.4 Please send all invoices to the attention of: Village of Downers Grove, Public Works, 5101 Walnut Ave., Downers Grove, IL 60515.

**37. COMPLIANCE WITH OSHA STANDARDS**

37.1 Equipment supplied to the Village must comply with all requirements and standards as specified by the Occupational Safety and Health Act. All guards and protectors as well as appropriate markings will be in place before delivery. Items not meeting any OSHA specifications will be refused.

**38. CERCLA INDEMNIFICATION**

38.1 The Contractor shall, to the maximum extent permitted by law, indemnify, defend, and hold harmless the Village, its officers, employees, agents, and attorneys from and against any and all liability, including without limitation, costs of response, removal, remediation, investigation, property damage, personal injury, damage to natural resources, health assessments, health settlements, attorneys' fees, and other related transaction costs arising under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, 42 U.S.C.A. Sec. 9601, et seq., as amended, and all other applicable statutes, regulations, ordinances, and under common law for any release or threatened release of the waste material collected by the Contractor, both before and after its disposal.

38.2 If the Contractor encounters any waste material governed by the above Act, it shall immediately notify the Village and stop working in the area until the above requirements can be met.

**39. COPYRIGHT or PATENT INFRINGEMENT**

39.1 The Contractor agrees to indemnify, defend, and hold harmless the Village against any suit, claim, or proceeding brought against the Village for alleged use of any equipment, systems, or services provided by the Contractor that constitutes a misuse of any proprietary or trade secret information or an infringement of any patent or copyright.

**40. BUY AMERICA**

40.1 The Contractor agrees to comply with 49 U.S.C.5323(j), the Federal Transportation

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Administration's (FTA) Buy America regulations at 49 C.F.R. Part 661, and any amendments thereto, and any implementing guidance issued by the FTA, with respect to this Contract, when financed by Federal funds (through a grant agreement or cooperative agreement).

40.2 As a condition of responsiveness, the Contractor agrees to submit with its Bid submission, an executed Buy America Certificate, attached hereto.

**41. CAMPAIGN DISCLOSURE**

41.1 Any contractor, proposer, bidder, or vendor who responds by submitting a bid or proposal to the Village of Downers Grove shall be required to submit with its bid submission, an executed Campaign Disclosure Certificate, attached hereto.

41.2 The Campaign Disclosure Certificate is required pursuant to the Village of Downers Grove Council Policy on Ethical Standards and is applicable to those campaign contributions made to any member of the Village Council.

41.3 Said Campaign Disclosure Certificate requires any individual or entity bidding to disclose campaign contributions, as defined in Section 9-1.4 of the Election Code (10 ILCS 5/9-1.4), made to current members of the Village Council within the five (5) year period preceding the date of the bid or proposal release.

41.4 By signing the bid documents, contractor/proposer/bidder/vendor agrees to refrain from making any campaign contributions as defined in Section 9-1.4 of the Election Code (10 ILCS 5/9-1.4) to any Village Council member and any challengers seeking to serve as a member of the Downers Grove Village Council.

**42. GUARANTEE PERIOD**

42.1 The Contractor shall guarantee all work and provide a maintenance bond for the full amount of the contract, covering a minimum period of one (1) year after approval and acceptance of the Work. The bond shall be in such form as the Village may prescribe, unless otherwise noted in the Specifications, and shall be submitted before receiving final payment. If longer guarantee periods are required, they will be noted in the Special Provisions for this project.

**43. SUCCESSORS AND ASSIGNS**

43.1 The terms of this Contract will be binding upon and inure to the benefit of the parties and their respective successors and assigns; provided, however, that neither party will assign this Contract in whole or in part without the prior written approval of the other. The Contractor will provide a list of key staff, titles, responsibilities, and contact information to include all expected subcontractors.

**44. WAIVER OF BREACH OF CONTRACT**

44.1 The waiver by one party of any breach of this Contract or the failure of one party to enforce at any time, or for any period of time, any of the provisions hereof will be limited to the particular instance and will not operate or be deemed to waive any future breaches of this Contract and will not be construed to be a waiver of any provision except for the particular instance.

**45. CHANGE ORDERS**

45.1 The contract price is a "not-to-exceed" cost. At any time additional work is necessary or requested,

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and the not-to-exceed price is increased thereby, all parties must agree to any change, addition, or price increase in writing.

- 45.2 Change orders for public works projects which authorize an increase in the contract price that is 50% or more of the original contract price or that authorize or necessitate any increase in the price of a subcontract under the contract that is 50% or more of the original subcontract price must be resubmitted for bidding in the same manner by which the original contract was bid. (50 ILCS 525/1)

**46. SEVERABILITY OF INVALID PROVISIONS**

- 46.1 If any provisions of this Contract are held to contravene or be invalid under the laws of any state, country or jurisdiction, contravention will not invalidate the entire Contract, but it will be construed as if not containing the invalid provision and the rights or obligations of the parties will be construed and enforced accordingly.

**47. GOVERNING LAW AND VENUE**

- 47.1 This Contract will be governed by and construed in accordance with the laws of the State of Illinois. Venue is proper only in the County of DuPage for state cases or the Northern District of Illinois for federal cases.

**48. NOTICE**

- 48.1 Any notice will be in writing and will be deemed to be effectively served when deposited in the mail with sufficient first class postage affixed, and addressed to the party at the party's place of business. Notices shall be addressed to the Village as follows:

**Village Manager  
Village of Downers Grove  
801 Burlington Ave.  
Downers Grove, IL 60515**

And to the Contractor as designated on the Contract Form.

**49. AMENDMENT**

- 49.1 This Contract will not be subject to amendment unless made in writing and signed by all parties.

**50. COOPERATION WITH FOIA COMPLIANCE**

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

**51. EMPLOYMENT OF ILLINOIS WORKERS ON PUBLIC WORKS ACT**

- 51.1 If the work contemplated by this Contract is funded or financed in whole or in part with State Funds or funds administered by the State, Contractor agrees to comply with the terms of the Employment of Illinois Workers on Public Works Act by employing at least 90% Illinois laborers on the project. 30 ILCS 570/1 et seq. Contractor agrees further to require compliance with this Act by all of its subcontractors.

**52. DISADVANTAGED BUSINESS ENTERPRISE (DBE) CERTIFICATION**

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Pursuant to 35 ILCS 200/18-50.2, Contractor and all subcontractors are required to complete and submit a Vendor DBE certification, regardless of DBE status. Contractor shall complete and require all its subcontractors to complete the DBE certification for this project at [www.downers.us/vss](http://www.downers.us/vss). The information necessary for the Contractor and all subcontractors to complete the certification includes the following: DBE Classification (minority-owned, women-owned, persons with disabilities-owned, veteran-owned, or none); if DBE, whether the company holds a certificate or self-certifies; if self-certifying, whether the company qualifies as a small business under the U.S. Small Business Administration standards; the company's name, address, city, state, and zip code; company's contact person's name, title, telephone number and email address. NO PAYMENTS WILL BE MADE TO THE CONTRACTOR BY THE VILLAGE UNLESS AND UNTIL ALL OF THE CERTIFICATIONS FOR THE CONTRACTOR AND SUBCONTRACTORS HAVE BEEN COMPLETED.



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**III. GENERAL PROVISIONS****1. STANDARD SPECIFICATIONS**

- 1.1 The following standards shall govern the construction of the proposed improvements:
- 1.1.1 Standard Specifications for Water and Sewer Main Construction in Illinois, Seventh Edition, 2014 (the Water & Sewer Specs.); and
- 1.1.2 Standard Specifications for Road and Bridge Construction as adopted by the Illinois Department of Transportation, January 1, 2022; along with Supplemental Specifications and Recurring Special Provisions as adopted by the Illinois Department of Transportation, January 1, 2024 (collectively the “SSRBC”); and
- 1.1.3 Water Distribution Specifications, Village of Downers Grove, Illinois, revised January 2017.
- 1.1.4 Standard Detail Drawings, Village of Downers Grove, Illinois revised January 2019.
- 1.2 These Contract Documents shall take precedence whenever there are conflicts in the wording or statements made by the above specifications and these Contract Documents.
- 1.3 Unless otherwise referenced herein, Division I of the Water and Sewer Specs and Section 102 and Articles 104.02, 104.03, 104.07, 107.02, 107.27, 107.35, 108.10, 108.11, and 108.12 of the Standard Specifications are hereby suspended.

**2. COOPERATION OF CONTRACTOR**

- 2.1 The Contractor will be supplied with a minimum of two (2) sets of approved plans and contract assemblies including Special Provisions, one set of which the Contractor shall keep available on the work site at all times. The Contractor shall give the work site constant attention necessary to facilitate the progress thereof, and shall cooperate with the Village in every way possible.
- 2.2 The Contractor shall assign a superintendent for the work per Sections 105.06 and 108.06 of the SSRBC and as amended herein. The Contractor’s superintendent shall be involved in the work to the extent necessary to prosecute the work per the Contract. Furthermore, the superintendent shall be required to attend weekly progress meetings, provide two-week schedules of expected construction activities, provide updated overall construction schedules and, if required by the Engineer, acknowledge and sign IDOT Form BC-239 Weekly Report of Resident. The Contractor shall not replace the superintendent without prior written notification to the Village.

**3. LEGAL REGULATIONS AND RESPONSIBILITY TO THE PUBLIC**

- 3.1 Section 107 of the SSRBC shall govern the Contractor’s legal regulations and responsibility to the public, with the following additions:
- 3.1.1 **PROJECT SAFETY.** Add the following to Article 107.28:
- 3.1.1.1 The Contractor shall conduct their work in such a manner as to provide an

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environment consistent with the safety, health, and well being of those engaged in the completion of the Work specified in this Contract.

- 3.1.1.2 The Contractor shall comply with all State and Federal Safety Regulations as outlined in the latest revisions of the Federal Construction Safety Standards (Series 1926) and with applicable provisions and/or regulations of the Occupation Safety and Health Administration (OSHA) and Standards of the Williams-Stelger Occupational Health Safety Act of 1970 (Revised). SPECIAL ATTENTION SHALL BE PAID TO COMPLIANCE WITH OSHA'S SUBPART P – EXCAVATIONS STANDARD.
- 3.1.1.3 The Contractor and Village shall each be responsible for their own respective agents and employees.
- 3.1.1.4 The Contractor shall, prior to performing any work, request information from the Village regarding any existing confined spaces owned by the Village that may be entered in the course of the work, and shall obtain all required confined space entry permits prior to entering any confined spaces. Contractor shall follow all current laws and regulations with regard to confined space entry. Contractor shall maintain and, upon request, provide full documentation of compliance with the appropriate confined space permits for each separate confined space entered on the project.
- 3.1.2 **BACKING PRECAUTIONS.** Pursuant to Sections 14 139(b) and 14 171.1 of the Downers Grove Municipal Code, any motor vehicle which has an obstructed view to the rear and is to be operated at any time in reverse gear on the public streets of the Village by the Contractor or any subcontractor shall either be equipped with a reverse signal alarm (backup alarm) audible above and distinguishable from the surrounding noise level, or shall provide an observer to signal that it is safe to back up.
- 3.1.3 **OVERWEIGHT, OVERWIDTH, AND OVERHEIGHT PERMITS.** The Village has and supports an overweight truck enforcement program. Contractors are required to comply with weight requirements and safety requirements as established by Illinois Law or Village Ordinance, for vehicles, vehicle operators and specialty equipment. In some instances, specialty equipment for road repairs or construction projects requires the movement of overweight, overwidth, or overheight loads utilizing a Village roadway. Such movement will require obtaining a permit from the Village Police Department's Traffic Supervisor.
- 3.1.4 **BARRICADES AND WARNING SIGNS.** The Contractor shall provide the Village with a telephone number of a person or company who is available 24 hours per day, seven days per week, to erect additional barricades or signs. If the Village or its representative deems it necessary for the Public's safety to erect additional barricades or signs during normal working hours, the Contractor will furnish the necessary barricades or signs, and have them in place within 30 minutes. If, after normal working hours, the requested signs are not in place within three hours after the request is made, the Village reserves the right to have the barricades and signs erected. The cost of erecting the barricades and signs shall be deducted by the Village from any payments due the Contractor.

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**4. PROSECUTION AND PROGRESS**

4.1 Section 108 of the SSRBC shall govern the prosecution and progress of the work, with the following additions:

4.1.1 The Contractor shall schedule their work such that all improvements shall be complete by **Friday, September 20th, 2024**. The completion date will remain binding throughout the duration of the Contract unless revised in writing by the Village.

4.1.2 The total duration of disturbance for work related to means of public egress through the project site or access to private property (e.g. removal and replacement of curb and gutters, sidewalks, driveway entrances, etc.) must not exceed ten (10) calendar days. The Contractor may use high-early strength concrete, meeting all specifications herein, **at their own expense** to help meet this requirement.

4.1.3 The Contractor shall also make special note of the following work schedule requirements:

4.1.3.1 Proposed improvements shall not begin before **May 28, 2024** and shall be 100% complete by the date specified in Section 4.1.1.

4.1.3.2 Allowed work hours for days after August 15, 2024 shall be between **8:30 a.m. and 2:00 p.m.**

4.1.3.3 After installation of HMA base course on any street, the contractor will have two weeks to grind butt joints, prep, and install surface course on that street.

4.1.3.4 For the period prior to turf restoration, Contractor shall properly backfill, compact, and grade all disturbed areas within 5 calendar days of their completion. If conditions for sod placement fall outside of the specifications, temporary erosion control blanket shall be installed.

4.1.4 Should the Contractor fail to complete the work on or before the specified completion dates set forth in Sections 4.1.1, 4.1.2, or within such extended time as may be allowed, the Contractor shall be liable for liquidated damages in accordance with the applicable sections of Article 108.09 of the SSRBC. In addition, the Contractor shall be liable for additional costs incurred by the Village due to the delay for construction engineering services, which shall be deducted from the value of work completed.

4.1.5 Upon substantial completion of the project, the Engineer will deliver to the Contractor a punch list as well as a due date for completion of the punch list. If the Contractor fails to complete the punch list by the stated punch list completion date, the Contractor shall be liable for liquidated damages in accordance with the applicable sections of Article 108.09 of the SSRBC.

4.1.6 Prior to commencing construction, a meeting will be held with the Contractor and the Village. Any questions concerning procedures, general conditions, special provisions, plans or specific items related to the project shall be answered and clarified. No Pre-Construction meeting shall be scheduled until submittals, performance bonds, and certificates of

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insurance are delivered to, and approved by, the Village.

- 4.1.7 Upon completion of all water main installation including all water service lines and abandonment of the existing water main at each location the contractor shall have 21 calendar days to complete all restoration work, which will include replacement of curb and gutter, sidewalk, driveway aprons, pavement patching, installation of level binder, and backfilling of all parkway disturbances.
- 4.1.8 Weekly progress meetings may be required by the Village. If required, the Contractor shall have a capable person, such as a site superintendent or project manager, attend such meetings and be prepared to report on the prosecution of the Work according to the progress schedule. The Village reserves the right to require adjustments to scheduling of work.

## 5. MEASUREMENT AND PAYMENT

5.1 Section 109 of the SSRBC shall govern measurement and payment, with the following additions:

- 5.1.1 Modifies Article 109.07 - Partial payments will be made per Section 36 of Part II of this document (Billing and Payment Procedures.)
- 5.1.2 The Village will require that partial and final affidavits for all labor, materials, and equipment used on the Project and certified payroll records, be submitted with the partial and final payment requests. Such waivers shall indicate that charges for all labor, materials, and equipment used on the project have been paid. Partial waivers from suppliers and subcontractors may be submitted after the first payment to the Contractor, and before the subsequent payment to that which they apply. However, partial waivers from the Contractor must accompany the invoice of the payment to which it applies. All final waivers, from all suppliers and subcontractors MUST accompany the Contractor's invoice upon submittal for final payment. A sworn statement by the Contractor shall accompany full waivers. Such requirement for full waivers is solely for the benefit of the Village and shall not be construed to benefit any other person. Partial payment for work done shall in no way imply acceptance of the work to that date.
- 5.1.3 For each progress payment made to the Contractor prior to acceptance of the Work by the Village, the Village shall have the right to retain ten percent (10%) of the amount due to the Contractor for each such payment. The Village may, in its sole discretion, reduce the amount to be retained at any time.

Typically, upon completion of 50% of the work, as determined by the Engineer, retainage may be reduced to 5%. Upon substantial completion, as determined by the Engineer, retainage may be reduced to 2%. Additionally, the Village has the right to withhold an amount of money equivalent to complete unfinished work and/or work that may need to be redone.

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**6. SCOPE OF WORK**

6.1 In addition to the Special Provisions in the Detailed Specifications Section below, Section 104 of the SSRBC shall govern scope of work, with the following revisions:

6.1.1 Modify Article 104.02 as follows:

**104.02 Alterations, Cancellations, Extensions, Deductions, and Extra Work.**

The Department 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 Engineer 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 cost plus any additions 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 Engineer 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 (d) 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~~ OR DECREASED 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 Article 109.04.

(d) Extra work for which there is a pay item at unit price in the contract which for any one

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or more of the following reasons materially increases or decreases the cost of the pay item as bid and which is not included in the prices bid for other items in the contract will be paid for according to Article 109.04. This includes:

- (1) Work involving a substantial change of location.
- (2) Work which differs in design.
- (3) Work requiring a change in the type of construction.

(e) In cases where the Department cancels or alters any portion of the contract items, items which are partially completed will be paid for as specified in Article 109.06.

Claims for extra work which have not been authorized in writing by the Engineer will be rejected.

#### **IV. SPECIAL PROVISIONS**

**The following Special Provisions shall modify, supersede, or supplement the Standard Specifications referred to in Section III - General Provisions.**

Where any section, subsection, paragraph, or subparagraph of the Standard Specifications is *supplemented* by any of the following paragraphs, the provisions of such section, subsection, paragraph, or subparagraph shall remain in effect. The Special Provisions shall govern in addition to the particular Standard Specification so supplemented, and not in lieu thereof.

Where any section, subsection, paragraph, or subparagraph of the Standard Specifications is *amended, voided, or superseded* by any of the following paragraphs, any provision of such section, subsection, paragraph, or subparagraph standing unaffected, shall remain in effect. The Special Provisions shall govern in lieu of any particular provision of the Standard Specification so amended, voided, or superseded, and not in addition to the portion changed.

##### **SP-1 SCOPE OF WORK**

This project shall consist of the installation of approximately 1,750 LF of 8" DIP water main, 50 LF of 12" DIP water main, installation of 23 residential water services, removal and installation of 1,250 LF of storm sewer, removal and reconstruction of 3,200 SY of HMA roadway, resurfacing 900 SY of HMA roadway, full depth patching of 450 SY of HMA roadway, construction of 2,600 LF of new concrete curb and gutter, PCC sidewalk and driveway apron removal and replacement, and all other collateral work such as erosion control and parkway restoration.

##### **SP-2 GENERAL CONSTRUCTION REQUIREMENTS**

The following general requirements are intended to govern the overall priority for the performance of the work described in this contract. As general requirements, they are not intended to dictate to the Contractor the precise method by which these tasks shall be performed.

No more than three hundred linear feet (300 LF) of pavement may be open-cut and closed to use by the motoring public. Access to **all** individual drives within the current work zone must be restored at the end of each workday except when access is subject to placement of and curing of concrete pavement, sidewalk and/or curb and gutter. In such case, the Contractor shall provide the Engineer a daily schedule of construction activities impacting access.

The Contractor shall maintain traffic flow on ALL STREETS during the day in accordance with the applicable special provision, unless stated otherwise by a Village-approved traffic control plan. Adequate signing and flagging is of particular importance for safe travel of all residents.

##### **Protection of Work**

The Contractor shall be responsible to provide personnel to protect their work from third party damage. Should any of the new work be damaged, it shall be removed and replaced at the Contractor's expense. The Contractor shall schedule their work so that the concrete placed, takes its initial set during daylight hours. Claims of darkness shall not be reason to relieve the Contractor from responsibility.

##### **Cleaning Up**

The Contractor shall, at all times, keep the premises free from an accumulation of waste material or rubbish caused by their employees or work. At the end of the day, they shall remove all their rubbish from and

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about the streets and sidewalks. All their tools, form boards, and surplus materials shall be removed and relocated to any temporary on site storage location assigned by the Village or its Engineer, and shall leave their work "broom clean" or its equivalent, unless more precisely defined. Upon completion of the work called for by the contract, and upon final inspection and acceptance, the Contractor shall remove any of their remaining rubbish, tools, form boards, and surplus materials completely from the work site.

In case of dispute, the Village may remove the rubbish and any other materials and charge the cost to the Contractor.

**SP-3 PRECONSTRUCTION VIDEOTAPING**

**Description:** This work shall consist of furnishing all materials and labor required to perform a videotape survey of the construction limits, adjacent right-of-way, and adjacent structures bordering the work. This shall include, but not be limited to, existing buildings, garages, pavements, curb and gutter, sidewalks, fences, trees, and landscaping. Two (2) copies of the videotape shall be furnished to the Village on a flash drive. Videotaping shall be performed by a reputable company meeting the approval of the Village, in the presence of a representative of the Village, and shall be performed prior to the commencement of construction. The videotape survey shall serve as a basis for establishing damage that has occurred as a result of construction operations.

**Basis of Payment:** This work will be paid for at the contract **LUMP SUM** price for:

**PRECONSTRUCTION VIDEOTAPING,**

which price shall be payment in full for the work as specified herein.

**SP-4 CONSTRUCTION STAKING AND RECORD DRAWINGS**

**Description:** Section 5-7 of the Water and Sewer Specs shall be replaced in its entirety by the following:

The Contractor shall furnish and place all construction layout stakes for this project. Competent personnel with suitable equipment shall conduct this work, supervised by a licensed Illinois Land Surveyor. The Contractor shall be responsible for having the finished work conform substantially to the lines, grades, elevations, and dimensions shown on the plans.

The Contractor shall provide adequate control points to construct the individual Project elements, and shall provide the Engineer with adequate control in close proximity to check the compliance of the elements constructed.

The Contractor shall record all field notes in standard survey field notebooks and those books shall become the property of the Village at the completion of the Project. All notes shall be neat, orderly, and in an accepted format.

Prior to final payment and within 28 calendar days of substantial completion, as determined in section III.4.1.1, the Contractor shall provide the Village with record drawings showing the elevations of all constructed storm and sanitary sewer manholes, catch basins, inlets, clean-outs, and any other structures defined by the Engineer as part of the project, including all rim elevations, and invert elevations of all pipes. Rim elevation of all curb structures shall be taken at the flowline of the gutter. Significant changes to the design plans shall also be depicted. Red-lined plans or electronically-generated as-built plans are acceptable. Digital copies of as-built drawings must also be provided (TIF files or approved equal), along



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with two full-sized paper copies. All work related to generating the as-built drawings shall be supervised by a licensed Illinois Land Surveyor.

**Basis of Payment:** This work will be paid for at the contract **LUMP SUM** price for:

**CONSTRUCTION STAKING AND RECORD DRAWINGS,**

which price shall be payment in full for the work as specified herein.

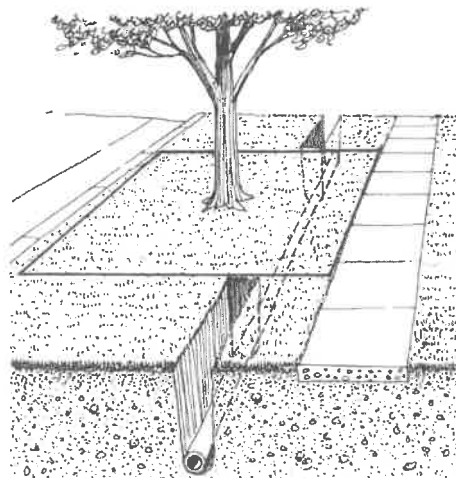
**SP-5 TREE PROTECTION**

**Description:** Municipal Codes regarding trees, including tree protection requirements for public parkway trees, are located in Chapter 24 of the Downers Grove Municipal Code. Specifically, Municipal Codes 24-7 and 24-8 detail the public parkway tree protection sizes and fines for violations. The Village Forester shall approve all tree protection measures and any deviations. All tree protection measures and any deviations shall be noted in the contract specifications and on approved project plan sheets and permits using the guidelines listed below.

Tree protection shall include avoiding damage to the above ground tree branches and trunk, and the below ground root system and surrounding soil. Tree crowns and trunks shall not suffer any branch or bark loss. Roots shall be protected from compaction, storage of materials, severing, regrading of the parkway, or excavation unless specifically noted on the project plan sheets.

The Critical Root Zone, or CRZ, is the area immediately surrounding a tree that must be protected from damage. In a municipal parkway setting with utilities and paved or concrete surfaces, the size of the CRZ has been adjusted to form a rectangle around the parkway tree trunk with minimum dimensions listed in the following table. The depth of the CRZ extends to 4 feet below the natural ground surface level.

<u>Parkway Tree diameter at 4.5'</u>	<u>Width street to property (min. curb to sidewalk)</u>	<u>Length along street street (minimum)</u>	<u>Depth</u>
0 – 12.0 inches	10.0 feet	10 feet	4 feet
12.1 – 24.0 inches	10.0 feet	20 feet	4 feet
24.1 or more inches	10.0 feet	30 feet	4 feet



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For projects that involve excavations of less than one (1) foot in depth in the parkway or street and are replacing structures in the same location, fencing of the public parkway trees shall not be required. Example projects include, but are not limited to, street pavement resurfacing, curb removal/replacement, driveway removal/replacement, or sidewalk removal/repairs or new sidewalk installations. Contractors shall be mindful of the CRZ dimensions and potential for fines if any parkway trees suffer any unauthorized damage as determined by the Village Forester.

For projects that involve excavations of one (1) or more feet in depth in the parkway or street or both, fencing of the public parkway trees shall be required. Example projects include, but are not limited to, watermain replacements with new roundway keystops and domestic service box installations, sanitary line replacements and new service connections, new or replacement natural gas services, new or replacement phone or fiber optic lines, or new or replacement storm sewers, or projects that widen roads which in turn decreases the parkway soil volume around public parkway trees.

Projects that require fencing (listed above) shall fence the public parkway trees with six (6) foot high chain link construction fence secured to metal posts driven in the ground which are spaced no further than ten (10) feet apart. The dimensions of the fence shall depend on the tree diameter size and shall follow the table listed for the CRZ above, or as large as practical dependent on driveways and other field conditions. The fenced rectangle shall have three (3) sides with the opening facing the adjacent residences for easy access for mowing or tree care. Under no circumstances shall any items be stored within the fence. All fence shall be maintained daily in an upright good condition. The size and location of all fencing shall be shown on the project plan sheets.

To avoid damage to the CRZ, utilities must be augered underneath the public parkway trees. Excavation pits for augering equipment are to be outside the fenced area and are to be shown on the project plan sheets. Excavation pits for roundway keystops and domestic service boxes are to be as small as practical with excavation occurring in a direction away from the adjacent public parkway tree.

In cases when severing of roots within a portion of the CRZ may be unavoidable (ex. sidewalk installation, curb replacement, water or sanitary service replacement), subject to the approval of the Village Forester, sharp clean cuts shall be made on root ends to promote wound closure and root regeneration. Root pruning and excavation activities shall occur such that the smallest volume of soil and roots is disturbed, and the locations shall be shown on the project plan sheets.

In addition to fines and citations that may be assessed for violations of any Chapter 24 of the Municipal Code (such as not maintaining fencing around the CRZ or unauthorized removal of protected trees), the contractor may be subject to the following provisions:

- issuance of an invoice for the value or partial value of the tree lost due to damage to either the above ground or below ground portions of the parkway tree, or unauthorized tree removal.
- costs of repairs, such as pruning or cabling, or costs for removal of the damaged parkway tree along with the stump if the tree cannot remain in the right-of-way.
- fines of \$500 for the 1<sup>st</sup> offense; \$1,000 for the 2<sup>nd</sup> offense; \$2,500 for the 3<sup>rd</sup> and subsequent offenses.
- each day during which a violation continues shall be construed as a separate and distinct offense.

The value or partial value of the tree lost shall be determined by the Village Forester using the most current edition of the Guide for Plant Appraisal (prepared by the Council of Tree & Landscape Appraisers and the International Society of Arboriculture) and the most current edition of the Species Ratings & Appraisal

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Factors for Illinois (prepared by the Illinois Arborist Association). The total cost determined for the damage shall be deducted from the payments made to the Contractor for the project. Should the Village hire another Contractor or tree service to complete pruning work, these costs shall also be deducted from the payments made to the Contractor.

**Basis of Payment:** This work will be paid for at the contract unit price per **FOOT** for:

**TREE PROTECTION,**

which price shall be payment in full for the work as specified herein, except tree removal as defined by the standard specifications, which will be paid for separately.

**SP-6 TREE ROOT PRUNING**

**Description:** All trees, public or private, affected by new sidewalk installation within its root protection zone, shall be root pruned prior to any excavation taking place. Root pruning shall be performed in accordance with the Tree Protection Zone detail of the Plans, and shall be done only to the depth of the excavation necessary for installing the new sidewalk. Root pruning shall start and proceed uninterrupted for the length of travel through the root protection zone. Root pruning shall be made no more than ten inches (10”) from the tree-side edge of the proposed sidewalk.

Approval by the Village Forester of the equipment to be used for root pruning, as well as the proposed path of the root pruning work, is required prior to the work being performed. The Engineer or his representative shall permit no excavation until written approval is obtained by the Contractor from the Village Forester. No materials or equipment may be stored or kept in the Tree Protection Zone. Tree damage, as determined by the Village Forester, shall be assessed to the Contractor using the most recent edition of the Guide for Plant Appraisal, published by the International Society of Arboriculture.

**Basis of Payment:** This work shall be paid for at the contract unit price per **EACH** for:

**TREE ROOT PRUNING,**

which price shall be payment in full for the work as specified herein and as measured in place.

**SP-7 TREE PRUNING**

**Description:** This work shall consist of pruning branches, for aesthetic and structural enhancement, of existing trees as shown on the plans or as directed by the Engineer. All pruning shall be done according to ANSI A300 (Part 1) – Pruning standard.

All trees designated to be saved shall be protected during clearing and subsequent construction operations. Overhanging limbs shall be pruned or cut off to provide a minimum vertical clearance of seven (7) feet from the finished surface.

**Basis of Payment:** Tree pruning will be paid for at the contract unit price per **EACH** tree for:

**TREE PRUNING**

which price shall be payment in full for all work as specified herein.

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**SP-8 ACCESS AND WATER SHUT-OFF NOTIFICATION**

**Description:** If access to a driveway will be blocked, or water will be turned off, the Contractor shall give that resident or business proper written notification at least 24 hours in advance. The Contractor must provide them the opportunity to remove their cars from the drive or make other arrangements, and prepare for any shutdown of the water system. Samples of written notices shall be submitted to the Engineer for approval.

In addition, the Contractor shall be responsible for notifying the resident or business verbally on the morning of any driveway closure, to ensure awareness of the lack of access.

**Basis of Payment:** This work shall be considered **INCIDENTAL** to the project.

**SP-9 TRAFFIC CONTROL, MAINTENANCE OF TRAFFIC, DETOURS**

**Description:** This item shall include the furnishing, installing, maintaining, relocating, and removing of all traffic control devices and personnel used for the purpose of regulating, warning, or directing traffic during the construction of this project. Placement and maintenance of all traffic control devices shall be in accordance with the applicable parts of Article 107.14 and Section 701 of the Standard Specifications and included Highway Standards. All traffic control devices used on this project shall conform to the Standard Specifications for Traffic Control Devices and the Illinois Manual on Uniform Traffic Control Devices and as indicated on the Traffic Control Plan. No waiving of these requirements will be allowed without prior written approval of the Engineer.

The Contractor shall protect all workers engaged in the project, and shall provide for safe and convenient public travel by providing adequate traffic control under all circumstances. Such circumstances may include, but not be limited to, work performed along the route under construction, road closures for construction operations of any type, or when any section of the road is opened to traffic prior to completion of all work. The Contractor shall ensure that work zone in question is properly signed, barricaded, and otherwise marked.

The Contractor will be responsible for the proper location, installation, and arrangement of all traffic control devices during the period of construction. All open excavations shall be protected by Type I barricades equipped with working bi-directional flashing lights at each end of the excavation, as well as at 50-foot intervals between ends for excavations greater than 50 feet in length and weighted down by **one sandbag per each barricade**. All street closures shall be protected by Type III barricades equipped with working bi-directional flashing lights and weighted down by **eight sandbags per each barricade**.

The Contractor shall plan the work not to leave any open excavations during non-working hours and that all barricades not necessary have been removed from the pavement during non-working hours.

In the event that one direction of vehicular travel must be closed, the Contractor shall use certified flaggers (minimum of two) to direct traffic around the work area. The Engineer shall approve proper signing and barricading of the lane closures, and shall issue written authorization prior to closure. Presence of certified flaggers shall be required anytime the contractor's activities may impede the designated flow of traffic.

In the event that both directions of vehicular travel must be closed, the Contractor shall set up a detour route to direct traffic around the work area. The Engineer shall approve proper signing and barricading of the detour

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route and shall issue written authorization prior to closure. Where it is necessary to establish a temporary detour, all the requirements of the Standard Specifications and MUTCD shall be met.

The Contractor shall maintain their operations in a manner such that traffic flow shall not be substantially impeded during the construction of the proposed improvements. Where traffic must cross open trenches during a given work day, the Contractor shall provide steel plates at street intersections and driveways. Prior to the end of a given work day, the pavement surface shall be temporarily restored.

No open excavation may be left overnight or on the weekend without the express written permission of the Engineer.

As the condition and location of the work changes, the Contractor shall maintain all traffic control devices and personnel engaged in traffic control, in a manner that will accommodate the changing particulars of the work at any given time. Advance warnings, detour and directional information and other controls or directions necessary for safe passage of traffic around the work site shall be reviewed and changed, if necessary, to meet the needs of the situation. Signage erected, but not necessary or proper for the situation ahead shall be covered or taken down. Barricading and signage shall be monitored by the Contractor on a daily basis to ensure that it meets the requirements for work zone safety for the conditions of the particular work being performed.

In the event public sidewalk must be closed, the Contractor shall provide SIDEWALK CLOSED AHEAD signs adjacent to the closure and at the nearest intersections to the closure. If the closure occurs an intersection, the Contractor shall provide SIDEWALK CLOSED USE OTHER SIDE signs at the corner(s) opposite the closed sidewalk.

Access to all properties shall remain open at all times unless work is taking place in the immediate vicinity, requiring that access be restricted on a temporary basis. Full access must be restored immediately upon the completion of any work blocking said access, and full access must be restored to all properties over weekends and legal holidays unless approved by the Engineer. Special consideration to hours and location of work near school shall be made to allow for full and safe access during normal student arrival and departure schedules. The Contractor is responsible for all traffic control and this item is incidental to the cost of the overall contract work.

The Contractor shall provide a name and phone number of a responsible party capable of providing emergency service, 24 hours per day, for the duration of the Project.

**DEFICIENCY CHARGE:**

The primary concern of the Village is to maintain a safe travel way for the public and a safe environment for the work in the construction zone. The Contractor is expected to comply with the Standard Specifications, contract plans, the Special Provisions, and directions from the Engineer concerning traffic control and protection. The Contractor shall provide a telephone number where a responsible individual can be contacted on a 24-hour-a-day basis to receive notification of any deficiencies regarding traffic control and protection. The Contractor shall immediately respond correcting traffic control deficiencies by dispatching workers, materials, and equipment to correct such deficiencies.

Failure to comply with the Contract or as directed by the Engineer as it relates to corrections or modifications to the traffic control and protection will result in a deduction of either \$1,000 or 0.05 percent of the awarded contract value, whichever is greater, in accordance with Article 105.03. This charge is

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separate from the cost of any corrective work ordered. The Contractor shall not be relieved of any contractual responsibilities by the Village's actions.

**Basis of Payment:** This work shall be paid for at the contract **Lump Sum** price for:

**TRAFFIC CONTROL, MAINTENANCE OF TRAFFIC, DETOURS,**

which price shall be payment in full for the installation and maintenance of proper traffic control to protect the work and public for the duration of the Project.

**SP-10 STREET SWEEPING AND DUST CONTROL**

**Description:** All roadway surfaces shall be kept free of dirt, mud, dust, and debris of any kind throughout every phase of the project. Dirt, mud, dust and debris of any kind shall be removed from the roadway surface to the satisfaction of the Engineer by any one or combination of the following: approved mechanical sweeping equipment, manual labor, or other approved techniques.

Whenever ordered by the Engineer, especially for locations subject to a particularly high volume of traffic, the Contractor shall mechanically sweep the work site.

**Basis of Payment:** This work will be paid for at the contract unit price per **HOURLY** for:

**STREET SWEEPING AND DUST CONTROL,**

which price shall be payment in full for the work as specified herein.

**SP-11 EROSION AND SEDIMENTATION CONTROL**

**Description:** Throughout each and every phase of the project, all downstream ditches and storm sewers shall be protected from the run-off of roadway surfaces, excavations, and other construction activities generating the movement of dirt, mud, dust, and debris. This work shall consist of constructing temporary erosion and sedimentation control systems as shown on the plans or as directed by the Engineer. The work shall be placed by methods and with materials in accordance with Sections 280, 1080, and 1081 of the SSRBC, except as amended herein.

All downstream ditches shall be protected from erosion and sedimentation by the installation of an Engineer-approved compost filter sock. Piles of excavated material and/or trench backfill material, allowed to be in place in excess of three days, shall be protected against erosion and sedimentation runoff by use of a compost filter sock. Storm sewer inlet structures or manholes shall be protected by temporary placement of filter baskets or compost filter socks as authorized in the field by the Engineer.

Erosion and sedimentation control measures as indicated in the Erosion Control Plan, or as directed by the Engineer shall be installed on the project site prior to beginning any construction activities which will potentially create conditions subject to erosion. Erosion control devices shall be in place and approved by the Engineer as to proper placement and installation prior to beginning other work. Erosion control protection for Contractor equipment storage sites, plant sites, and other sites shall be installed by the Contractor and approved by the Engineer prior to beginning construction activities at each site. All erosion and sedimentation control items must reference and be in accordance with the SWPPP standards and documentation. All contractors will be required to sign a document acknowledging this procedure. Any specific work done by each Contractor must comply with any SWPPP regulations. If erosion control items

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are deemed by the Engineer to not be in compliance and need to be replaced or repaired due to construction activities of each Contractor following the installation of initial erosion and sediment control items, these items shall be incidental to each Contractors' overall contract work.

**Perimeter Erosion Barrier:** Work shall consist of supplying, placement, maintenance, and removal of compost filter socks as shown on the plans or as directed by the Engineer.

**Inlet Filters:** Work shall consist of supplying, installing, maintaining/cleaning, and removal of inlet filters as shown on the plans or as directed by the Engineer. Inlet filters shall be ADS FLEXSTORM CATCH-IT IL Inlet Filters, or approved equal.

**Basis of Payment:** This work will be paid for at the contract **FOOT and EACH** price, respectively, for:

**PERIMETER EROSION BARRIER**

and

**INLET FILTERS,**

which price shall be payment in full for the work as specified herein.

**SP-12 TRENCH BACKFILL**

**Description:** All trenches and excavations under or within 2' of paved areas or structures, as shown on plans or as directed by the Engineer in the field, will require aggregate Trench Backfill.

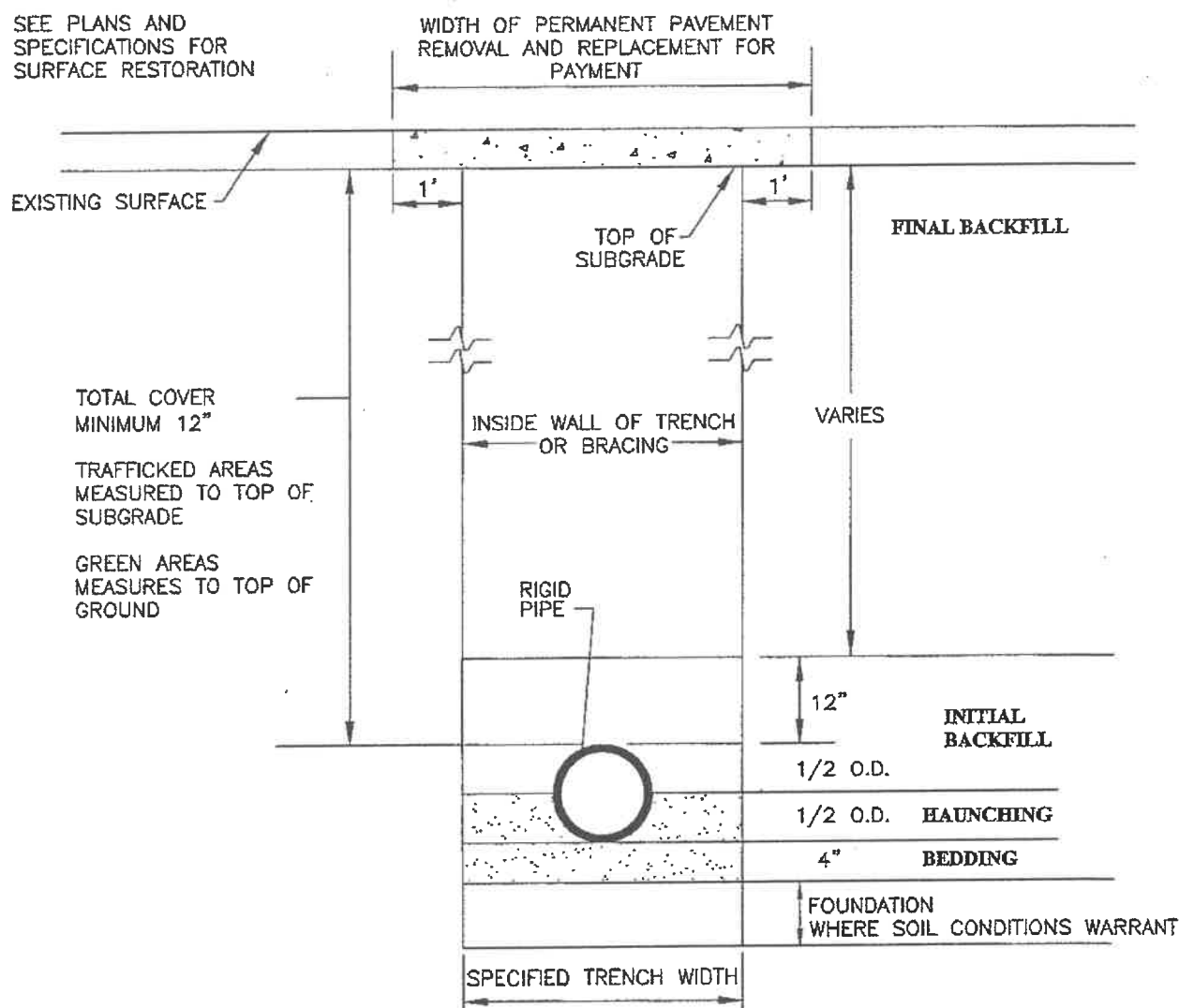
**Materials:** Trench Backfill, as defined in the Water and Sewer Specs, shall consist of Final Backfill, Initial Backfill, Haunching, and Bedding (see detail within this special provision). Allowable aggregate gradations, as defined in Sections 1003 and 1004 of the SSRBC, shall be as follows:

- Final Backfill: CA-6 or FA-6
- Initial Backfill: CA-6 or FA-6
- Haunching: CA-7
- Bedding: CA-7

All trench backfill material shall be placed and compacted in accordance with Section 550.07 of the SSRBC. Per the SSRBC, compaction Method 3 (jetting) of Initial Backfill and Final Backfill shall not be used with CA-6 material. Compaction Method 3 (jetting) of Initial Backfill and Final Backfill shall only be used with FA-6 material. Per the SSRBC, trench backfill material that has been compacted with Method 3 (jetting) shall be allowed to settle and dry for at least 10 days before any pavement or structure is placed above it.

All backfilling shall be done in accordance with Section 20-4.06 of the Water and Sewer Specs. All trenches and excavations not under or within 2' of paved areas or structures shall be backfilled by any acceptable method which will not dislodge or damage the pipe, or cause bridging action in the trench. In turf areas, Trench Backfill shall consist of Initial Backfill, Haunching, and Bedding and the balance of the backfill may be approved excavated material.

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**Basis of Payment:** Payment shall be made for the furnishing and placement of Final Backfill only as defined in the Water and Sewer Specs. Furnishing and placement of Bedding, Haunching, and Initial Backfill shall be considered incidental to the contract price for installation of the utility pipe. Final Backfill will be measured in cubic yards in place, except that the quantity for which payment will be made shall not exceed the volume of the trench as computed by using the maximum width of trench permitted by the SSRBC. Trench Backfill material exceeding of the maximum quantity herein specified shall be furnished by the Contractor at their own expense. Disposal of the surplus excavated material that is replaced by Trench Backfill shall be incidental to payment for Trench Backfill. This work will be paid for at the contract unit price per **CUBIC YARD** for:

**TRENCH BACKFILL,**

which shall be payment in full for the work as specified herein and as measured in place.



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**SP-13 TEMPORARY SURFACE OVER TRENCH - AGGREGATE (CA-6), 6"**

**Description:** This work shall consist of construction, maintenance, and removal of an aggregate surface course for temporary roads and approaches as specified in Section 107.09 of the SSRBC.

Aggregate surface shall be constructed in accordance with the applicable portions of Section 402 of the SSRBC, except that the equipment required for the work will be as directed by the Engineer.

Maintenance shall consist of placing and compacting additional aggregate of the same type and gradation as the surface aggregate.

Aggregate used for temporary access shall be of CA-6 gradation and shall meet the requirements of Section 1004.04 of SSRBC, except the use of crushed concrete and slag will not be allowed. The top portion of the temporary aggregate surface will be capped with four inches (4") of **bituminous grindings** to assist with dust control.

When the use of the aggregate for temporary roads and approaches is discontinued, the surface aggregate placed in its construction and maintenance shall be removed and either utilized in the permanent construction or otherwise disposed of as specified in Section 202.03.

**Basis of Payment:** This work shall be paid for at the contract unit price per **SQUARE YARD** for

**TEMPORARY SURFACE OVER TRENCH – AGGREGATE (CA-6), 6",**

which price shall include all the labor, material, and equipment necessary for furnishing, placing, maintaining, removing and disposing of the aggregate surface or the bituminous patching material surface with aggregate sub-base, used in the construction of temporary road and drive approach surfaces. These items shall also include the maintenance of the temporary pavement.

**SP-14 AGGREGATE FOR TEMPORARY ACCESS**

**Description:** This work shall consist of construction and maintenance of an aggregate surface course for abutting properties as part of construction operations, per the applicable portions of Article 107.09 of the SSRBC except as amended herein.

Coarse aggregate shall meet the gradation for CA-6, and meet the requirements of Article 1004.04 of the SSRBC.

The temporary aggregate shall be used as ramping between the new aggregate base and all side streets, abutting properties, and crosswalks where vehicle and pedestrian traffic is to be maintained. Removal and disposal of the temporary aggregate shall be considered incidental to this item. The Engineer may require that some or all of the temporary aggregate be reused within the project limits.

When temporary access is no longer required, the aggregate placed for its construction and maintenance shall be removed and utilized in the permanent construction or otherwise disposed of as specified in Article 202.03 of the SSRBC. The Engineer reserves the right to determine suitability for utilization of reclaimed asphalt pavement used in the construction of temporary access in the permanent construction.

This work will be measured in place in cubic yards. The Contractor shall submit the load ticket to the

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Engineer at the work site when the truck arrives.

This work will be paid for at the contract unit price per **CUBIC YARD** for

**AGGREGATE FOR TEMPORARY ACCESS,**

which price shall include all costs of furnishing, placing, maintaining, removing and reusing, and removing and disposing of aggregate used in the construction of temporary access

**SP-15 EXPLORATORY TRENCH, SPECIAL**

**Description:** This item shall consist of excavating an area for the purpose of locating existing utilities within the construction limits of the proposed improvements. The Contractor shall perform exploratory trenching for all existing utilities potentially in conflict with the proposed improvements. The Contractor shall proactively perform exploratory trenching in a timely fashion to help mitigate delays, if any, caused by conflicts with existing utilities. The Contractor shall also perform exploratory trenching as directed by the Engineer. It shall be the responsibility of the Contractor to immediately inform the Engineer of any conflicts with existing utilities in conflict with the proposed improvements. A nominal quantity of exploratory excavation has been included in the schedule of prices for the purpose of establishing a unit price for this item of work.

After the excavation has been inspected, it shall be backfilled as directed by the Engineer. If it is located within 2' of a paved area (existing or proposed), the excavation shall be backfilled with Trench Backfill as specified herein. Otherwise, the excavation shall be backfilled with excavated material compacted to the satisfaction of the Engineer. Any excess material shall be disposed of in accordance with Article 202.03 of the IDOT Standard Specifications.

Exploratory trenching will be measured in its original position and the volume calculated in cubic yards based upon the dimensions of the excavation. Trench Backfill will not be measured for payment and shall be included in the unit price of EXPLORATORY TRENCH, SPECIAL.

**Basis of Payment:** This work will be paid for at the contract unit price per **CUBIC YARD** for:

**EXPLORATORY TRENCH, SPECIAL,**

measured as specified, which price shall include excavation, backfill and legal disposal of excess material.

**SP-16: PARKWAY RESTORATION, SPECIAL**

**Description:** This item shall be done in accordance with the applicable portions of Sec. 252 of the Standard Specifications and the following provisions.

As contract work progresses through the Village, parkway restoration work shall commence in a timely manner in areas where permanent placement of new curb and gutter, driveways, sidewalks, etc., has been completed. Under no circumstances shall the Contractor prolong final grading, shaping and sod placement so that the entire project can be permanently restored at the same time.

This work shall consist of the excavation, topsoiling, and sodding of the entire parkway between the back of curb and the right-of-way and adjacent to all curbs, sidewalks and driveways removed and replaced during the course of construction or as directed by the Engineer. Restoration will also be performed on

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areas disturbed by storm sewer or culvert construction.

All topsoil to be used for parkway restoration shall be obtained from outside the limits of this improvement, transported to the site and placed at required locations to a minimum depth of 4". All materials shall meet the requirements of Art. 1081.05 of the Standard Specifications. All placement of topsoil shall meet the requirements of Sec. 211 of the Standard Specifications.

All sod shall meet the requirements of Art. 1081.03 of the Standard Specifications. All placement of sod shall meet the requirements of Sec. 252 of the Standard Specifications.

For that period prior to full parkway restoration, the Contractor shall backfill and grade all disturbed areas so as to insure the safety of the general public. Parkways shall be left in a safe, clean and usable condition conducive to foot traffic and to the satisfaction of the Village. The Contractor shall protect these unfinished areas against erosion and work to keep them weed free.

**Basis of Payment:** This work will be paid for at the contract unit price per **SQUARE YARD** for **PARKWAY RESTORATION, SPECIAL**, which price shall be payment in full for any excavation and grading necessary, the furnishing, transporting and placement of all topsoil and sod and the full watering of sod. Unless otherwise directed by the Engineer restoration of disturbed parkways outside the limits of improvement will not be paid for separately but shall be considered incidental to the contract.

Supplemental watering shall be paid for at the contract unit price per unit for **SUPPLEMENTAL WATERING**.

**SP-17 EXCAVATION, SPECIAL**

This work shall consist of the excavation, removal, and disposal of all sub-base and subgrade materials as required to meet the lines and subgrades to the depth of all proposed items including but not limited to proposed roadways, curb and gutter, ditching, bio-swales, roadway shoulders, driveway aprons, concrete sidewalks, and asphalt pathways in accordance with Sections 202, 204, and 205 of the SSRBC and as specified herein. Piles of excavated material are not allowed to be stored onsite.

**Method of Measurement:** This work will not be measured for payment. Payment will be based on Contract Quantities. By submission of a bid, Contractor agrees on Contract Quantity.

The removal and disposal of unsuitable materials (undercut) to allow **POROUS GRANULAR EMBANKMENT SUBGRADE** to be installed below proposed sub-base as necessary and as directed by the Engineer will be paid for separately at the contract unit price per **CUBIC YARD** of **REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL**.

**Basis of Payment:** This work shall be paid for at the contract unit price per **CUBIC YARD** for:

**EXCAVATION, SPECIAL,**

which shall include all labor, materials and equipment necessary to do the work.

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**SP-18 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL**

Subgrade preparation shall include the removal of unsuitable surface conditions including pavement materials, vegetation, high organic content topsoil, root matter and other deleterious conditions which may be encountered. The subgrade soils (including soils in the conduit trenches) shall be proof-rolled and the soils compacted to a minimum of 95% compaction based on the standard proctor, AASHTO T-99 or ASTM D-698, within 1.0 foot of the surface. Proof-rolling and compaction will not be paid for separately, but will be considered as an incidental expense.

When proof-rolling reveals unstable soil conditions, these soils shall be removed. Removal and disposal of all surplus, unstable and unsuitable materials and organic waste below the design sub-grade shall be performed in such a manner that public or private property will not be damaged or endangered. Removal and Disposal of Unsuitable Material shall conform to applicable portions of Section 202 of the IDOT Standard Specifications. The quantity is provided for estimated purposes only, and adjustments to unit prices will not be allowed based on actual quantities.

**Basis of Payment:** This work shall be paid for at the contract unit price per **CUBIC YARD** for:

**REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL,**

and shall include all labor, equipment and materials necessary to perform the work as specified.

**SP-19 UNDERCUTTING FOR UTILITIES**

**Description:** This work shall consist of the excavation and disposal of unsuitable material during the construction of proposed utilities and backfilling with compacted CA-7. This work shall only be performed at the locations identified on the plans or designated by the Engineer. The Contractor shall notify the Engineer before commencing the work in order to permit accurate measurements. Any undercut and backfill performed before measurements have been made will not be paid for.

**Method of Measurement:** This work shall include all excavation required to remove unsuitable material as directed by the Engineer, except those portions paid for as pavement removal and/or combination concrete curb and gutter removal.

**Basis of Payment:** The excavation, disposal and replacement of unsuitable material from utility trenches will be paid for at the contract unit price per **CUBIC YARD** for:

**UNDERCUTTING FOR UTILITIES,**

which price shall include all labor, material, backfill, and equipment necessary to complete the work specified herein.

**SP-20 POROUS GRANULAR EMBANKMENT, SUB-GRADE**

This work shall consist of placing and compacting porous granular material installed on geotextile fabric to the lines and grades shown on the plans or as directed by the Engineer in accordance with the applicable portions of Section 207 of the IDOT Standard Specifications. The material shall be used as a bridging layer over soft, unstable or loose soil areas and for placement under water.

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The geotextile fabric shall be in accordance with the specifications contained in Article 1080.02 of the IDOT Standard Specifications. The PGE material shall conform to Article 1004.05 of the IDOT Standard Specifications except the gradation shall be as follows:

## 1. Crushed Stone, Crushed Blast Furnace Slag, and Crushed Concrete

<u>Sieve Size</u>	<u>Percent Passing</u>
*6"	97 ± 03
*4"	90 ± 10
2"	45 ± 25
#200	5 ± 5

## 2. Gravel, Crushed Gravel and Pit Run Gravel

<u>Sieve Size</u>	<u>Percent Passing</u>
*6"	97 ± 03
*4"	90 ± 10
2"	45 ± 25
#4	30 ± 20
#200	5 ± 5

\*For undercut greater than eighteen inches (18"), the percent passing the 6" sieve may be 90 ± 10, and the 4" sieve requirements eliminated.

The porous granular material shall be placed in one lift when the total thickness to be placed is 6" or less or as directed by the Engineer. Each lift of the porous granular material shall be rolled with a vibratory roller meeting the requirements of Article 1101.01 of the IDOT Standard Specifications to obtain the desired keying or interlock and compaction. The Engineer shall verify that adequate keying has been obtained.

A 3" nominal thickness top lift of capping aggregate having a gradation of CA-6 will be required when Sub-base Granular Material is not specified in the contract and Porous Granular Embankment, Sub-Grade will be used under the pavement and shoulders. Capping aggregate will not be required when embankment meeting the requirements of Section 207 of the Standard Specifications or granular sub-base is placed on top of the porous granular material.

Unnecessary construction equipment for the completion of the replacement material will not be allowed on the undercut areas until compaction of the recommended thickness of the porous granular sub-grade.

Full-depth sub-grade undercut should occur at limits determined by the Engineer. A transition slope to the full depth of undercut shall be made outside of the undercut limits at a taper of 1 foot longitudinal per 1 inch depth below the proposed sub-grade or bottom of the proposed aggregate sub-grade when included in the contract.

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This work shall be measured for payment in accordance with Article 207.04 of the IDOT Standard Specifications. When specified on the contract, the theoretical elevation of the bottom of the aggregate sub-grade shall be used to determine the upper limit of Porous Granular Embankment, Sub-Grade. The volume will be computed by method of average end areas.

**Basis of Payment:** This work will be paid for at the contract unit price per **CUBIC YARD** for:

**POROUS GRANULAR EMBANKMENT, SUB-GRADE,**

which price shall include all equipment, labor and materials required to complete this work as specified, including capping aggregate.

PGE shall be used as field conditions warrant at the time of construction. No adjustment in unit price will be allowed for an increase or decrease in quantities from the estimated quantities.

**SP-21 CONCRETE GUTTER, TYPE 1**

**Description:** This work shall consist of the installation P.C.C. Gutter of the type specified at the locations noted on the plans. This work shall be performed in accordance with Section 483 and 606 of the Standard Specifications, except as amended herein.

Placement of P.C.C. Combination Curb and Gutter shall include the following:

- a) The use of Class SI Portland cement concrete, 6.05 cwt/cy mix, with 6% air entrainment, 3" slump;
- b) The placement of four inches (4") min. Type B, CA-6 compacted aggregate base;
- c) The saw cutting of 2 inch deep joints at not more than 15-foot intervals, within 24 hours after being placed;
- c) The placement of 2 dowel bars into the gutter portion of existing concrete curb, and at expansion joints, in accordance with the detail shown on the plans;
- d) The placement of 3/4 inch pre-molded expansion joint filler perpendicular to the centerline of the roadway for the full depth of the curb and gutter, where abutting existing concrete curb and gutter, at 10 feet either side of a utility structure, at construction joints at the ends of pours, at not more than 90 foot intervals;
- e) The proper curing of all concrete work utilizing the methods and materials outlined in Articles 424 and 1022.01 of the SSRBC (Type 2 membrane curing with red dye is preferred);
- f) The backfilling of all curb work with materials approved by the Engineer.

At locations shown on the plans or where directed by the Engineer the contractor will use High-early strength concrete. The desired concrete mix shall have a minimum compressive strength of 3,000 psi at 24 hours. Mix-design shall be submitted to the Engineer for review and approval.

All voids existing between newly placed P.C.C Gutter and the adjacent roadway pavement shall be filled with Class SI concrete, prior to bituminous surface placement, to a point 1-1/2 inches below finish grade. This work shall be considered incidental.

If placement of P.C.C. gutter takes place prior to April 15, or after October 15, the gutter shall be properly cured and that followed by the application of protective coat in accordance with Article 420.18 of the Standard Specifications.

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**Basis of Payment:** This work will be paid for at the contract unit price per **FOOT** for:

**CONCRETE GUTTER, TYPE 1,**

which price shall be payment in full for the work as specified herein.

**SP-22 PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL AND REPLACEMENT**

**Description:** This work shall consist of the removal and replacement of existing P.C.C. sidewalk as indicated by location or shown on the plans. All P.C.C. sidewalks shall be removed and replaced by methods and with materials in accordance with Articles 424 and 1020.04 of the SSRBC, except as amended herein.

Removal of existing sidewalk shall include saw cutting and disposal of existing concrete as directed by the Engineer, removal of tree roots, bituminous paved sidewalks and/or bituminous overlayment of existing sidewalks.

Excavation for new sidewalk shall be performed with a Gradall. Operating a Gradall on the parkways will not be allowed. All excavation shall be made from the street unless otherwise approved by the Engineer. Excavation work utilizing a skid steer loader shall not be allowed.

Placement of sidewalk shall include the following:

- a) Any necessary excavation, clearing, and proper disposal of excavated materials, removal and disposal of all obstructions such as fences, walls, foundations and buildings;
- b) The placement and compaction of four inches (4") of Subbase Granular material, Type B, CA 6 with the methods and with materials in accordance with Section 311 and of Article 1004.04 of the SSRBC;
- c) The set up of form work such that the maximum running slope of the finished walk does not exceed 5 percent (1:20) or not to exceed the general grade established for the roadway, and the cross slope is not more than 2 percent (1:50).
- c) The placement of five inch (5") thick, Class SI Portland Cement Concrete, 5.65 cwt/cy mix, with 5-8% air entrainment, 2"-4" slump, and six inch (6") thickness through or in residential driveways or where subject to vehicular traffic, to the width specified on the plans or as directed by the Engineer;
- d) The tooling of contraction joints, 3/4-inch radius and 1 inch deep, 5 feet on center;
- f) The placement of 1/2 inch thick premoulded expansion joints at 50 foot intervals on center, or abutting existing concrete sidewalk, or at the end of a pour;
- g) The adjustment to proper grade of all utility structures encountered;
- h) For sidewalks passing over newly constructed utility trenches, three equally spaced epoxy coated No. 4 reinforcing bars shall be centered over all utility trenches. Bars shall extend a minimum of 5 feet (1.5 m) beyond the walls of the utility trench. Reinforcement shall be incidental to the cost of the pay item.
- i) The replacement of all traffic control devices or parking meters removed;
- j) The proper curing of all concrete work utilizing methods and materials outlined in Articles 424 and 1022.01 of the SSRBC, (Type III membrane curing compound white pigmented);
- k) The complete restoration of abutting asphalt driveways damaged as a result of installation, or where new sidewalk surface is more than 1/2 inch higher or lower than the original grade

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of the asphalt drive. Restoration shall consist of a minimum of one foot either side of the sidewalk; with a minimum of three inch (3") thick Hot-Mix Asphalt Surface, Mixture C, N50 (IL 9.5) surface course; and restoration of gravel drives with similar HMA restoration.

- I) Installation of ADA compliant ramps for curbed and non-curbed streets.

Except for damaged parkway areas due to rutting or not designated by the Engineer, restoration will be paid for in accordance with the specification parkway restoration.

When sidewalks are closed to pedestrians a minimum of two barricades (one on either side of the work zone) shall be used.

**Basis for Payment:** This work shall be paid for at the contract unit price per **SQUARE FOOT** for:

**P.C.C. SIDEWALK REMOVAL AND REPLACEMENT,**

which price shall be payment in full for the work as specified herein.

**SP-23 BITUMINOUS MATERIALS, TACK COAT (TRACKLESS)**

**Description:** This work shall consist of the application of tack coat in accordance with the applicable parts of Sec. 406 of the Standard Specifications except as amended herein.

It is the responsibility of the contractor to notify the Village twenty four (24) hours in advance of any tack coat applications so it can be verified that signs and traffic control plans are in place. The contractor shall only apply tack coat in areas that can be paved with new asphalt in the same working day. Trackless tack shall be used to minimize tracking.

If lane cannot be closed to traffic until the material has been allowed to break, sand must be applied to prevent tracking. The cleaning of any tracking or stains on driveways will be the responsibility of the contractor, to the satisfaction of the Village.

**Basis of Payment:** This work shall be paid for at the contract unit price per **POUND** of Residual Asphalt for:

**BITUMINOUS MATERIALS (TACK COAT),**

which price will be payment in full for all work as specified herein. Any sand used shall be considered **INCIDENTAL** to the project.

**SP-24 DRIVEWAYS**

**Description:** This work shall consist of the installation of new HMA and PCC driveways at locations shown on the plans.

The driveways shall be constructed as shown in the details and as specified herein:

The subgrade shall be prepared at all locations, and the slopes adjacent to the driveways shall be shaped accordingly. The maximum grade for the side slopes shall not exceed 33 percent.



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**PCC Driveways:** The base course shall consist of 6 inches of Type CA-6 aggregate base, measured after placement and compaction. The surface course shall consist of 6 inches of Class PV Portland Cement Concrete for residential entrances and 8 inches for commercial entrances. The Driveway shall be placed by methods and materials outlined in Articles 423 and 1020.04 of the Standard Specifications.

All concrete work shall be properly cured utilizing the materials and methods outlined in Section 1022 of the Standard Specifications; except that Type II curing compound with red dye shall be used.

**HMA Driveways:** The asphalt shall be placed upon a minimum of 6 inches of Type CA-6 aggregate base course, and shall consist of 3 inches of compacted HMA Surface Course for residential entrances. Commercial entrances shall consist of 2 inches of HMA Surface Course and 6 inches of HMA Binder Course. The asphalt shall also be placed by methods and materials outlined in Articles 406 and 1009 of the Standard Specifications.

**Basis of Payment:** This work will be paid for at the unit price per **SQUARE YARD** for

**P.C.C.DRIVEWAY PAVEMENT, SPECIAL**, of the thickness specified,

**HOT-MIX ASPHALT DRIVEWAY PAVEMENT, SPECIAL** of the thickness specified,

which price shall be payment in full for the work as specified herein.

All POROUS GRANULAR EMBANKMENT required to establish driveway elevations and sizes will not be paid for separately but shall be included in the cost of the driveway replacement.

**SP-25 CLASS D PATCH, 6", SPECIAL**

**Description:** This work shall consist of pavement patching by methods and with materials in accordance with Sec. 442 of the Standard Specifications, except as amended herein.

The Contractor shall not use equipment of excessive size or weight that causes damage to existing pavement or appurtenances. Any damage done to the existing pavement or appurtenances that are to remain in place shall be repaired or removed and replaced by the Contractor at their own expense, as directed by the Engineer.

Pavement patching shall include the saw cutting of existing pavement, transportation and disposal of all pavement, sub-base, and subgrade materials to depth not less than six inches (6") in accordance with Sections 202, 205, and 440 of the Standard Specifications where marked in the field by the Engineer. Pavement patches shall vary in area but minimum width shall be measured at four feet (4').

Where applicable the existing subbase shall be leveled and compacted. Where remaining base is existing HMA, PCC, or brick, the bottom of each prepared hole shall be free of all loose material and a bituminous prime shall be applied to the bottom prior to replacement of HMA patches.

The hot-mix asphalt material shall conform to the requirements for Hot-Mix Asphalt Binder Course, IL-19.0, N50.

Paragraph 5 of Article 442.11 of the SSRBC is deleted and is replaced by: **No additional compensation will be made for repairing subbase damage or for material adhering to removed pavement.**

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**Method of Measurement:** Pavement removal and replacement shall be measured for payment in place and the area computed in square yards. Patches shall be classified as CL D, 6”.

**Basis of Payment:** This work will be paid for at the contract unit price per TON for

**CLASS D PATCH, 6” SPECIAL,**

which price shall be payment in full for the work as specified herein.

**SP-26 STORM SEWER REMOVAL (SIZE SPECIFIED)**

**Description:** This work shall consist of the removal of storm sewers including laterals. Existing storm sewers shall be removed so that all pipe considered suitable by the Engineer for future use shall be salvaged. The location and manner of storage of salvaged material shall be as directed by the Engineer.

Any of the material having salvage value which has been damaged by the Contractor shall be replaced with new pipe of the same kind and size. Material not suitable for salvage shall be disposed according to Article 202.03 of the SSRBC.

Excavation of trenches shall be performed according to the applicable requirements of Article 550.04 of the SSRBC.

Backfilling for the removed storm sewer shall be considered incidental to Storm Sewer Removal.

**Basis of Payment.** This work shall be measured and paid for at the contract unit price per FOOT for:

**STORM SEWER REMOVAL (SIZE SPECIFIED),**

of the size specified, which price shall be payment in full for performing this task as specified, including all material, labor and equipment.

**SP-27 DRAINAGE & UTILITY STRUCTURE TO BE REMOVED**

**Description:** This work shall consist of removing and disposing of existing manholes, catch basins, inlets and valve vaults in accordance with Section 605 of the Standard Specifications and as specified herein.

In addition to the requirements of Article 605.03 of the Standard Specifications, the Contractor shall saw cut a square area around the structure to be removed sufficient to remove the structure and construct the replacement structure.

**Basis of Payment:** This work shall be measured and paid for at the contract unit price per EACH for:

**DRAINAGE & UTILITY STRUCTURE TO BE REMOVED,**

which price shall be payment in full for performing this task as specified, including all material, labor and equipment.

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**SP-28 STORM SEWERS (CLASS, MATERIAL, SIZE SPECIFIED)**

**Description:** This item shall consist of the construction of Storm Sewer. Storm sewer shall be constructed with new Reinforced Concrete Pipe (RCP) per the SSRBC (AASHTO M315), and Ductile Iron Pipe with gasket (DIP), AWWA C -1 Class 52 with SuperCoat interior lining, asphalt exterior coating, and rubber-gasketed joints AWWA C – 111 of the diameter shown, or Polyvinyl Chloride (PVC) Pipe SDR 26-2241 with gasketed, bell and spigot, push on type joints conforming to ASTM D3212 of the diameter shown on the Drawings.

The pipe shall be placed so that the entire length of the pipe will have full bearing. No blocking of any kind shall be used to adjust the pipe to grade except when used with concrete encasement.

Laying of sewer pipe shall be accomplished to line and grade in the trench only after it has been de-watered and the foundation and/or bedding has been prepared. 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 pipes shall be laid to conform to be prescribed line and grade shown on the Plans.

The sewer pipe, unless otherwise approved by the Engineer, shall be laid up grade from point of connection on the existing sewer or from a designated starting point. The sewer pipe shall be installed with the bell end forward or upgrade, unless approved otherwise. When pipe laying is not in progress, the forward end of the pipe shall be kept tightly closed with an approved temporary plug.

If deemed necessary by the Engineer, all pipe and manholes shall pass an ex-filtration test in accordance with ASTM C-969-02 prior to acceptance. All testing shall be done under supervision of the Engineer, who shall be notified 48 hours prior to testing.

The following specific items shall be considered incidental to storm sewer pipe construction and their costs shall be merged into the contract unit price per **FOOT** of the storm sewer pipe.

1. Removal of all surplus trench excavation from site.
2. Excavation for and placement of bedding material.
3. Support of trenches, including any necessary bracing or shoring.
4. De-watering of trench or excavation.
5. Placement and compaction of backfill as Haunching and Initial Backfill, as defined in the Water and Sewer Specs, by vibratory plate or other approved mechanical device.
6. Coring into existing drainage structures where connections are called for on the plans.
7. Sawcutting of pavement and/or curb and gutter.

**Basis of Payment:** This work shall be paid for at the contract unit price per **FOOT** for:

**STORM SEWERS (CLASS, MATERIAL, SIZE SPECIFIED),**

which price shall include all labor, material, and equipment and incidental work herein specified, except **TRENCH BACKFILL** used as Final Backfill as defined by the Standard Specifications, which will be paid for separately.

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**SP-29 MANHOLES, CATCH BASINS, AND INLETS (SIZE AND TYPE SPECIFIED)**

**Description:** This work shall consist of the installation of precast concrete drainage structures of the size and type shown on the plans or specified by the Engineer. Included in the contract unit price shall be all excavation, removal and disposal of existing storm structures, bedding, supplying and compacting of backfill materials. Backfill materials for new structures shall be CA-6 aggregate mechanically compacted.

All structures in excess of four feet in depth shall be equipped with cast iron steps meeting the standards of ASTM A48.

Precast sections shall conform with ASTM C 478 and shall be substantially free from fractures, large or deep cracks and surface roughness. Slabs shall be sound and free from gravel pockets. Joints between precast sections shall be designed for rubber gaskets or bituminous mastic material.

Adequate foundation for all structures shall be obtained by removal and replacement of unsuitable materials with well graded granular material; or by tightening with coarse ballast rock, or by such other means as provided for foundation preparation of the connected sewers.

Precast base sections shall be placed on a well graded granular bedding of not less than two inches (2") in thickness. The bedding course shall be firmly tamped and made smooth and level to assure uniform contact and support of the precast element.

All lift holes shall be completely filled with mortar to ensure water tightness.

Castings shall be set in mortar or bituminous mastic beds. The adjustment of the casting to the required final grade shall be made with precast concrete adjusting rings. Maximum adjustment with rings shall be twelve inches (12"). Brick, concrete block, or wooden shims will not be permitted. Pre-cast concrete adjusting rings shall be set in mortar or bituminous mastic beds.

**Basis of Payment:** This work will be paid for at the contract unit price per **EACH** for:

**MANHOLES, CATCH BASINS, or INLETS, of the type and size specified.**

which price shall include all material, labor, and equipment necessary to complete the work.

**SP-30 STORM SEWER CONNECTION TO EXISTING STRUCTURE, (SIZE SPECIFIED)**

This work includes the connection of the proposed storm sewers to the existing structures at locations shown on the plans. The proposed connection shall be neatly cut and the area between the cut out and sewer filled with brick and mortar in accordance with Section 1042 of the Standard Specifications.

**Basis of Payment:** This work will be paid for at the contract unit price per **EACH** for:

**STORM SEWER CONNECTION TO EXISTING STRUCTURE, (SIZE SPECIFIED),**

which includes all work specified herein.

## Village of Downers Grove – 2024 Water Main Improvements

**SP-31 DRAINAGE & UTILITY STRUCTURE TO BE ADJUSTED**

Although the cost of adjusting and/or reconstructing structures per this specification will be paid for under this contract, the contractor shall be aware that many of the structures are not the property of the Village of Downers Grove, and that such work may require inspections and/or permits from other governmental agencies.

*A. DRAINAGE AND UTILITY STRUCTURES*

This work shall consist of the removal and disposal of the existing frame and lid/grate; installation of the applicable new frame and lid/grate; all labor, equipment and material required to adjust or reconstruct manholes, catch basins and inlets, and valve vaults in accordance with Section 602 of the SSRBC. This item will include all excavation, concrete and trench backfill.

*B. SANITARY MANHOLES*

This method shall be used for all manholes which will have less than seven and one-half (7 ½”) inches of adjustment between the top of the cone and the bottom of the frame when set at finished grade. To raise the frame, adjustment shall be made using precast reinforced concrete rings. Concrete blocks or bricks shall not be used. The spaces between the cone, rings and frame shall be completely sealed with preformed bituminous mastic (Easy Stik or approved equal). Mortar shall not be used. To lower the frame, existing adjustments shall be removed and the space between the frame and the cone shall be removed and the space between the frame and the cone shall be completely sealed with preformed bituminous mastic gasket. If the manhole would have seven and one-half (7 ½”) inches or more of adjustments when set at the finished grade or if the frame must be lowered by more than the amount of existing adjustment, the manhole shall be reconstructed. Refer to Downers Grove Sanitary District specifications for manhole reconstruction. The Downers Grove Sanitary District shall be notified of manholes to be adjusted prior to beginning construction. Once completed, no such adjustment shall be backfilled without inspection by the Downers Grove Sanitary District.

This work shall be paid for at the contract unit price per EACH for:

**DRAINAGE & UTILITY STRUCTURE TO BE ADJUSTED,**

which price shall include all material, labor, and equipment necessary to complete the work.

**SP-32 FRAMES AND LIDS TO BE ADJUSTED, SANITARY (SPECIAL)**

**Description:** This work shall conform to the requirements of Section 603 of the Standard Specifications and Downers Grove Sanitary District “Downers Grove Sanitary District Detail for Manhole Adjustment” for adjustments of structures in resurfacing sections of the project. The work also shall include replacement of existing broken adjustment rings at locations directed by the Engineer.

Basis of Payment. This work will be paid for at the contract unit price per EACH for:

**FRAMES AND LIDS TO BE ADJUSTED (SPECIAL),**

which price shall include all costs for labor, equipment, materials, and incidentals necessary to perform the work.

## Village of Downers Grove – 2024 Water Main Improvements

**SP-33 SANITARY SERVICE RECONNECTION**

**Description:** This work shall consist of the reconnection of existing sanitary services disturbed during the installation of the proposed storm sewer. A service shall be considered whenever the storm sewer passes less than eighteen inches (18”) above or any distance below the service. **THE CONTRACTOR MUST MAKE AN ATTEMPT TO AVOID DISTURBING THE SERVICE. ANY SERVICES DETERMINED BY THE VILLAGE ENGINEER TO BE DELIBERATELY DISTURBED WILL NOT BE CONSIDERED FOR PAYMENT. NO RECONNECTION SHALL BE CONSIDERED FOR PAYMENT UNLESS WITNESSED AND APPROVED BY VILLAGE ENGINEER.**

The existing service pipe shall be cut one and one-half foot beyond the walls of the water main trench in a manner that provides a neat and smooth joint. The reconnection of the new and existing pipes shall be made with PVC pipe grade SDR 26, ASTM D2241, 160 psi pressure pipe, or better with push-on bell and spigot type with rubber ring seal gasket ASTM D3139. See detail in “Standard Detail” section of this document.

Non-shear couplings (couplings with stainless steel shear ring) shall be used to connect pipes of dissimilar material or size – FLEX-SEAL Adjustable Repair Couplings. The excavation shall be backfilled with **TRENCH BACKFILL** to a point one foot above the top of the sanitary service. Backfill shall be placed in lifts and firmly compacted such that no future settlement occurs. **NO RECONNECTION SHALL BE BACKFILLED UNTIL INSPECTED AND APPROVED BY A REPRESENTATIVE OF THE DOWNERS GROVE SANITARY DISTRICT (630-969-0664).**

**Basis of Payment:** This work will be paid for at the contract unit price **EACH** for:

**SANITARY SERVICE RECONNECTION,**

which price shall be payment in full for all work as specified herein.

**SP-34 ADJUSTING SANITARY SERVICE LINES**

**Description.** This work shall consist of adjusting (replacing) sanitary service lines required where the proposed storm sewer is in direct conflict with the existing sanitary service line in accordance with Section 563 of the Standard Specifications and as specified herein, with the exception that adjustments (replacements) shall be constructed in addition to the “Sewer and Water Specs” per the Downers Grove Sanitary District’s specifications for sewer construction, and that this item will be paid for per **EACH** adjustment. **Excavation, removal of excavation from site, support of trenches, material (pipe, fittings, etc.), trench backfill, compacting of trench backfill, and all other items required to perform the work will be considered incidental. NO SANITARY ADJUSTMENT SHALL BE BACKFILLED UNTIL INSPECTED AND APPROVED BY A REPRESENTATIVE OF THE DOWNERS GROVE SANITARY DISTRICT (630-969-0664).** Pavement and parkway restoration will be paid for separately under pavement removal, sidewalk removal, HMA surface and binder placement, sidewalk placement, and sod restoration.

**Materials.** All material shall abide by Downers Grove Sanitary District specifications for sewer construction.

**Measurement and Payment.** The work shall be paid for at the contract unit price per **EACH** for:

**ADJUSTING SANITARY SERVICE LINES**

which price shall include all work as described above.

## Village of Downers Grove – 2024 Water Main Improvements

**SP-35 DUCTILE IRON WATER MAIN PIPE (TYPE & SIZE SPECIFIED)**

**Description:** Water main pipe materials shall meet all of the requirements of the following standards:

Ductile Iron Pipe (DIP) - ANSI/AWWA - C151/A21.51,  
ANSI Class 52,  
Cement Lined ANSI/AWWA - C104/A21.4

The coupling of these water main pipes shall meet the requirements of the following standards:

Ductile Iron Pipe (DIP) - Compression (push-on) rubber gasket  
joints in accordance with ANSI/AWWA C111/A21.11.

Ductile Iron Pipe (DIP) - Locking rubber gasket  
joints in accordance with ANSI/AWWA C111/A21.11.

Unless otherwise shown on plans or directed by the Engineer, all ductile iron water main pipes shall be installed without granular or concrete cradles. Although bell holes may not be required, the trench bottom shall be excavated and shaped such that the pipe is uniformly supported over its entire length.

The pipe shall be installed so that the entire length of pipe shall have full bearing. No blocking shall be used to adjust the pipe to grade except in conjunction with concrete thrust blocking or encasements.

Laying of water main pipe shall be accomplished to line and grade in the trench only after it has been completely de-watered and the bedding is free of mud, loose silt, or gravel. All foreign material shall be kept out of the pipe.

All pipe laid shall be retained in position such to maintain joint closure, alignment, and grade until sufficient backfill has been completed to adequately hold the pipe in place.

At the end of each work day, the end of installed water main pipe shall be protected and the excavation backfilled. No excavation or trench shall be left open overnight. The following specific items shall be considered incidental to water main pipe installation and their costs shall be considered incidental to the contract unit price for water main pipe:

1. Removal of all surplus trench excavation from site;
2. Excavation for and placement of granular bedding and encasement material when shown on the plans and/or ordered by the Engineer;
3. Support of trenches, including any necessary bracing or shoring;
4. De-watering of trenches or any excavation; and
5. Adjustment to horizontal and vertical alignment due to utility conflicts.

**Basis of Payment:** This work will be paid for at the contract unit price per **FOOT** for

**DUCTILE IRON WATER MAIN PIPE (TYPE & SIZE SPECIFIED),**

unit prices shall include all labor, material, and equipment necessary for excavation, bedding, installing, and coupling the water main pipe and all incidental work specified herein, except that **TRENCH BACKFILL** used as Final Backfill as defined by the Standard Specifications, will be paid for separately.

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**SP-36 POLYETHYLENE ENCASEMENT**

**Description:** This work shall consist of encasing the entire length of water main to be installed under this contract. All new ductile iron water mains shall be encased in a polyethylene tube, according to the materials and methods outlined in ANSI/AWWA C105/A21.5-93.

Method A shall be utilized in placing the encasement material. High-density, cross-laminated polyethylene film conforming to ASTM D1248-89 shall be used.

**Basis of Payment:** Polyethylene Encasement shall be considered **INCIDENTAL** to Ductile Iron Water Main Pipe installation, and no additional compensation will be allowed the Contractor.

**SP-37 WATER MAIN FITTINGS**

**Description:** Fittings shall be cast iron or ductile iron conforming to ANSI/AWWA C110/A21.10 or ANSI/AWWA C153/A21.53. The joints shall be either mechanical or push-on conforming to ANSI/AWWA-C111/A21.11 for rubber-gasket joints.

All nuts and bolts used for jointing of sections, including valves and hydrants, shall be stainless steel, Grade 304 bolts, and Grade 316 nuts.

All mechanical thrust restraints installed shall be "Meg-A-Lug" or "Meg-A-Lug"-type restraint systems. (Solid Precast Concrete thrust blocks may be placed in addition to mechanical thrust restraints in select locations as described elsewhere in these provisions).

No Omni or Hymax Couplings will be allowed.

**Basis of Payment:** Water Main Fittings shall be considered **INCIDENTAL** to Ductile Iron Water Main Pipe installation, and no additional compensation will be allowed the Contractor.

**SP-38 WATER SERVICE REPLACEMENT**

**Description:** All 1-1/2 inch or 2 inch services requiring replacement shall be replaced from the main to the B-box and shall include a new B-box and Roundway.

Any work performed on a potable water supply shall be done under the direction of a plumber licensed by the State of Illinois. The contractor shall furnish the Engineer with the plumber's license number prior to starting any work on any potable water supply.

For those service lines unable to meet the required clearances from sanitary or storm sewers, casing pipe shall be installed around the service line to the limits called for by the Water and Sewer Specs. Service line encasement shall be installed from the auger pits, and shall not entail open cutting an existing street pavement not otherwise disturbed in the process of installing the replacement water main.

The new water service shall be encased whenever the horizontal and vertical separation of the new service from existing storm or sanitary sewers or services cannot be maintained. The new service shall be encased on each side of the crossing until the perpendicular distance from the end of the casing to the storm sewer or sanitary sewer or service is at least ten feet. Casing pipe shall consist of a minimum 4 inch diameter PVC SDR-26 Pipe. Encasement of water services shall be incidental to the price of the water service replacement.

The Engineer reserves the right to require the replacement of additional services; however, services replaced



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due to damage caused by the Contractor's operations shall not be paid for under this or any other item.

The service line shall be of one (1) inch, one and one-half (1 1/2) inch, or two (2) inch type K (soft) copper tubing as noted on plans or directed by Engineer. All copper connections shall be made with compression-type joints. All water service lines shall have a minimum five (5) foot of cover. The water service shall have no splices.

The corporation stop shall be Ford FB-600 or approved equal and shall be installed by tapping the water main with an approved tapping machine. The tap shall be made in the upper third of the main, as close to a 45-degree angle as is practical. The tap shall be made through a full circle stainless steel tapping saddle of the correct size depending on diameter of water main and size of new service tap. The tapping saddle shall be one of the following: Cascade Style CNS2 epoxy coated, double strap, ductile iron saddle or Cascade Style CS22 wide double band saddle or Ford FCD202, or Ford FS323. The roadway key stop shall be Ford B44, with a buffalo style size 100E (6') or 94E (5') service box. Only cast iron buffalo style boxes and lids will be allowed. The roadway keystone and buffalo box shall be located within the parkway area seven feet (7') from the property line or as close to that distance as possible from the property line, unless directed otherwise by the Engineer. The cover of the buffalo box shall have the word "WATER" cast thereon. The Contractor shall record the location of each buffalo box in relation to the nearest corner lot line, and the tap in relation to the nearest fire hydrant. Two copies of this record shall be filed with the Village prior to final inspection and final payment. No buffalo-box shall be located in a driveway or in the sidewalk without the approval of the Engineer.

No splices of any kind will be allowed in the water service line from the corporation stop to the roadway key stop. There shall be no splice from the roadway key stop to the water service meter unless specifically authorized by the Village.

For locations where a sample station is called out on the plans the contractor will install the 3/4" water service to a b-box. From the b-box the contractor will install a sample station. The sample station will be provided by the Village. All necessary material needed to make the connection from the b-box to the sample station shall be included in the price of installation.

Prior to final inspection, the Contractor shall see that all water appurtenances are adjusted to grade and clearly visible.

All Materials and Methods used shall comply with the above specifications.

**Basis of Payment:** This work will be paid for at the contract unit price **EACH** for

**WATER SERVICE, (SIZE), SHORT OPEN CUT, WATER SERVICE, (SIZE), LONG PUSHED,**

which price shall include all excavation, materials, augering, PVC-SDR-26 Casing Pipe, and backfilling necessary to complete this item. Restoration, pavement or driveway replacement, topsoil, and sodding, will be paid for separately.

However, it is expected that all services shall be augered under street pavements not otherwise disturbed by the installation of the main or encumbered by the separation requirements from storm and sanitary sewers.

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**SP-39 COMPLETE WATER SERVICE LINE REPLACEMENT, (TYPE)**

**Description:** This item shall consist of the replacement of existing water service lines with copper water service lines in accordance with the Lead Service Line Replacement and Notification Act, Public Act 102-0613 of the Illinois Department of Public Health. This work shall be in accordance with the Illinois Plumbing Code (77 Ill. Adm. Code 890). The work shall be performed by an individual authorized by the Plumbing License Law (225 ILCS 320/3). Service lines are plumbing as defined by the Plumbing License Law (225 ILCS 320/3).

The work shall consist of the following:

1. Make new 1.5" tap and disconnect existing service line at the main (Tap materials supplied by the Contractor)
2. Run new 1.5" copper service from main to new 1.5" Roundway (Copper and brass to be supplied by the Contractor)
3. Break out small portion of basement floor/foundation wall as required to install new 1" copper service on the private side
4. Directional bore 1" copper service from b-box to meter or within 18" upon entry into the building, whichever is shorter (Copper to be supplied by the Contractor)
5. Connect to interior plumbing and replace existing incoming isolation valve with new ball valve before meter (Ball valves to be supplied by Contractor)
6. Install new 5/8" x3/4" meter (Meter to be supplied by the Village)
7. Backfill and haul away excess spoils
8. Patch basement floor/foundation wall at point of entry
9. Any alterations to interior plumbing past 18" that is needed to make the connection to the new service line are the responsibility of the property owner.
10. Site restoration (backfill, topsoil, sod, pavement, driveway, etc) as necessary.

The Village will be responsible for obtaining temporary right-of-entry agreements with each property owner prior to commencement of work.

All water services requiring replacement shall be replaced from the main to the house and shall include a new B-box, Roundway, and Meter.

Any work performed on a potable water supply shall be done under the direction of a plumber licensed by the State of Illinois. The contractor shall furnish the Engineer with the plumber's license number prior to starting any work on any potable water supply.

For those service lines unable to meet the required clearances from sanitary or storm sewers, casing pipe shall be installed around the service line to the limits called for by the Water and Sewer Specs. Service line encasement shall be installed from the auger pits, and shall not entail open cutting an existing street pavement not otherwise disturbed in the process of installing the replacement water main.

The new water service shall be encased whenever the horizontal and vertical separation of the new service from existing storm or sanitary sewers or services cannot be maintained. The new service shall be encased on each side of the crossing until the perpendicular distance from the end of the casing to the storm sewer or sanitary sewer or service is at least ten feet. Casing pipe shall consist of a minimum 4 inch diameter PVC SDR-26 Pipe. Encasement of water services shall be incidental to the price of the water service replacement.

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The Engineer reserves the right to require the replacement of additional services; however, services replaced due to damage caused by the Contractor's operations shall not be paid for under this or any other item.

The service line shall be of one (1) inch, one and one-half (1 1/2) inch, or two (2) inch type K (soft) copper tubing as noted on plans or directed by Engineer. All copper connections shall be made with compression-type joints. All water service lines shall have a minimum five (5) foot of cover. The water service shall have no splices.

The corporation stop shall be Ford FB-600 or approved equal and shall be installed by tapping the water main with an approved tapping machine. The tap shall be made in the upper third of the main, as close to a 45-degree angle as is practical. The tap shall be made through a full circle stainless steel tapping saddle of the correct size depending on diameter of water main and size of new service tap. The tapping saddle shall be one of the following: Cascade Style CNS2 epoxy coated, double strap, ductile iron saddle or Cascade Style CS22 wide double band saddle or Ford FCD202, or Ford FS323. The roadway key stop shall be Ford B44, with a buffalo style size 100E (6') or 94E (5') service box. Only cast iron buffalo style boxes and lids will be allowed. The roadway keystone and buffalo box shall be located within the parkway area seven feet (7') from the property line or as close to that distance as possible from the property line, unless directed otherwise by the Engineer. The cover of the buffalo box shall have the word "WATER" cast thereon. The Contractor shall record the location of each buffalo box in relation to the nearest corner lot line, and the tap in relation to the nearest fire hydrant. Two copies of this record shall be filed with the Village prior to final inspection and final payment. No buffalo-box shall be located in a driveway or in the sidewalk without the approval of the Engineer.

No splices of any kind will be allowed in the water service line from the corporation stop to the roadway key stop. There shall be no splice from the roadway key stop to the water service meter unless specifically authorized by the Village.

Prior to final inspection, the Contractor shall see that all water appurtenances are adjusted to grade and clearly visible.

All Materials and Methods used shall comply with the above specifications.

Basis of Payment: This work shall be paid for at the contract unit price per **EACH** for:

### **COMPLETE WATER SERVICE LINE REPLACEMENT, SHORT**

which price shall be payment in full for all excavation, augering, removals, materials, PVC-SDR-26 Casing pipe, and related work necessary to complete this item. Water Main Fittings, restoration, driveway removal & replacement, topsoil, and sodding shall be considered **INCIDENTAL** to installation, and no additional compensation will be allowed the Contractor.

It is expected that all services shall be augered under street pavements not otherwise disturbed by the installation of the main or encumbered by the separation requirements from storm and sanitary sewers.

### **SP-40 THRUST RESTRAINT**

**Description:** Formed concrete thrust restraints may be required at fire hydrants, plugs, caps, and tees in addition to the wedge action retainer glands at fittings, upon the specific direction of the Engineer. 4000

## Village of Downers Grove – 2024 Water Main Improvements

PSI Portland cement concrete shall be used. The use of wood blocking, concrete blocks, stakes or clamps will not be allowed.

**Basis of Payment:** Thrust restraints shall be considered **INCIDENTAL** to Ductile Iron Water Main Pipe installation, and no additional compensation will be allowed the Contractor.

### **SP-41 WATER SYSTEM SHUTDOWN**

**Description:** All existing valves shall be turned and operated by the Village's Water Division Personnel. When the Contractor desires the shutdown of an existing water main for the purpose of connection or abandonment, he shall give the Water Division and Engineer at least 48 hours' notice. The Water Division will advise the Contractor of their availability and then schedule the work. (630.434.5460)

### **SP-42 VALVES**

**Description:** Water main valves shall meet all of the requirements of the following standards as reissued and published on or before the date of this contract:

- Rubber-Seated Butterfly Valves - AWWA C504
- Resilient-Seated Gate Valves - AWWA C509
- Resilient-Seated Gate Valves for Pressure - AWWA 6500
- Side Tapping or Pressure Insertion - AWWA C509

All valves shall have the name, monogram, or initials of the manufacturer cast thereon. The Contractor shall submit to the Engineer the Manufacturer's specifications for the valves he intends to use on this project. All valves shall contain factory installed Grade 316 stainless steel nuts and Grade 304 bolts. All valves shall be furnished with mechanical joints conforming to ANSI/ANWA- C111/A21.11.

Valves for water mains twelve inches in diameter or larger shall be Resilient-Seated gate valves and installed in a six foot diameter Type A vault with a standard cone section. Valves for water main ten inches in diameter or less shall be Resilient-Seated gate valves and installed in a five foot diameter Type A vault with a standard cone section.

Pressure side-tapping Resilient-Seated gate valves shall be installed in a Type A vault with an offset cone section unless otherwise noted. A six foot diameter vault shall be used for tapping mains ten inches in diameter or larger, five foot diameter vault when tapping mains eight inches in diameter or less. Pressure insertion Resilient-Seated gate valves shall be installed in a Type A vault with a standard cone, four foot in diameter for mains eight inches in diameter or less, five foot diameter vault for mains ten inches in diameter or larger.

All vaults shall be equipped with a Type 1 frame and lid with the word "WATER" cast in the lid. The pick holes shall be of the large size per IDOT Standard 604001. All lift holes and holes around the water main shall be completely sealed with mortar inside and out. All joints between vault sections and between adjustment rings shall be completely sealed with mastic only, as directed by the Engineer.

Gate Valves, 3" diameter or larger, used to reconnect 3" or larger water services shall be paid for as valves and not as water service reconnection devices.

**Basis of Payment:** This work will be paid for at the contract unit price **EACH** for

## Village of Downers Grove – 2024 Water Main Improvements

**RESILIENT-SEATED GATE VALVE (SIZE SPECIFIED) IN (SIZE SPECIFIED) VAULT,**

which price shall include all excavation, bedding, backfill, blocking, and tapping sleeve or anchor clamps where applicable. Restoration, where **TRENCH BACKFILL** is used in lieu of excavated materials, pavement replacement, and parkway restoration will be paid for separately.

**SP-43 FIRE HYDRANT WITH AUXILIARY VALVE**

**Description:** Fire hydrants shall be Waterous Pacer Model WB-67 or Clow Medallion Model F-2545, with a five and a quarter inch (5 1/4") valve opening, two, two and one-half inch (2 1/2") hose nozzles, and one, five inch (5") Storz fitting. The Storz fitting will be unpainted stainless steel and have a UL listing. All connecting pipe bottom flanges shall be mechanical joints. All hydrants shall be painted with two coats of polyurethane high gloss enamel, #31-ISI OSHA Yellow.

Each hydrant shall incorporate a six-inch (6") auxiliary valve and box. All auxiliary valves shall be located a minimum of thirty inches (30") and a maximum of thirty-six inches (36") from the hydrant. Connection of the hydrant and auxiliary valve assembly shall be made with a six-inch (6") diameter ductile iron water main. The installation of the fire hydrants and auxiliary valves shall be in accordance with the attached hydrant details. All auxiliary valves shall incorporate lacing rods from valve to tee.

Hydrants shall be set plumb, with the nozzle and steamer connection facing the roadway. The steamer connection shall be set not less than eighteen inches (18") nor more than twenty-four inches (24") above finished grade.

All new fire hydrants shall be covered or labeled as being out of service, until such time as the new main is brought into service.

**Basis of Payment:** This work will be paid for at the contract unit price **EACH** for

**FIRE HYDRANT WITH AUXILIARY VALVE,**

which price shall include all excavation, backfill and compaction, the hydrant, auxiliary valve and box, all six-inch DIWM pipe up to the main line tee, and all fittings.

**SP-44 FIRE HYDRANT REMOVAL**

**Description:** This work shall consist of the disconnection and removal of existing hydrants that will no longer be in service because of this contract. Included in this item is the removal of the auxiliary valve and connecting water main, and securely plugging the hydrant tee.

**The Contractor MAY NOT REMOVE any fire hydrant without the specific permission of the Engineer.**

**Basis of Payment:** This work will be paid for at the contract unit price **EACH** for

**FIRE HYDRANT REMOVAL,**

which price shall include all excavation, backfilling, materials, and transportation necessary to complete this item.

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**SP-45 STEEL CASING PIPE, (SIZE)**

**Description:** This work shall consist of the auguring or open cut of casing pipe as specified for the installation of water main pipe through it. Water main pipe materials and installation shall comply with all requirements of the DUCTILE IRON WATER MAIN, 8” special provisions of this document.

The casing pipe shall be a new welded steel pipe, capable of withstanding a minimum force of 35,000 PSI, and shall meet the requirements of ASTM-139, Grade B. The following table shall determine the diameter size and wall thickness of the casing pipe:

**CASING PIPE**

Diameter Size of Water main Pipe	Diameter Size of Casing Pipe	Minimum Wall Thickness
6"	12"	0.250"
8"	16"	0.282"
12"	20"	0.344"

The auger length shall be as shown on the plans, or as directed by the Engineer in the field, and/or shall conform to the following IEPA standards:

- a) Where the horizontal separation between the water main and any storm or sanitary sewer is less than ten feet and the bottom of the water main is less than eighteen inches above the top of the sewer; or
- b) Where the water main crosses less than eighteen inches above or any distance below a sewer.

For condition (a), the casing pipe shall extend the entire length of the above described proximity and for condition (b), the casing shall be installed for a distance of no less than ten feet to either side of the sewer. For the purpose of this special provision, open-ended ditch culverts shall not be considered a sewer.

The auguring of the casing pipe shall be a continuous operation. All joints in the casing shall be welded. Care shall be exercised when auguring to prevent the loss of soil which will create voids outside of the casing.

Power sealer #4810 casing spacers or approved equal shall be used when installing the water main within the casing pipe. Skids shall be securely banded to the water main at frequent intervals such that the pipe is uniformly supported within the casing. Prior to backfilling, the ends of the casing pipe shall be sealed with brick and mortar.

The auger pit shall be large enough to accommodate all equipment; however, this pit shall not be larger than twice the allowable trench width by twice the casing pipe length. The pit shall be protected at all times such that safe working conditions are assured and no hazard is presented to motorists or pedestrians.

**Basis of Payment:** The work shall be paid for at the contract unit price per **FOOT** for

**STEEL CASING PIPE (SIZE),**

which shall include all labor, materials, and necessary equipment to complete the work in place.

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**SP-46 STEEL CASING PIPE, (SIZE), JACK AND BORE**

**Description:** This work shall consist of the auguring and jacking of steel casing pipe at the location shown on the plans.

The casing pipe shall be a new welded steel pipe, capable of withstanding a minimum force of 35,000 PSI, and shall meet the requirements of ASTM-139, Grade B. The following table shall determine the diameter size and wall thickness of the casing pipe:

**CASING PIPE**

Diameter Size of Water Main Pipe	Diameter Size of Casing Pipe	Minimum Wall Thickness
6"	12"	0.250"
8"	16"	0.282"
12"	20"	0.344"

The auger length shall be as shown on the plans, or as directed by the Engineer in the field, and/or shall conform to the following IEPA standards:

- a) Where the horizontal separation between the water main and any storm or sanitary sewer is less than ten feet and the bottom of the water main is less than eighteen inches above the top of the sewer; or
- b) Where the water main crosses less than eighteen inches above or any distance below a sewer.

For condition (a), the casing pipe shall extend the entire length of the above described proximity and for condition (b), the casing shall be installed for a distance of no less than ten feet to either side of the sewer.

The auguring of the casing pipe shall be a continuous operation. All joints in the casing shall be welded. Care shall be exercised when auguring to prevent the loss of soil which will create voids outside of the casing.

Power sealer #4810 casing spacers or approved equal shall be used when installing the water main within the casing pipe. Skids shall be securely banded to the water main at frequent intervals such that the pipe is uniformly supported within the casing. After insertion of the water main, the void space between the casing pipe and the carrier pipe shall be filled with non-cohesive granular material and the ends of the casing pipe shall be sealed with brick and mortar.

The auger pit shall be large enough to accommodate all equipment; however, the pit shall be protected at all times such that safe working conditions are assured and no hazard is presented to motorists or pedestrians.

**Basis of Payment:** The work shall be paid for at the contract unit price per FOOT for **STEEL CASING PIPE (SIZE), JACK AND BORE**, which shall include all labor, materials, and necessary equipment to complete the work in place, including the cost for excavating, shoring, dewatering, and backfilling of the auger pit(s) with suitable material.

## Village of Downers Grove – 2024 Water Main Improvements

**SP-47 CONNECTION TO EXISTING WATER MAIN**

**Description:** The Village of Downers Grove Water Division personnel shall turn off existing Village valves necessary to perform cut-in connections. Cut-in connections shall be performed only after pressure testing, leakage testing and disinfecting of the new water main has been performed and accepted by the Village. Cut-in connections will be performed under the supervision of Water Division personnel.

**Basis of Payment:** This work will be paid for at the contract unit price **EACH** for

**CONNECTION TO EXISTING WATER MAIN, (NON PRESSURE) (SIZE),**

which price shall include all labor, materials, and equipment necessary to do the work.

**SP-48 PRESSURE TESTING**

**Description:** Upon completion of the proposed water main and prior to the connection of all service lines, the water main shall be subjected to a hydrostatic pressure of 150 PSI gauged, based on the elevation of the lowest point in the line or section under test. The test shall be corrected to the elevation of the test gauge for both pressure and leakage for a period of not less than two (2) hours. Any cracked or defective pipefitting, valves, hydrants found shall be removed and replaced with satisfactory materials and the test repeated until test results are satisfactory. Joints showing visible leaks shall be made watertight. The Engineer or their representative shall witness the pressure test. Allowable leakage shall be as follows:

<u>MAIN SIZE</u>	<u>ALLOWABLE LEAKAGE</u>
12"	0.99 gal. /hr./1000 ft. of water main
10"	0.83 gal. /hr./1000 ft. of water main
8"	0.66 gal. /hr./1000 ft. of water main
6"	0.50 gal. /hr./1000 ft. of water main
4"	0.33 gal. /hr./1000 ft. of water main

**Basis of Payment:** This work is considered **INCIDENTAL** to the installation of the water main pipe, and no additional compensation will be given for any required re-testing.

**SP-49 CHLORINATION**

**Description:** Upon completion of all water mains and after the results of the hydrostatic test are satisfactory, but prior to the connection of all service lines, the water main shall be thoroughly flushed and chlorinated. The liquid-chlorine-gas-mixture method of procedure shall be as follows:

- A.) Prior to chlorinating, all dirt and foreign material shall be removed from the main, or any valved section, by a thorough flushing through the hydrants, or by other approved methods.
- B.) A chlorine gas-water mixture shall be applied by means of a solution-feed chlorinating device, or if approved by the Engineer, the gas shall be fed directly from a chlorine cylinder equipped for diffusion of the gas within the pipes.
- C.) The preferable point of application of the chlorinating agent shall be through a corporation stop inserted near the horizontal axis of the pipe at the beginning of the pipe line extension of any valve section to be placed in service. The water injector for delivering the gas-water mixture into the pipe shall be supplied by a tap on the pressure side of a valve controlling the flow into the pipe



## Village of Downers Grove – 2024 Water Main Improvements

to be chlorinated.

D.) Water from the pressure side of the valve or other source of supply shall be controlled to flow very slowly into the newly laid pipeline during the application of chlorine. The rate of chlorine gas-water mixture flow shall be in such proportion to the rate of water entering the pipe that the chlorine dose applied to the water entering the newly laid pipe shall have a chlorine residual of not less than 50 PPM. It shall be left in contact with the main for at least twenty-four (24) hours with a 25-PPM chlorine residual remaining after the contact period.

E.) Following the chlorinating, all treated water shall be thoroughly flushed from the new section of main. Samples shall be collected for bacteriological analysis on two (2) successive days, under the supervision of the Water Division Representative. All samples shall be taken from various points on the new portion of the system, from a copper whip tapped into the new section of water main. The samples taken shall be given to the Water Division Representative for testing. The new section of main shall not be placed into service until the Water Division grants approval.

F.) A representative of the Water Division shall witness chlorinating of the water main.

**Basis of Payment:** This work is considered **INCIDENTAL** to the installation of the water main pipe, and no additional compensation will be given for repeating any part of the chlorinating procedure, should the residual level of chlorine fail to meet the requirements.

#### **SP-50 LINE STOP EXISTING MAIN**

**Description:** This item shall consist of installing a temporary line stop in the existing water mains that are under pressure. Prior to installing the line stop, the Contractor shall verify the actual diameter of the main at the point where the line stop will be installed. Split sleeves, fittings, and rubber glands shall conform to AWWA C110 and bolts and set screws shall be stainless steel or corrosion resistant materials.

**Basis of Payment.** This work will be paid for at the contract unit price per **EACH** for

#### **LINE STOP EXISTING MAIN (SIZE SPECIFIED),**

which will include all excavation, backfill, tapping equipment, fittings, split sleeves, rubber glands and any joint accessories for a complete line stop installation.

#### **SP-51 ABANDONMENT OF EXISTING WATER MAIN**

**Description:** After final inspection of the new main, and upon notice from the Engineer, the Contractor shall abandon in-place, the existing water main system that has been replaced by the work performed in this contract.

The exposed ends of all disconnected water main pipes shall be plugged with either a minimum of six inches of concrete, eight inches of brick and mortar, or mechanically capped where specified. A Representative of the Water Department shall witness the abandonment.

Abandoned valves shall be closed and the respective valve boxes broken down to a minimum of three feet below grade. Valve vaults shall be broken down to a minimum of three feet below grade, backfilled and compacted to grade. Any valve deemed salvageable by the Engineer shall be removed and transported to the Village's Public Works Building. Water main stubs shall then be plugged or capped in the manner

## Village of Downers Grove – 2024 Water Main Improvements

described above.

**Basis of Payment:** This work shall be paid for at the contract **LUMP SUM** for

**ABANDONMENT OF EXISTING WATER MAIN,**

which price shall include all costs for exposing, cutting and plugging of main, removal of valves and filling of vault. Pavement restoration, parkway restoration, and fire hydrant removal shall be paid for separately.

**SP-52 LEAK DETECTION**

**Description:** Upon completion of the proposed water mains and services, **but prior to the placement of any asphalt or concrete roadways**, the water main shall be leak tested.

The work to be done shall include furnishing of all labor, material, transportation, tools, and supplies necessary to acoustically survey the installed water mains and service connections. The Contractor shall be responsible for and shall provide personnel qualified to conduct waterline locating activities during the course of the leak detection survey.

The contractor shall listen on **all** hydrants, valves, and when necessary b-boxes with sensitive sound intensifying instruments to determine areas of leakage. When a leak is discovered, the contractor shall conduct further investigations using an Electronic Leak Correlator to pinpoint the leaks for repairs.

Any cracked or defective pipefitting, valves, hydrants or services found shall be removed and replaced at no additional cost to the Village with satisfactory materials and the test repeated until test results are satisfactory. Upon completion of the leak survey a final report shall be submitted indicating the following, at a minimum:

- 1) A description of the area surveyed including lineal feet of the system surveyed;
- 2) A summary list of leaks including a description of the type of leak (main line, service line, valve or hydrant) and the location of the leak.
- 3) Individual leak detection reports incorporating a diagram of the area surveyed for the suspect leak, as well as information relative to the date and time the leak was detected, the address/location of the leak and the number and type of connection points used.
- 4) A summary list of leak repairs completed including a description of the type of leak (main line, service line, valve or hydrant), the location of the leak and the date and time the leak repair was completed.

**Basis of Payment:** This work will be paid for at the contract **LUMP SUM** price for

**LEAK DETECTION,**

which price shall be payment in full for the work as specified herein, and no additional compensation will be given for any required re-testing.

## Village of Downers Grove – 2024 Water Main Improvements

**SP-53 IEPA CLEAN CONSTRUCTION OR DEMOLITION DEBRIS**

**Description:** If construction activities will result in removal and disposal of excavation spoils, per Illinois Public Act 96-1416 and the Illinois Environmental Protection Agency, soil sampling and analysis, along with certification from a licensed professional engineer (PE) or licensed professional geologist (PG) that the soil is uncontaminated, will be required prior to clean construction and demolition debris (CCDD) facility acceptance. However, if the subject property has never been used for industrial or commercial purposes, and is not adjacent to Potentially Impacted Properties (PIPs), then the site owner or operator may certify that the soil is uncontaminated by use of IEPA form LPC-662.

To facilitate meeting the above requirements, the Village will supply a signed LPC-663 or LPC-662 form. Neither the LPC-663/662, nor the report shall be considered a guarantee that excavated material shall meet the requirements of Illinois Public Act 96-1416, and the Contractor shall be responsible for satisfactory removal and disposal of all material as specified herein. No additional environmental testing of the existing on-site material may be performed without prior written permission from the Engineer. In the event that Contractor performs any additional testing without the written permission of the Engineer, Contractor will be required to properly and legally dispose of all material from the project site, regardless of its suitability for disposal in a CCDD facility, at their own expense, without any additional payment for testing, hauling and disposal as specified below.

The Village anticipates that one or more of the following CCDD facilities will accept material from this project:

- Reliable Lyons CCDD, 4226 Lawndale Ave, Lyons, IL 60534
- Hanson Material Service, 125 N Independence Blvd, Romeoville, IL 60446
- Bluff City Materials, 1245 Gifford Rd, Elgin, IL 60120
- Vulcan Materials, 5500 Joliet Rd, McCook, IL 60525
- Heartland Recycling Aurora CCDD, 213 Mettel Rd, Aurora, IL 60505

Contractor shall consult with these facilities prior to submitting a bid for this project. Contractor shall base their bid on hauling all CCDD generated by this project to these facilities. No additional compensation will be allowed for hauling to any other facilities, for any reason, unless none of the above listed facilities will accept the material. If an alternate facility was approved by the Village prior to bid submittal, and that facility will no longer accept the material, the facilities listed above shall be used by the Contractor at no additional cost to the Village, unless none of the above facilities will accept the material. In the case where neither any of the above listed facilities, nor a pre-approved alternate facility, will accept the material, the Village and Contractor shall attempt to locate an alternate facility, unless the material is classified as unsuitable for disposal in a CCDD facility, in which case it shall be hauled to a landfill and paid for as specified below. Should the Contractor wish to haul material to an alternate facility, the name, location and contact information for the proposed facility shall be submitted to the Village for evaluation, a minimum of five (5) calendar days prior to submission of a bid. Any costs associated with additional sampling, analysis, and/or reporting to meet the acceptance requirements of the alternate facility shall be borne by the bidding Contractor and included within the Contractor's bid. By submitting a bid, Contractor agrees that at least one (1) of the above listed facilities, or an alternate facility approved by the Village in writing prior to the submission of the bid, will accept the material and shall be used for disposal of all CCDD from this project, unless otherwise determined to be non-hazardous special waste as specified below. In the event that the Contractor needs to alter the CCDD facility used for placement of excavated material, the Contractor shall notify the Engineer no later than three (3) days in advance of the planned alteration. In no event shall

## Village of Downers Grove – 2024 Water Main Improvements

material be hauled to an alternate facility without the written permission of the Engineer.

**Construction Requirements:** The Contractor shall be responsible for satisfactory removal and disposal of all waste material, asphalt, concrete, stone, dirt, and debris generated or discovered in the course of the work. Removal and disposal of excavation items being disposed of at a clean construction and demolition debris (CCDD) facility shall meet the requirements of Public Act 96-1416. This work shall be incidental and shall not be paid for separately, with the exception of the **ADDITIONAL HAULING SURCHARGE, NON-HAZARDOUS SPECIAL WASTE** as specified below.

The temporary storing of excavated materials within the public right-of-way or project limits shall not be allowed unless approved by the Engineer. It shall be the Contractor's responsibility to find an approved dumpsite for debris and any excavated materials. The Village will not provide one.

The Contractor shall employ a licensed testing firm, as approved by Engineer, to screen each truck-load of material on-site, using a PID or FID field screen or other acceptable method. The PID shall be calibrated on a daily basis. The Contractor shall enter all truck-loads leaving the site into an on-site screening log including, but not limited to, project name, date, time, weather conditions, name of screener, hauling company, truck number, screening method, background PID reading, calibrated PID reading, truck/bucket PID reading, and description of materials screened. Each day prior to the first truck leaving the site, Engineer and Contractor's testing consultant shall agree on the allowable PID reading in accordance with the receiving CCDD facility procedures (typically 0.0 or daily background levels). The receiving CCDD facility may be consulted daily, or periodically, as needed to verify that the appropriate value is being used. If said screen indicates levels that will be unacceptable for disposal at the CCDD facility, the material shall be quarantined on-site for further evaluation. If material is rejected at the CCDD facility, it shall be returned to the project site and quarantined for further evaluation. No additional compensation shall be allowed for returning a rejected load back to the project site, or any other additional hauling, loading, unloading, etc, as may be required. Should it be determined by the Village or Village's agent that the material is not suitable for disposal in a CCDD facility, the Contractor shall be responsible for properly disposing of the material at an acceptable landfill, and providing the Village with all of the proper paperwork to document the material disposal with the IEPA. This work shall be paid for as specified below. If a truck-load is rejected by a CCDD facility after leaving the project site, and said truck-load is not identified in the on-site screening log, the Contractor shall still be required to properly dispose of the material and provide the Village with the necessary documentation, but shall not be additionally compensated as specified below.

All additional work to satisfy these requirements shall be the responsibility of the Contractor. All costs associated with meeting these requirements shall be paid for as specified herein. These costs shall include but are not limited to all required testing, lab analysis, and certification by a licensed professional engineer (PE) or licensed professional geologist (PG), if required, in addition to the cost of additional hauling, dump fees, etc. Payment for this work shall be in addition to payment for EARTH EXCAVATION per the contract unit price. No adjustment to the contract unit price will be allowed due to changes to quantities based on actual field conditions.

**Basis of Payment:** This work shall be paid for at the contract unit price per **LOAD** for

**ADDITIONAL HAULING SURCHARGE, NON-HAZARDOUS SPECIAL WASTE,**

which price shall be payment in full for the work as specified herein.

Village of Downers Grove – 2024 Water Main Improvements

**V. BID and CONTRACT FORM (Village)**

**\*\*\*THIS BID WHEN ACCEPTED AND SIGNED BY AN AUTHORIZED SIGNATORY OF THE VILLAGE OF DOWNERS GROVE SHALL BECOME A CONTRACT BINDING UPON BOTH PARTIES.**

**Entire Form Must Be Completed If a Submitted Bid Is To Be Considered For Award**

**BIDDER:**

H. Linden & Sons Sewer and Water, Inc.

Company Name

4/24/24  
Date

722 E. SOUTH ST. UNIT D  
PLANO, IL 60545

Street Address of Company

admin@hlindensons.com  
E-mail Address

City, State, Zip

Steve Linden  
Contact Name (Print)

630-552-9955  
Business Phone

630-918-4346  
24-Hour Telephone

630-522-0955  
Business Fax

Brian Linden  
Signature of Officer, Partner or Sole Proprietor

ATTEST: if a Corporation

Brian Linden president  
Print Name & Title

Signature  
Signature of Corporation Secretary

We hereby agree to furnish the Village of Downers Grove all necessary materials, equipment, labor, etc. to complete the project by **September 20, 2024** in accordance with the provisions, instructions and specifications for the unit prices shown on the Schedule of Prices.

**VILLAGE OF DOWNERS GROVE:**

**ATTEST:**

Authorized Signature

Village Clerk

Title

Date

Date

In compliance with the specifications, the above-signed offers and agrees, if this Bid is accepted within **90** calendar days from the date of opening, to furnish any or all of the services upon which prices are quoted, at the price set opposite each item, delivered at the designated point within the time specified above.

# THE AMERICAN INSTITUTE OF ARCHITECTS

## AIA Document A310 Bid Bond

KNOW ALL MEN BY THESE PRESENTS, THAT WE H. Linden & Sons Sewer & Water, Inc.  
722 E. South Street, Unit D Plano, IL 60545

as Principal, hereinafter called the Principal, and Swiss Re Corporate Solutions America Insurance Corporation  
1200 Main Street, Suite 800, Kansas City, MO 64105

a corporation duly organized under the laws of the State of MO

as Surety, hereinafter called the Surety, are held and firmly bound unto Village of Downers Grove  
5101 Walnut Avenue Downers Grove, IL 60515

as Obligee, hereinafter called the Obligee, in the sum of Five Percent of Amount Bid  
Dollars (\$ 5% ),

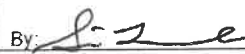
for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.


WHEREAS, the Principal has submitted a bid for Indianapolis Reconstruction 2024 Water Main Improvements


NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and materials furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 24th day of April, 2024

  
(Witness)

H. Linden & Sons Sewer & Water, Inc.  
(Principal) (Seal)  
By:  sec/treas  
(Title)

  
Sharon Kelsch (Witness)

Swiss Re Corporate Solutions America Insurance Corporation  
(Surety) (Seal)  
By:   
Attorney-in-Fact Ann Marie Waters (Title)

STATE OF ILLINOISCOUNTY OF DuPAGE

I, DeAnne Marie Pehlke Notary Public of Will County, in the State of Illinois, do hereby certify that Ann Marie Waters Attorney-in-Fact, of the Swiss Re Corporate Solutions America Insurance Corporation who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that she signed, sealed and delivered said instrument, for and on behalf of the Swiss Re Corporate Solutions America Insurance Corporation for the used and purposes therein set forth.

Given under my hand and notarial seal at my office in the Village of Naperville in said County, this 24th day of April, 2024

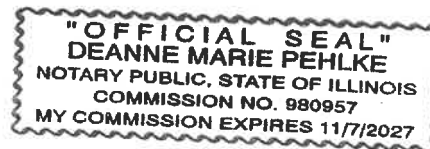
DeAnne Marie Pehlke

(Notary Public)

DeAnne Marie Pehlke

My Commission expires: 11/7/2027

Notary Seal:



SWISS RE CORPORATE SOLUTIONS

SWISS RE CORPORATE SOLUTIONS AMERICA INSURANCE CORPORATION ("SRCSAIC")
SWISS RE CORPORATE SOLUTIONS PREMIER INSURANCE CORPORATION ("SRCSPIC")
WESTPORT INSURANCE CORPORATION ("WIC")

GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, THAT SRCSAIC, a corporation duly organized and existing under laws of the State of Missouri, and having its principal office in the City of Kansas City, Missouri, and SRCSPIC, a corporation organized and existing under the laws of the State of Missouri and having its principal office in the City of Kansas City, Missouri, and WIC, organized under the laws of the State of Missouri, and having its principal office in the City of Kansas City, Missouri, each does hereby make, constitute and appoint:

WILLIAM CAHILL, KIMBERLY SAWICKI, ANN MARIE WATERS, KIMBERLY R. HOLMES, KAREN A. RYAN, RICHARD A. FREEBOURN,
RACHEL E. HERNANDEZ and BRENT R. WAGNER

JOINTLY OR SEVERALLY

Its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its act and deed, bonds or other writings obligatorily in the nature of a bond on behalf of each of said Companies, as surety, on contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract or suretyship executed under this authority shall exceed the amount of:

FIFTY MILLION (\$50,000,000.00) DOLLARS

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of both SRCSAIC and SRCSPIC at meetings duly called and held on the 18th of November 2021 and WIC by written consent of its Executive Committee dated July 18, 2011.

"RESOLVED, that any two of the President, any Managing Director, any Senior Vice President, any Vice President, the Secretary or any Assistant Secretary be, and each or any of them hereby is, authorized to execute a Power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Corporation bonds, undertakings and all contracts of surety, and that each or any of them hereby is authorized to attest to the execution of any such Power of Attorney and to attach therein the seal of the Corporation: and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Corporation may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be binding upon the Corporation when so affixed and in the future with regard to any bond, undertaking or contract of surety to which it is attached."



By Erik Janssens, Senior Vice President of SRCSAIC & Senior Vice President of SRCSPIC & Senior Vice President of WIC

By Gerald Jagrowski, Vice President of SRCSAIC & Vice President of SRCSPIC & Vice President of WIC



IN WITNESS WHEREOF, SRCSAIC, SRCSPIC, and WIC have caused their official seals to be hereunto affixed, and these presents to be signed by their authorized officers

this 26TH day of JANUARY, 20 23

Swiss Re Corporate Solutions America Insurance Corporation
Swiss Re Corporate Solutions Premier Insurance Corporation
Westport Insurance Corporation

State of Illinois
County of Cook

ss

On this 26TH day of JANUARY, 20 23, before me, a Notary Public personally appeared Erik Janssens, Senior Vice President of SRCSAIC and Senior Vice President of SRCSPIC and Senior Vice President of WIC and Gerald Jagrowski, Vice President of SRCSAIC and Vice President of SRCSPIC and Vice President of WIC, personally known to me, who being by me duly sworn, acknowledged that they signed the above Power of Attorney as officers of and acknowledged said instrument to be the voluntary act and deed of their respective companies.



Christina Manisco
Christina Manisco, Notary

I, Jeffrey Goldberg, the duly elected Senior Vice President and Assistant Secretary of SRCSAIC and SRCSPIC and WIC, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney given by said SRCSAIC and SRCSPIC and WIC, which is still in full force and effect. IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 24th day of April, 20 24.

Jeffrey Goldberg, Senior Vice President & Assistant Secretary of SRCSAIC and SRCSPIC and WIC



## Village of Downers Grove – 2024 Water Main Improvements

**SCHEDULE OF PRICES:**

ITEM NO.	DESCRIPTION	UNIT	TOTAL QTY	UNIT COST	TOTAL COST
1	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	364	3.00	1,092.00
2	SUPPLEMENTAL WATERING	UNIT	50	1.00	50.00
3	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	3,641	9.00	32,769.00
4	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	3,217	29.00	93,293.00
5	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	50	18.00	900.00
6	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	462	113.00	52,206.00
7	PAVEMENT REMOVAL	SQ YD	3,395	10.00	33,950.00
8	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	910	8.00	7,280.00
9	VALVE BOX TO BE ADJUSTED	EACH	1	200.00	200.00
10	MOBILIZATION	LSUM	1	30,000.00	30,000.00
11	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	198	15.00	2,970.00
12	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	43	20.00	860.00
13	PRECONSTRUCTION VIDEOTAPING	LSUM	1	3,000.00	3,000.00
14	CONSTRUCTION STAKING AND RECORD DRAWINGS	LSUM	1	20,000.00	20,000.00
15	TREE PROTECTION	FOOT	889	8.00	7,112.00
16	TREE ROOT PRUNING	EACH	11	120.00	1,320.00
17	TREE PRUNING	EACH	11	100.00	1,100.00
18	TRAFFIC CONTROL, MAINTENANCE OF TRAFFIC, DETOURS	LSUM	1	140,000.00	140,000.00
19	STREET SWEEPING AND DUST CONTROL	HOURL	150	95.00	14,250.00
20	PERIMETER EROSION BARRIER	FOOT	393	4.00	1,572.00
21	INLET FILTERS	EACH	20	180.00	3,600.00

## Village of Downers Grove – 2024 Water Main Improvements

22	TRENCH BACKFILL	CU YD	980	45.00	44,100.00
23	TEMPORARY SURFACE OVER TRENCH - AGGREGATE (CA-6), 8"	SQ YD	422	10.00	4,220.00
24	AGGREGATE FOR TEMPORARY ACCESS	CU YD	116	35.00	4,060.00
25	EXPLORATORY TRENCH, SPECIAL	CU YD	40	41.00	1,640.00
26	PARK WAY RESTORATION, SPECIAL	SQ YD	3,423	20.00	68,460.00
27	EXCAVATION, SPECIAL	CU YD	1,456	51.00	74,256.00
28	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	121	58.00	7,018.00
29	UNDERCUTTING FOR UTILITIES	CU YD	22	35.00	770.00
30	POROUS GRANULAR EMBANKMENT, SUB GRADE	CU YD	121	44.00	5,324.00
31	COMBINATION CURB AND GUTTER REMOVAL	FOOT	40	6.00	240.00
32	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12	FOOT	1,315	26.00	34,190.00
33	CONCRETE GUTTER, TYPE 1	FOOT	1,285	26.00	33,410.00
34	P.C.C. SIDEWALK REMOVAL AND REPLACEMENT	SQ FT	2,827	14.00	39,578.00
35	DETECTABLE WARNINGS	SQ FT	62	44.00	2,728.00
36	BITUMINOUS MATERIALS (TACK COAT), TRACKLESS	POUND	1,033	.01	10.33
37	DRIVEWAY PAVEMENT REMOVAL	SQ YD	696	10.00	6,960.00
38	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, SPECIAL 3"	SQ YD	422	35.00	14,770.00
39	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, SPECIAL 8"	SQ YD	116	69.00	8,004.00
40	P.C.C. DRIVEWAY PAVEMENT, SPECIAL 6"	SQ YD	53	100.00	5,300.00
41	P.C.C. DRIVEWAY PAVEMENT, SPECIAL 8"	SQ YD	83	115.00	9,545.00
42	CLASS D PATCH, 6", SPECIAL	SQ YD	422	58.00	24,476.00
43	STORM SEWER REMOVAL, 10"	FOOT	403	5.00	2,015.00
44	STORM SEWER REMOVAL, 12"	FOOT	812	5.00	4,060.00
45	DRAINAGE & UTILITY STRUCTURE TO BE REMOVED	EACH	10	300.00	3,000.00
46	STORM SEWERS, PVC, 6"	FOOT	8	91.00	728.00

## Village of Downers Grove – 2024 Water Main Improvements

47	STORM SEWERS, PVC, 8"	FOOT	16	104.00	1,664.00
48	STORM SEWERS, WATER MAIN REQUIREMENTS, 12"	FOOT	169	125.00	21,125.00
49	STORM SEWERS, TYPE II, RCP, 12"	FOOT	218	90.00	19,620.00
50	STORM SEWERS, TYPE II, RCP, 18"	FOOT	408	120.00	48,960.00
51	STORM SEWERS, TYPE II, RCP, 24"	FOOT	441	150.00	66,150.00
52	INLET, TYPE A, EJW 7045 FRAME AND GRATE	EACH	1	2,000.00	2,000.00
53	INLET, TYPE A, NEENAH R-3506-B GRATE	EACH	6	2,000.00	12,000.00
54	CATCHBASIN, TYPE C, TYPE 8 FRAME AND GRATE	EACH	4	4,000.00	16,000.00
55	CATCHBASIN, TYPE C, EJW 7045 FRAME AND GRATE	EACH	5	4,000.00	20,000.00
56	CATCHBASIN, TYPE C, NEENAH R-3506-B GRATE	EACH	1	4,000.00	4,000.00
57	MANHOLE, 4' DIA., TYPE A, TYPE 1 FRAME AND GRATE, CL	EACH	3	4,000.00	12,000.00
58	MANHOLE, 4' DIA., TYPE A, TYPE 1 FRAME AND GRATE, OL	EACH	2	4,000.00	8,000.00
59	MANHOLE, 5' DIA., TYPE A, TYPE 1 FRAME AND GRATE, CL	EACH	4	5,000.00	20,000.00
60	STORM SEWER CONNECTION TO EXISTING STRUCTURE, 12"	EACH	1	1,200.00	1,200.00
61	STORM SEWER CONNECTION TO EXISTING STRUCTURE, 24"	EACH	1	2,000.00	2,000.00
62	DRAINAGE & UTILITY STRUCTURE TO BE ADJUSTED	EACH	2	500.00	1,000.00
63	FRAMES AND LIDS TO BE ADJUSTED, SANITARY (SPECIAL)	EACH	3	2,000.00	6,000.00
64	SANITARY SERVICE RECONNECTION	EACH	6	1,000.00	6,000.00
65	ADJUSTING SANITARY SERVICE LINES	EACH	6	1,000.00	6,000.00
66	DUCTILE IRON WATER MAIN PIPE (8")	FOOT	1,752	140.00	245,280.00
67	DUCTILE IRON WATER MAIN PIPE (12")	FOOT	34	180.00	6,120.00
68	WATER SERVICE, 1 1/2", SHORT OPEN CUT	EACH	18	3,000.00	54,000.00
69	WATER SERVICE, 1 1/2", LONG PUSHED	EACH	2	4,000.00	8,000.00
70	WATER SERVICE, 2", SHORT OPEN CUT	EACH	5	5,000.00	25,000.00
71	COMPLETE WATER SERVICE LINE REPLACEMENT, SHORT	EACH	4	6,000.00	24,000.00

Village of Downers Grove – 2024 Water Main Improvements

72	RESILIENT - SEATED GATE VALVE (8"), IN 5' VAULT	EACH	6	7,800.00	46,800.00
73	RESILIENT - SEATED GATE VALVE (12"), IN 6' VAULT	EACH	2	9,000.00	18,000.00
74	FIRE HYDRANT WITH AUXILIARY VALVE	EACH	7	8,500.00	59,500.00
75	FIRE HYDRANT REMOVAL	EACH	3	750.00	2,250.00
76	STEEL CASING PIPE, 16"	FOOT	57	200.00	11,400.00
77	STEEL CASING PIPE, 16", JACK AND BORE	FOOT	77	800.00	61,600.00
78	CONNECTION TO EXISTING WATER MAIN (NON PRESSURE 8")	EACH	2	4,000.00	8,000.00
79	CONNECTION TO EXISTING WATER MAIN (NON PRESSURE 12")	EACH	2	5,000.00	10,000.00
80	LINE STOP EXISTING MAIN, 6"	EACH	2	4,000.00	8,000.00
81	LINE STOP EXISTING MAIN, 8"	EACH	2	4,000.00	8,000.00
82	LINE STOP EXISTING MAIN, 12"	EACH	2	6,000.00	12,000.00
83	ABANDONMENT OF EXISTING WATER MAIN	LSUM	1	10,000.00	10,000.00
84	LEAK DETECTION	LSUM	1	10,000.00	10,000.00
85	ADDITIONAL HAULING SURCHARGE, NON-HAZARDOUS SPECIAL WASTE	LOAD	60	500.00	30,000.00

Total Base Bid \$ 1,778,055.33

## Village of Downers Grove – 2024 Water Main Improvements

**BIDDER'S CERTIFICATION (page 1 of 3)**

With regard to 2024 Water Main Improvements, Bidder H. Linden & Sons Sewer and Water, Inc.  
 (Name of Project) (Name of Bidder)

hereby certifies the following:

1. Bidder is not barred from bidding this Contract as a result of violations of Section 720 ILCS 5/33E-3 (Bid Rigging) or 720 ILCS 5/33E-4 (Bid-Rotating);
2. Bidder certifies that it has a written sexual harassment policy in place and full compliance with 775 ILCS 5/2-105(A)(4);
3. Bidder certifies that not less than the prevailing rate of wages as determined by the Village of Downers Grove, DuPage County or the Illinois Department of Labor shall be paid to all laborers, workers, and mechanics performing work for the Village of Downers Grove. All bonds shall include a provision as will guarantee the faithful performance of such prevailing wage clause. Bidder agrees to comply with the Illinois Prevailing Wage Act, 820 ILCS 130/1 et seq., for all work completed. Bidder agrees to pay the prevailing wage and require that all of its subcontractors pay prevailing wage to any laborers, workers or mechanics who perform work pursuant to this Contract or related subcontract. Bidder and each subcontractor shall keep or cause to be kept an accurate record of each worker's name, address, telephone number when available, the last four digits of the worker's social security number, gender, race, ethnicity, veteran's status, skill level, classification, hourly wage paid (including itemized hourly cash and fringe benefits paid in each pay period), number of hours worked each day, the starting and ending times of work each day, the worker's hourly wage rate, the worker's hourly overtime wage rate, the worker's hourly fringe benefit rates, the name and address of each fringe benefit fund, the plan sponsor of each fringe benefit, if applicable, and the plan administrator of each fringe benefit, if applicable. This record shall be sent to the Illinois Department of Labor no later than the fifteenth (15th) day of each calendar month for the immediately preceding month in which construction on a public works project has occurred. Contractor shall then provide an IDOL certification and case number to the Village. The records must be preserved for five (5) years following completion of the contract. Bidder certifies that Bidder and any subcontractors working on the project are aware that filing false payroll records is a Class A misdemeanor and that the monetary penalties for violations are to be paid pursuant to law by the Bidder, contractor and subcontractor. The Village shall not be liable for any underpayments. If applicable: Since this is a contract for a fixed public works project, as defined in 820 ILCS 130/2, Contractor agrees to post at the job site in an easily accessible place, the prevailing wages for each craft or type of worker or mechanic needed to execute the contract or work to be performed;
4. Bidder certifies that it is in full compliance with the Federal Highway Administrative Rules on Controlled Substances and Alcohol Use and Testing, 49 C.F.R. Parts 40 and 382 and that all employee drivers are currently participating in a drug and alcohol testing program pursuant to the Rules;
5. Bidder further certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue, or that Bidder is contesting its liability for the tax delinquency or the amount of a tax delinquency in accordance with the procedures established by the appropriate Revenue Act. Bidder further certifies that if it owes any tax payment(s) to the Department of Revenue, Bidder has entered into an agreement with the Department of Revenue for the payment of all such taxes that are due, and Bidder is in compliance with the agreement.

Village of Downers Grove – 2024 Water Main Improvements

**BIDDER'S CERTIFICATION (page 2 of 3)**

BY: BCL  
Bidder's Authorized Agent

36-2930832

**FEDERAL TAXPAYER IDENTIFICATION NUMBER**

or \_\_\_\_\_  
Social Security Number



Subscribed and sworn to before me  
this 24<sup>th</sup> day of April, 2024  
[Signature]  
Notary Public

(Fill Out Applicable Paragraph Below)

**(a) Corporation**

The Bidder is a corporation organized and existing under the laws of the State of Illinois, which operates under the Legal name of H. Linden & Sons Sewer and Water, Inc., and the full names of its Officers are as follows:

President: Brian Linden

Secretary: Steve Linden

Treasurer: Steve Linden

and it does have a corporate seal. (In the event that this bid is executed by other than the President, attach hereto a certified copy of that section of Corporate By-Laws or other authorization by the Corporation which permits the person to execute the offer for the corporation.)

**(b) Limited Liability Company (LLC)**

The Bidder is a LLC organized and existing under the laws of the State of \_\_\_\_\_, which operates under the legal name of \_\_\_\_\_, and the full names of its managers or members are as follows:

Manager or Member: \_\_\_\_\_

Manager or Member: \_\_\_\_\_

Manager or Member: \_\_\_\_\_

Manager or Member: \_\_\_\_\_

Village of Downers Grove – 2024 Water Main Improvements

**BIDDER'S CERTIFICATION (page 3 of 3)**

**(c) Partnership**

The partnership does business under the legal name of: \_\_\_\_\_,  
which name is registered with the office of \_\_\_\_\_ in the State of  
\_\_\_\_\_.

Names and Addresses of All Partners:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**(d) Sole Proprietor**

The Bidder is a Sole Proprietor whose full name is: \_\_\_\_\_; and if  
operating under a trade name, said trade name is: \_\_\_\_\_, which name is  
registered with the office of \_\_\_\_\_ in the State of \_\_\_\_\_.

6. Are you willing to comply with the Village's insurance requirements within 10 days of the award  
of the contract?  YES  NO (circle one)

INSURER'S NAME: The Continental Insurance Company

AGENT: Trecia Scott

Street Address: 263 Shuman Blvd., Suite 110

City, State, Zip Code: Naperville, IL 60563

Telephone Number: 630-245-4600

I/We hereby affirm that the above certifications are true and accurate and that I/we have read and understand  
them.

Print Name of Company: H. Linden & Sons Sewer and Water, Inc.

Print Name and Title of Authorizing Signature: Steve Linden sec/treas

Signature: [Signature]

Date: 4/24/24



Brown & Brown of Illinois, Inc

263 Shuman Blvd. Suite 110

Naperville, IL 60563

P: (630) 245-4600 | F: (630) 245-4601

[bbinsurance.com](http://bbinsurance.com)

April 17<sup>th</sup> 2024

Village of Downers Grove  
5101 Walnut Avenue  
Downers Grove, Illinois 60515

RE: H. Linden & Sons Sewer & Water Co.

Project: Indianapolis Reconstruction 2024 Water Main Improvements

To Whom It May Concern:

Please be advised that we are the bonding agent for H. Linden & Sons Sewer & Water Co. This contractor obtains their bonds through North American Specialty Insurance Company, 1200 Main St., Suite 800, Kansas City, MO 64105. As stated in the A.M. Best Rating Guide North American Specialty Insurance Company has a rating of A+ XV.

North American Specialty Insurance Company would be willing to entertain a performance and payment bond request on behalf of H. Linden & Sons Sewer & Water Co. Both the surety and the contractor would issue the bond in 100% of the total contract price on the required forms.

This letter shall serve to verify that the information provided by H. Linden & Sons Sewer & Water Co., in the pre-qualification form in regard to the surety and bonding information is correct. I trust that this information satisfies your inquiry. Should you require anything further, please do not hesitate to call.

Sincerely,

Brown & Brown of Illinois

A handwritten signature in black ink, appearing to read 'Kimberly Holmes', written in a cursive style.

Kimberly Holmes  
Bond Manager





ILLINOIS

Brown & Brown of Illinois, Inc.  
263 Shuman Blvd., Suite 110  
Naperville, IL 60563  
P: (630) 245-4600 | F: (630) 245-4601

bbofillinois.com

April 24, 2024

Village of Downers Grove  
5101 Walnut Ave  
Downers Grove, IL 60515

Re: Contractor: H. Linden & Sons Sewer & Water, Inc.  
Job: Indianapolis Reconstruction/ 2024 Water Main Improvements

To Whom It May Concern:

Please be advised that we have reviewed the insurance requirements and are prepared to certify that the required policies are in effect or we will issue the equivalent coverage as set forth in the Contract Documents upon award of the captioned project to the bidder.

If you should have any questions, please contact the undersigned.

Sincerely,

Brown & Brown of Illinois, Inc.



Trecia Scott



## Village of Downers Grove – 2024 Water Main Improvements

MUNICIPAL REFERENCE LIST

Municipality: Village of Monce  
 Address: 5130 W. Court St., Monce, IL 60449  
 Contact Name: Geoff Aggen Phone #: 815-464-2664  
 Name of Project: Wilson Street Water Main  
 Contract Value: \$1,243,785.00 Date of Completion: 3/20/24

Municipality: Village of Alsip  
 Address: 4500 W. 123<sup>rd</sup> St., Alsip, IL 60803  
 Contact Name: Greg Kamplain Phone #: 815-412-2016  
 Name of Project: 2021 Water Main Improvements  
 Contract Value: \$2,765,240.00 Date of Completion: 7/24/22

Municipality: Village of East Hazel Crest  
 Address: 1904 W. 174<sup>th</sup> St., East Hazel Crest, IL 60429  
 Contact Name: Melaine Arnold Phone #: 815-415-2707  
 Name of Project: Water Main Replacement  
 Contract Value: \$969,512.00 Date of Completion: 6/22/22

Municipality: Village of Frankfort  
 Address: 432 W. Nebraska St., Frankfort, IL 60423  
 Contact Name: Carrie Pintar Phone #: 815-412-2715  
 Name of Project: Colony Lane and Heritage Ct. Water Main Improvements  
 Contract Value: \$858,819.24 Date of Completion: 8/25/23

Municipality: Village of Montgomery  
 Address: 200 N. River St., Montgomery, IL 60538  
 Contact Name: Michael Schweisthal Phone #: 630-466-6728  
 Name of Project: Route 31 Water Main Replacement  
 Contract Value: \$570,289.00 Date of Completion: 7/15/22

Village of Downers Grove – 2024 Water Main Improvements

**SUBCONTRACTORS LIST**

The Bidder hereby states the following items of work will not be performed by its organization. (List items to be subcontracted as well as the names, addresses and phone numbers of the subcontractors.)

1) Geneva Construction Type of Work Concrete

Addr: P.O. Box 998 City Aurora State IL Zip 60507

2) Central Boring Type of Work Boring

Addr: 6105 Richmond Road, Unit 1 City Ringwood State IL Zip 60072

3) Schollmeyer Type of Work Landscaping

Addr: 65578 Davberman Road City Big Rock State IL Zip 60511

4) \_\_\_\_\_ Type of Work \_\_\_\_\_

Addr: \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

5) \_\_\_\_\_ Type of Work \_\_\_\_\_

Addr: \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

6) \_\_\_\_\_ Type of Work \_\_\_\_\_

Addr: \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

7) \_\_\_\_\_ Type of Work \_\_\_\_\_

Addr: \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

8) \_\_\_\_\_ Type of Work \_\_\_\_\_

Addr: \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Village of Downers Grove – 2024 Water Main Improvements

**VENDOR W-9 REQUEST FORM**



The law requires that we maintain accurate taxpayer identification numbers for all individuals and partnerships to whom we make payments, because we are required to report to the I.R.S all payments of \$600 or more annually. We also follow the I.R.S. recommendation that this information be maintained for all payees including corporations.

Please complete the following substitute W-9 letter to assist us in meeting our I.R.S. reporting requirements. The information below will be used to determine whether we are required to send you a Form 1099. Please respond as soon as possible, as failure to do so will delay our payments.

**BUSINESS (PLEASE PRINT OR TYPE):**

NAME: see attached W-9

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_

STATE: \_\_\_\_\_

ZIP: \_\_\_\_\_

PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

TAX ID #(TIN): \_\_\_\_\_

(If you are supplying a social security number, please give your full name)

**REMIT TO ADDRESS (IF DIFFERENT FROM ABOVE):**

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_

STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

**TYPE OF ENTITY (CIRCLE ONE):**

- |                      |   |
|----------------------|---|
| Individual           | Limited Liability Company –Individual/Sole Proprietor |
| Sole Proprietor      | Limited Liability Company-Partnership                 |
| Partnership          | Limited Liability Company-Corporation                 |
| Medical              | Corporation   |
| Charitable/Nonprofit | Government Agency                                     |

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

Form **W-9**  
(Rev. October 2018)  
Department of the Treasury  
Internal Revenue Service

# Request for Taxpayer Identification Number and Certification

Give Form to the requester. Do not send to the IRS.

▶ Go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9) for instructions and the latest information.

Print or type. See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.  
**H. Linden & Sons Sewer and Water, Inc.**

2 Business name/disregarded entity name, if different from above  
**NA**

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only **one** of the following seven boxes.  
 Individual/sole proprietor or single-member LLC  
 C Corporation  
 S Corporation  
 Partnership  
 Trust/estate  
 Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ \_\_\_\_\_  
**Note:** Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is **not** disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.  
 Other (see instructions) ▶ \_\_\_\_\_

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):  
 Exempt payee code (if any) \_\_\_\_\_  
 Exemption from FATCA reporting code (if any) \_\_\_\_\_  
*(Applies to accounts maintained outside the U.S.)*

5 Address (number, street, and apt. or suite no.) See instructions.  
**722 E. South Street, Unit D**

6 City, state, and ZIP code  
**Plano, IL 60545**

7 List account number(s) here (optional)

Requester's name and address (optional)

## Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

**Note:** If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

**Social security number**

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

**or**

**Employer identification number**

3	6	-	2	9	3	0	8	3	2
---	---	---	---	---	---	---	---	---	---

## Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**Certification instructions.** You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

**Sign Here** Signature of U.S. person ▶  Date ▶ **4/24/24**

## General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to [www.irs.gov/FormW9](http://www.irs.gov/FormW9).

## Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

Village of Downers Grove – 2024 Water Main Improvements

Apprenticeship and Training Certification

(Does not apply to federal aid projects. Applicable only to maintenance and construction projects that use Motor Fuel Tax funds or state grant monies.)

Name of Bidder: H. Linden & Sons Sewer and Water, Inc.

In accordance with the provisions of Section 30-22 (6) of the Illinois Procurement Code, the Bidder certifies that it is a participant, either as an individual or as part of a group program, in the approved apprenticeship and training programs applicable to each type of work or craft that the bidder will perform with its own forces. The Bidder further certifies for work that will be performed by subcontract that each of its subcontractors submitted for approval either (a) is, at the time of such bid, participating in an approved, applicable apprenticeship and training program; or (b) will, prior to commencement of performance of work pursuant to this Contract, begin participation in an approved apprenticeship and training program applicable to the work of the subcontract. The Illinois Department of Labor, at any time before or after award, 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. Applicable apprenticeship and training programs are those that have been approved and registered with the United States Department of Labor. The Bidder shall list in the space below, the official name of the 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 forces. Types of work or craft work 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 that does not have an applicable apprenticeship or training program. **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. Return this with the Bid.**

see attached certs.

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. In order to fulfill this requirement, it shall not be necessary that an 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.

Print Name and Title of Authorizing Signature: Steve Linden sec treas

Signature: 

Date: 4/24/24

March 19, 2024

H. Linden & Sons Sewer & Water, Inc.  
 722 E. South Street, Unit D  
 Plano, Illinois 60545

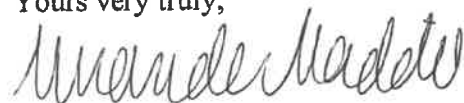
To Whom It May Concern:

Enclosed you will please find a copy of the Department of Labor certification that you requested recently.

You may also use this letter as verification that H. Linden & Sons Sewer & Water, Inc. is indeed signatory to the Fox Valley Welfare and Pension Fund and contributes to the Laborers Apprenticeship Fund.

Should you require anything further, please do not hesitate to contact me.

Yours very truly,



Miranda Maddie  
 Office Manager

**Labor Trustees**

James P. Connolly, *Chairman*  
 Michael Bivins  
 Shawn Fitzgerald  
 Martin Flanagan  
 Joseph V. Healy  
 Loyd "Curly" Vaughn

**Executive Director**

Keith Vitale

**Management Trustees**

David Lorig, *Secretary*  
 Seth Gudeman  
 Shane Higgins  
 Joseph Koppers  
 Robert G. Krug  
 William Vignocchi

**Carol Stream**  
 1200 Old Gary Avenue  
 Carol Stream, IL 60188

**LiUNA!**  
 Feel the Power  


**Chicago**  
 5700 West Homer St.  
 Chicago, IL 60639



# The United States Department of Labor

Office of Apprenticeship Training, Employer and Labor Services

Bureau of Apprenticeship and Training

Certificate of Registration

Chicago and Laborers' I.A.T.C.

Carol Stream, Illinois

For the Trade - Construction Craft Laborer

Registered as part of the National Apprenticeship Program

in accordance with the basic standards of apprenticeship

established by the Secretary of Labor

April 12, 1999

Date REVISED August 13, 2004

11 017990001

Registration No.



*R. J. Chao*

Secretary of Labor

*Anthony Swartz*

Administrator, Apprenticeship Training, Employer and Labor Services

**INTERNATIONAL UNION OF OPERATING ENGINEERS**

LOCAL UNION NO. 150, 150B, 150A, 150C, 150RA, 150D, 150G, 150M

AFFILIATED WITH THE A.F.L.-C.I.O. AND BUILDING TRADES DEPARTMENT

**JAMES M. SWEENEY**  
PRESIDENT-BUSINESS MANAGER(708) 482-8800 - FAX (708) 482-7186  
6200 JOLIET ROAD  
COUNTRYSIDE, IL 60525-3992

September 26, 2023

H. Linden & Sons Sewer & Water Inc.  
722 E South Street Unit D  
Plano, Il 60545

Re: Proof of Compliance with 30 ILCS 500/30-22(6)  
Our File No. MI-00321

Dear Sir or Madam:

At the request of H Linden & Sons Sewer & Water Inc., I am providing you with evidence of the Company's compliance with the apprenticeship requirements in 30 ILCS 500/30-22(6) of the Illinois Procurement Code. I am submitting this letter along with apprenticeship certificates (Nos.IL012020003 and IL008780173).

As a signatory contractor with the International Union of Operating Engineers, Local 150, AFL-CIO, H Linden & Sons Sewer & Water Inc., is required by Collective Bargaining Agreement to participate in an applicable apprenticeship and training program approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training. The attached certificates are evidence of compliance with the U.S. Department of Labor's apprenticeship requirements.

Thank you for your cooperation in this matter. If you have any questions or concerns, please do not hesitate to contact me.

Very truly yours,

IUOE, Local 150, AFL-CIO  
District 1 dispatch office

Maribel Hernandez

Enclosures: Certificates

**The United States Department of Labor**

**Office of Apprenticeship  
Certificate of Registration of Apprenticeship Program**

*Operating Engineers Local 150 Apprenticeship Fund  
Wilmington, Illinois  
For the Trade - Operating Engineer*

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



*December 31, 1978*  
*Date Revised June 23, 2011*

*Registration No. IL008780173*

*Walter J. Solis*  
*Secretary of Labor*  
*Ann V. Hall*  
*Administrator, Office of Apprenticeship*

# The United States Department of Labor

## Office of Apprenticeship

### Certificate of Registration of Apprenticeship Program

*Operating Engineers Local 150 Apprenticeship Fund  
Wilmington, Illinois  
For the Trade – Operating Engineer (Heavy Equipment Technician)*

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



*Abdala J. Solis*  
Secretary of Labor  
*Ad V. Hall*  
Administrator, Office of Apprenticeship

*May 5, 2002*  
Date Revised June 21, 2011  
Registration No. IL012020003



Village of Downers Grove – 2024 Water Main Improvements

**Suspension or Debarment Certificate**

Non-Federal entities are prohibited from contracting with or making sub-awards under covered transactions to parties that are suspended or debarred or whose principals are suspended or debarred. Covered transactions include procurement for goods or services equal to or in excess of \$100,000.00. Contractors receiving individual awards for \$100,000.00 or more and all sub-recipients must certify that the organization and its principals are not suspended or debarred.

By submitting this offer and signing this certificate, the Bidder certifies to the best of its knowledge and belief, that the company and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal, state or local governmental entity, department or agency;
2. Have not within a three-year period preceding this Bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction, or convicted of or had a civil judgment against them for a violation of Federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
3. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (2) of this certification; and
4. Have not within a three-year period preceding this application/proposal/contract had one or more public transactions (Federal, State or local) terminated for cause or default.

If the Bidder is unable to certify to any of the statements in this certification, Bidder shall attach an explanation to this certification.

Company Name: H. Linden & Sons Sewer and Water, Inc.

Address: 722 E. SOUTH ST. UNIT D  
PLANO, IL. 60545

City: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone: (030) 552-9955 Fax Number: (030) 522-0955

E-mail Address: admin@hlindensons.com

Authorized Company Signature: [Signature]

Print Signature Name: Steve Linden Title of Official: Sec/Treas

Date: 4/24/24

Village of Downers Grove – 2024 Water Main Improvements

**CAMPAIGN DISCLOSURE CERTIFICATE**

Any contractor, proposer, bidder or vendor who responds by submitting a bid or proposal to the Village of Downers Grove shall be required to submit with its bid submission, an executed Campaign Disclosure Certificate.

The Campaign Disclosure Certificate is required pursuant to the Village of Downers Grove Council Policy on Ethical Standards and is applicable to those campaign contributions made to any member of the Village Council.

Said Campaign Disclosure Certificate requires any individual or entity bidding to disclose campaign contributions, as defined in Section 9-1.4 of the Election Code (10 ILCS 5/9-1.4), made to current members of the Village Council within the five (5) year period preceding the date of the bid or proposal release.

By signing the bid documents, contractor/proposer/bidder/vendor agrees to refrain from making any campaign contributions as defined in Section 9-1.4 of the Election Code (10 ILCS 5/9-1.4) to any Village Council member and any challengers seeking to serve as a member of the Downers Grove Village Council.

Under penalty of perjury, I declare:

Bidder/vendor has not contributed to any elected Village position within the last five (5) years.

Steve  
Signature

Steve Linden  
Print Name

Bidder/vendor has contributed a campaign contribution to a current member of the Village Council within the last five (5) years.

Print the following information:

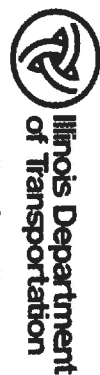
Name of Contributor: \_\_\_\_\_  
(company or individual)

To whom contribution was made: \_\_\_\_\_

Year contribution made: \_\_\_\_\_ Amount: \$ \_\_\_\_\_

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name



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

**Affidavit of Availability  
 For the Letting of  
 4/24/2024**

**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. Do not list any 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.

Contract Number	1	2	3	4	5	6	7	8	9	Accumulated Totals
N. Cross St. WM	Highland Ave. WM	Towne Park/Crystal Creek	Parkrose WM	Braewood L.S. & FM						
Sycamore	Algonquin	Algonquin	Crest Hill	Algonquin						
7/2024	4/2024	4/2024	8/2024	9/2024						
Estimated Completion Date										
Total Contract Price	400,000.00	400,000.00	525,000.00	1,500,000.00	1,000,000.00					2,850,000.00
Prime Contractor	150,000.00	100,000.00	100,000.00	1,500,000.00	1,000,000.00					2,850,000.00
Uncompleted Dollar Value if Firm is the Subcontractor										0.00
<b>Total Value of All Work</b>										<b>2,850,000.00</b>

**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.

Contract Description	1	2	3	4	5	6	7	8	9	Accumulated Totals
Earthwork										0.00
Portland Cement Concrete Paving										0.00
HMA Plant Mix										0.00
HMA Paving										0.00
Clean & Seal Cracks/Joints										0.00
Aggregate Bases & Surfaces										0.00
Highway, R.R. and Waterway Structures										0.00
Drainage	130,000.00	59,000.00	98,500.00	1,500,000.00	1,000,000.00					2,785,500.00
Electrical										0.00
Cover and Seal Coats										0.00
Concrete Construction										0.00
Landscaping										0.00
Fencing										0.00
Guardrail										0.00
Painting										0.00
Signing										0.00
Cold Milling, Planning & Reveniling										0.00
Demolition										0.00
Pavement Markings (Paint)										0.00
Other Construction (List)										0.00
Totals	130,000.00	59,000.00	98,500.00	1,500,000.00	1,000,000.00	0.00	0.00	0.00	0.00	2,785,500.00

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



**Part III. Work Subcontracted to Others**  
 For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	5	6	7
Subcontractor	EBI	TAT	ARC Logistics	TBD	TBD		
Type of Work	Drilling	HMA	Hauling				
Subcontract Price	61,000.00	18,000.00	15,000.00				
Amount Uncompleted	0.00	18,000.00	0.00				
Subcontractor	TAT	Schollmeyer	H & S				
Type of Work	HMA	Landscaping	PCC				
Subcontract Price	20,000.00	20,000.00	16,000.00				
Amount Uncompleted	20,000.00	20,000.00	0.00				
Subcontractor	Boss Hog	H & S	Integrity				
Type of Work	Hauling	PCC	Reg Sub Doer's				
Subcontract Price	25,000.00	9,000.00	9,000.00				
Amount Uncompleted	0.00	0.00	0.00				
Subcontractor		ARC Logistics	Sterling				
Type of Work		Hauling	Mating				
Subcontract Price		15,000.00	34,000.00				
Amount Uncompleted		0.00	0.00				
Subcontractor		Boss Hog					
Type of Work		Hauling					
Subcontract Price		15,000.00					
Amount Uncompleted		0.00					
Subcontractor		EEl	EEl				
Type of Work		Record Drawgs	Record Drawgs				
Subcontract Price		3,000.00	3,500.00				
Amount Uncompleted		3,000.00	3,500.00				
Subcontractor							
Type of Work							
Subcontract Price							
Amount Uncompleted							
Total Uncompleted	20,000.00	41,000.00	3,500.00	0.00	0.00	0.00	0.00


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 subcontracted work. ALL pending low bids not yet awarded or rejected and ALL estimated completion dates

Subscribed and sworn to before me

Notary Public  


Type or Print Name Steve Linden, Secretary/Treasurer  
 Title \_\_\_\_\_

My commission expires: 11/19/2025

Signed: 



Company: H. Linden & Sons Sewer and Water, Inc.  
 Address: 722 E. South St., Unit D  
 Plano, IL 60545

## Village of Downers Grove – 2024 Water Main Improvements

**BID SUBMITTAL CHECKLIST**

Each Bidder's Bid Package must be submitted with all requisite forms properly completed, and all documentation included. The following list is not all-inclusive, but is designed to facilitate a good, competitive bidding environment.

1.  Instructions to Bidders read and understood. Any questions must be asked according to the instructions.
2.  Cover sheet filled-in
3.  Bid Form copies filled-in. All copies must have original signatures and seals on them.
4.  Bid Bond or cashier's check enclosed with bid package.
5.  Schedule of Prices completed. Check your math!
6.  Bidder Certifications signed and sealed.
7.  Letter from Surety ensuring issuance of Performance and Labor Bonds.
8.  Letter from Insurance Agent or Carrier ensuring issuance of required job coverage.
9.  Municipal Reference List completed.
10.  Vendor request form W-9 completed.
11.  Affidavit (IDOT Form BC-57, or similar).
12.  Bid package properly sealed and labeled before delivery. If sending by mail or messenger, enclose in a second outer envelope or container. Project plan sheets do not have to be included with the bid package.