

GENERAL INSTRUCTIONS REGARDING THE SOLICITATION OF CONTRACTED SERVICES

Solicitations are open to all business firms actively engaged in providing the materials, equipment, and services specified and inferred. Active engagement will be verified via references.

Solicitation Process

Documents:

1. The City of Wheaton's website, www.wheaton.il.us/bids/ is the official source for all documents related to this solicitation. The City is not responsible for documents distributed by any other source.
2. It is the responsibility of the Bidder to seek clarification of any requirement that may not be clear. This includes a review of all solicitation documents.
3. All questions concerning this solicitation shall be submitted via e-mail to the attention of the Procurement Officer by the last date for questions as reflected on the cover page of this document. A written response in the form of a public addendum will be published on the City's website, www.wheaton.il.us/bids/.
4. Any interpretation, correction or change of the solicitation documents will be made by published Addendum. Interpretations, corrections and changes to the solicitation documents made in any other manner will not be binding. All addenda will be published on the City's website at <http://www.wheaton.il.us/bids/>. It is up to the Bidder to check this site for the most current addendum.
5. Bidders shall acknowledge the receipt of any addendum.

The Cone of Silence:

6. The Cone of Silence is designed to protect the integrity of the procurement process by shielding it from undue influences.
7. During the period beginning with the issuance of the solicitation document through the execution of the award document, bidders are prohibited from all communications regarding this solicitation with City staff, City consultants, City legal counsel, City agents, or elected officials.
8. Any attempt by a bidder to influence a member or members of the aforementioned may be

grounds to disqualify the bidder from participation in this solicitation.

Exceptions to the Cone of Silence:

9. Written communications directed to the Procurement Officer
10. All communications occurring at pre-bid meetings
11. Oral presentations during finalist interviews, negotiation proceedings, or site visits
12. Oral presentations before publicly noticed committee meetings
13. Contractors already on contract with the City to perform services for the City are allowed discussions necessary for the completion of an existing contract.
14. Procurement of goods or services for Emergency situations

Investigation:

15. It shall be the responsibility of the Bidder to make any and all investigations necessary to become thoroughly informed of what is required and specified in the solicitation.
 - a. If the site of the work is an area restricted from the general public, a pre-bid meeting will be provided for all potential bidders to perform this inspection.
 - b. If the site of the work is an area open to the general public, the potential bidder may perform their inspection at a time of their choosing.
16. Bidder shall inspect in detail the site of the proposed work and familiarize himself with all the local conditions affecting the work and the detailed requirements of delivery, installation, or construction.
17. No plea of ignorance by the bidder of conditions that exist or that may hereafter exist, as a result of failure or omission on the part of the bidder to make the necessary examinations and investigations, will be accepted as a basis for varying the requirements of the City or the compensation to the bidder.

Offers:

18. Exceptions to specifications, requirements, Terms and Conditions must be clearly identified.
19. Offers including goods or equipment must include: Manufacturer's warranties and/or guarantees
20. Offers including service during the warranty/guarantee period must include, in writing, any restrictions and/or associated costs.
21. **QUOTES** are to be submitted via fax or e-mail. Verbal offers will not be accepted.
22. **FORMAL OFFERS** must be on the forms provided and compiled in the order stated Do not use binders, folders, tabs or papers larger than 8.5 x 11.
23. Delivery of an offer is acceptance of the City's requirements. Offers containing terms and conditions contrary to those specified, or taking exception to any of the Special Terms and Conditions, General Terms and Conditions, Specifications, or Addenda as stated by the City may be considered non-responsive.
24. The City shall not accept an offer which is based upon any other offer, contract, or reference to any other document or numbers not included in the solicitation documents.

Order of Precedence:

25. Wherever requirements are in conflict, the order of precedence shall be as follows: City Contract, City Specifications, City Special Terms and Conditions; City General Terms and Conditions.
26. City requirements take precedence over Bidder's offer.

Signatures as Offer:

27. Under the conditions of the Uniform Commercial Code, the signing of the submittal by the bidder constitutes an offer. If accepted by the City, the offer becomes part of the contract.
28. Offers by
 - a. Individuals or sole proprietorships shall be signed by a person with the authority to enter into legal binding contracts. Said individual shall use his usual signature.
 - b. Partnerships shall be signed with partnership name by one of the members of the partnership, or an authorized representative, followed by the signature and title of the person signing.
 - c. By corporations shall be signed with the name of the corporation, followed by the signature and title of person authorized to bind it in the matter.

Withdrawal of Offers:

29. Offers may be withdrawn at any time prior to the scheduled opening or due date. Requests to withdraw an offer shall be in writing, properly signed, and received by the Procurement Officer prior to the due date.
30. Offers may not be withdrawn after the due date without the approval of the Procurement Officer.
31. Negligence in preparing an offer confers no right of withdrawal after opening / due date.

Timeframe and Consequences:

32. Offers must be received before the designated time.
33. Offers received after the designated time will be returned to the sender without review. Offers received late that may be attributed to delays by overnight delivery services, or by delivery services trying to deliver when offices are closed, will be considered late and returned to the sender.
34. Unless otherwise specified in the solicitation, offers shall be binding for ninety (90) calendar days following due date.

Public Openings:

35. Formal offers by sealed envelope will be publicly opened at the time and location stated. The Procurement Officer shall read the name of the bidder, offered price, and note if deviations are stated. At the conclusion of the opening an apparent low bid will be announced. Award will be based on analysis of costs, deviations, city budget, and approval by City Council.
36. Results of Openings will be published on the City's website www.wheaton.il.us/bids/ within three business days.
37. Bidders are encouraged to attend all openings and to offer constructive suggestions for improvements to the solicitation process, to increase competition, and ways in which the City may achieve greater savings and increased transparency.
38. Despite the reading of offers at a public opening, if the offers are thence rejected and thus subject to rebid, the read results will not be published and will be exempt from FOIA requests.

Requirements

Brand Names or Equal:

39. Specifications are prepared to describe the goods and services which the City deems to be in its best

interests to meet its performance requirements. These specifications shall be considered the minimum standards expected of the contractor.

40. If an offer does not indicate deviations or alternatives to the specifications, the City shall assume the offer is fully compliant with all specifications.

41. Specifications are not intended to exclude potential contractors. Any reference in the City's specifications to a brand name, manufacturer, trade name, catalog number or the like is descriptive, not restrictive, indicating materials that are satisfactory.

42. Consideration of other makes and models will be considered, provided the bidder submits a request for pre-approval by the Last Date for Questions stated on the cover page. Bidder should state exactly what he proposes and attach a cut sheet, illustration or other descriptive matter which will clearly indicate the character of the item. A written response in the form of a public addendum will be published on the City's website, www.wheaton.il.us/bids/.

Quantities:

43. All quantities represent an estimate of the quantity of the work to be done and/or materials to be ordered. It is given as a basis for comparison of offers and to determine the awarding of the contract.

44. The City does not expressly or by implication agree that the actual quantities involved will correspond to the published estimate. The bidder accepts that the quantities stated are estimates only and will not hold the City bound to said number.

45. The City reserves the right to modify the estimates, or remove them in their entirety, whichever is in the best interests of the City.

Bid Bonds:

46. The City may require a Bid Bond / Bid Deposit if so stated.

47. Bid Bonds / Bid Deposits are typically ten percent (10%) of the full contract price unless depicted otherwise.

48. If a Bid Deposit (preferred), it shall be submitted with the formal offer and be in the form of a certified check or a bank cashier's check made payable to the City of Wheaton. Checks will be retained by the City until an award is fully executed, at which time the checks will be promptly returned to the unsuccessful Bidders.

a. The Bid Deposit check of the successful Bidder will be retained until the contract has been executed and all required documents, including a Performance Bond if requested, is received.

b. The Bid Deposit check of the successful Bidder shall be forfeited to the City in the event that the Bidder withdraws its offer, or neglects, refuses or is unable to enter into a contract.

49. If Bidder chooses to use a Bid Bond, the Bid Bond must be in compliance with all bond requirements mandated by the State of Illinois.

Deviations to Requirements and Alternate Offers:

50. If the Bidder is unable to meet most of the specifications, but believes their product/work will meet the needs of the city, the Bidder should submit an Alternate Bid and include material specification sheets, performance data, or other documentation justifying consideration.

51. If a Bidder plans to submit multiple offers, each offer must be packaged separately and identified on the outer envelope and on the cover page of the offer in a way that can be differentiated from the other offer(s).

52. The Procurement Officer reserves the right to make the final determination of compliance or whether any deviation or alternate is of an equivalent or better quality and which offer can best meet the needs of the City. Such determination shall be incorporated within Purchasings' recommendation to the City Council.

Environmental Requirements:

53. The City is committed to becoming a sustainable city that conserves its use of resources to optimize efficiency and minimize waste. The City is committed to provide services in an equitable manner for present and future generations.

54. **Recycled Content Products:** It is in the City's interest to purchase products with the highest recycled material content feasible. The City requests that Bidders suggest recycled content products as alternatives.

55. **Recycled Packing Material:** The City desires that all shipping containers/packing material for equipment, materials and supplies delivered to the City contain no less than the specified minimum EPA percentage requirements of post consumer recycled content. Containers and packing material should show the recycled product logo and recycled content percentage information.

56. To help "Turn Wheaton Green", the bidders sustainability policy, as well as green initiatives for this specific solicitation, will be considered in the evaluation of the offer.

Price:

57. The price offered shall remain firm throughout the duration of the agreement.
58. Failure to record all requested breakdown of prices may result in disqualification. Unit price shall be shown for each unit specified. In case of mistake in extended price, unit price shall govern.
59. Price shall represent the entire cost of all requirements stated within the solicitation and contract. No subsequent claim will be recognized for any surcharges, add on costs, increase in material prices, cost indexes, wage scales, fuel surcharges, freight costs, packaging or any other rates affecting the industry or this project.

For Projects Bid as Time and Material:

60. Time, inclusive of but not limited to salaries, benefits, overtime, set-up, break-down, includes all costs associated with labor for this service.
61. Material, inclusive of but not limited to goods, components, equipment, includes all costs associated with all items necessary to complete this service.
 - a. Complete illustrative and technical data, drawings, and/or printed literature for the materials or equipment quoted should be included with the offer.
62. Overhead and Profit shall include all costs not covered under material or labor, such as fixed costs and taxes.

Discounts:

63. Discounts of less than thirty (30) days will not be considered in the evaluation.
64. Discounts for thirty (30) days or more may be considered in the evaluation.
65. Where the net offer is equal to an offer with a discount deducted, the award shall be made to the net offer.
66. Discounts will be figured from the date of receipt of a proper invoice or the approval of the quality of the product received or service completed – whichever is later.

Taxes:

67. Unit prices shall not include any local, state or federal taxes.
68. The City is exempt by law from paying sales tax on goods, equipment, and products permanently incorporated to the project, from State and City Retailer's Occupation Tax, State Service Occupation Tax, State Use Tax and Federal Excise Tax.
69. The City's Sales Tax Exemption Number is E9997-4312-07.

70. The Contractor shall pay sales, consumer, use and other similar taxes.

Evaluation of Offers

Receipt of One (or too few) offers

71. If the City receives one or too few bids, as defined by the City, from a publicly broadcasted solicitation, the City may reschedule the opening to a later date. The offers received will either be:
 - a. returned unopened to the Bidder for re-submittal at the new due date and time, or
 - b. if there are no changes in requirements, and pending agreement with the Bidder, held until the new due date and time
72. If the City does not receive any bids, from a publicly broadcasted solicitation, the City may negotiate with any interested parties.

Determining Responsiveness of the Offer:

73. Responsive bids are inclusive of, but not restricted to: received prior to the due date and time, completed as stated in the solicitation documents, inclusive of all required documents, compliant to all product requirements and specifications, able to meet delivery requirements, accepting of all contract terms and conditions.

Waivers and Rejections of Offers:

74. The City reserves the right to waive any informality, technical requirement, deficiency, or irregularity in the offer. The City may conduct discussion with Bidders to further clarify the offer as may be necessary. Correction of the offer shall be effected by submission within 4 hours (e-mail or fax) of a corrected page with changes documented and signed.
75. The City reserves the right to reject any or all offers for any reason including but not limited to: budgetary constraints, unclear solicitation documents, change in needs, suspicion of collusion, pricing aberrations, front end loading; mathematically unbalanced proposals in which prices for some items are substantially out of proportion to comparable prices, materially unbalanced proposals in which material requirements for some items are substantially higher to comparable proposals; poor quality or poor performance in past City contracts, and other reasons deemed important to the City.
76. The City reserves the right to accept or reject any offer in which the Bidder names a total price for all

the work without breaking down requested material costs, labor costs, and/or overhead and profit.

77. Multiple offers from an individual, firm, partnership, corporation or association under the same or different names are subject to rejection unless specifically permitted in the solicitation. Reasonable grounds for believing that a bidder is interested in more than one offer may result in rejection of all offers in which the bidder is interested. Any or all offers will be rejected if there is any reason for believing that collusion exists.

78. Nothing in this section will preclude a firm acting as a subcontractor to be included as a subcontractor for two or more prime contractors submitting a proposal for work. However a subcontractor may not submit a proposal as a prime contractor, and a prime contractor may not submit a proposal as a subcontractor.

79. **FOIA:** If the City rejects all offers and concurrently provides notice of its intent to reissue the solicitation, the rejected offers remain exempt from FOIA requirements until such time as the City awards or rejects the reissued solicitation.

Determining Responsibleness of the Bidder:

80. The City reserves the right to determine the competence, the financial stability and the operational capacity, of any Bidder.

81. Upon request by the City, Bidders shall furnish evidence for the City to evaluate their resources and ability to provide the goods and services required. Such evidence may include; but not be limited to: tour of facilities, staffing levels, listing of equipment and vehicles, listing of personnel's qualifications, certificates, licenses; listing of committed but not yet completed orders; financial statements; ...

82. Bidder may be required to submit samples of items within a specified timeframe and at no expense to the City. If not destroyed in testing, samples will be returned at the Supplier's request and expense. Samples which are not requested for return within thirty (30) days will become the property of the City.

83. Bidders may be required to effect a demonstration of the item or service being proposed. Such demonstration must be at a site convenient and agreeable to the affected City personnel and at no cost to the City.

84. Bidders may be required to provide references. The City reserves the right to contact said references or other references that may be familiar with the Bidder. The City reserves the right to eliminate a

bidder who has not demonstrated the required years of service within the required specialty.

85. Bidders may be required to provide their internal policy on sustainability.

86. The City reserves the right to determine if such information might hinder, influence the quality of the work specified, or prevent the prompt completion of additional work such as future maintenance and service.

Confidential Information

87. Bidders may be required to provide evidence of financial viability. This may be a Dunn and Bradstreet Report, a financial statement prepared by a licensed Certified Public Accountant showing the Bidder's financial condition at the end of the past fiscal year, an annual report.

88. Bidders may be required to provide other information which they consider proprietary and confidential, and if made known to the public, may affect their ability to compete in the marketplace. Said information will be subject to Illinois State FOIA requirements including the following exemptions:

- a. (5 ILCS 140/7) (From Ch. 116, par. 207) Sec. 7.
- b. Exemptions. (1) The following shall be exempt from inspection and copying: (g) Trade secrets and commercial or financial information obtained from a person or business where the trade secrets or commercial or financial information are furnished under a claim that they are proprietary, privileged or confidential, and that disclosure of the trade secrets or commercial or financial information would cause competitive harm to the person or business and only insofar as the claim directly applies to the records requested.

89. Bidders considering requests to be proprietary and confidential should submit an additional redacted offer. Failure to do so may result in information becoming available to the public.

Selection Process:

90. The City endeavors to select the offer meeting the best interests of the City as stated by its City Council based on the totality of lawful considerations.

91. The City's determination of best overall value may include consideration of the City's internal cost structure for meeting requirements, such as the city's inventory carrying costs, ordering lead times, equipment maintenance costs, standardization, available project management resources, and items

typically identified with and relating to a "Life Cycle Cost Analysis".

92. The City will consider the following non-exclusive list in determining award: soft costs of contract management; total cost of ownership factors such as transition costs, training costs, additional requirements such as spare parts and special tooling.

93. The City will contact references to verify bidder's ability and skill to perform the work required based on: past work of similar nature, quality of work, proactive nature of work crew, adherence to the project's production schedule and proposed price constraints, and references' experience if the contractor has character, integrity, and a reputation for good judgment.

94. If the city's evaluation yields a concern with the potentially recommended bidder's ability, the City reserves the right to require a Performance Bond at no additional cost to the city.

95. Should identical low, responsive and responsible bids be received from two or more Bidders, the City shall exercise one of the following tie breaking methods:

a. Tie Bid (two suppliers): The Procurement Officer, with a witness present, may flip a coin with heads representing the Offeror whose name appears first in alphabetical order. If the toss is heads, said Offeror will receive the recommendation to award.

b. Tie Bid (three or more suppliers): The Procurement Officer, with a witness and each vendor present, shall shuffle a new deck of playing cards and have each Offeror cut the cards. The Offeror who cuts the highest card (with Ace high) shall be recommended for award.

Award:

96. Except as otherwise stated, bidders will be awarded within ninety (90) days from the opening date.

97. Award is based on the lowest responsive responsible offer; offering the lowest life-cycle cost; providing the best overall value to the City; and deemed most advantageous to the City, price and other factors considered.

98. When there is a Base Bid and Alternates, the low bidder shall be the lowest responsible and responsive bid submitted for the Base Bid and Alternate A. If all Bids and Alternate A exceed the project budget, the city reserves the right to award to

the bidder presenting the best alternatives for the city.

99. When there is a Base Bid and Options, the low bidder shall be the lowest responsible and responsive bid submitted for the best combinations for the city.

100. The City reserves the right to award by item, part or portion of an item, group of items, in the aggregate, or to reject any and all offers in whole or in part according to the best interests of the City.

a. Bidder may restrict their offer to consideration in the aggregate by so stating on the proposal form, but must name a unit price on each item.

101. The successful Bidder may be required to enter into a contract with the City of Wheaton covering all matters set forth in the solicitation document, and addenda.

Requirements if Awarded the Work:

Registration

102. The successful supplier, prior to the execution of the order, or no later than 10 days after receipt of the award document, must be registered to do business in the City of Wheaton and the State of Illinois.

Insurance:

103. The successful Bidder, if awarded by contract, will be required to carry insurance acceptable to the City. (*reference Contract Addendum 1*).

104. Certificates of Insurance, Endorsements, and a Waiver of Subjugation must be submitted with the execution of the contract.

105. The Bidders obligation to purchase stated insurance cannot be waived by the city's action or inaction.

Bonds:

106. The successful bidder, if awarded by contract, may be required to provide a bond/bonds. Said bonds must be through a bonding company listed on the Department of the Treasury's Listing of Certified Companies

http://www.fms.treas.gov/c570/c570_a-z.html.

107. Surety must be in compliance with any bond requirements mandated by the State of Illinois.

Security Clearance:

108. Background checks inclusive of finger printing MAY be required for contractors servicing secured areas. Contractors will submit a list of employees'

names to the Project Manager who will coordinate the background checks with the police department. Said list should include staff to cover absences or reassignment.

109. Anyone with a background history showing a conviction for a felony; theft history of any kind, sex offense history, or any crime involving moral turpitude, illegal drug or narcotics use, sale or possession, or anyone showing a felony charge pending, or who has any outstanding warrants of any type, including misdemeanor traffic or felony warrants, may be subject to arrest, and will not be allowed to work under this contract.

110. The contractor shall be responsible for all personnel engaged in the work. Contractor must ensure that: said personnel have been completely and satisfactorily cleared by the City of Wheaton for work within secure areas; a sufficient amount of backup or relief personnel to cover absenteeism or replacement have been completely and satisfactorily cleared or work; equipment and personnel do not enter facilities except as required during the progress of the work.

111. The City reserves the right to request removal of any contractor's employee upon submitting proper justification should such action be considered necessary to the best interests of the City. Contractor is permitted to add/replace personnel with approved backup personnel, or reassign personnel already cleared by the City for work within secure areas. The City must be provided written notice prior to time of replacement.

Audit:

112. The successful Bidder may be audited by the City or an agent of the City. Audits may be at the request of federal or state regulatory agencies, other governmental agencies, courts of law, consultants hired by the City or other parties which in the City's opinion requires information. Data, information and documentation will include, but not be limited to, original estimate files, change order estimate files, detailed worksheets, subcontractor proposals, supplier quotes and rebates, and all project related correspondence, and subcontractor and supplier change order files.

Protests:

113. Any Bidder who claims to be aggrieved in connection with a solicitation, the selection process, a pending award, or other reasonable issue may initiate a protest.

a. Protests involving the solicitation process or stated requirements must be presented in writing via e-mail to the Procurement Officer no later than the last date for questions as reflected on the cover page of this document.

b. Protests involving the evaluation of offers, staff recommendations, or the award process must be submitted in writing to the Procurement Officer no later than three business days after bid results are publicly posted.

114. Protests must include: the name and address of the protestor; appropriate identification of the solicitation; if an award has been initiated, the award document number (if available), identification of the procedure that is alleged to have been violated; precise statement(s) of the relevant facts; identification of the issue to be resolved; protestor's argument and supporting documentation (Exhibits, evidence, or documents to substantiate any claims).

115. A person filing a notice of protest will be required, at the time the notice of protest is filed, to post a bond in the form of a cashier's check in an amount equal to twenty-five percent of the City's estimate of the total volume of the award, or \$1,000, whichever is less.

a. If the decision of the Protest does not uphold the action taken by the City, then the City shall return the amount, without deduction, to the Bidder filing the protest.

b. If the decision of the Protest upholds the action taken by the City, then the City shall retain the amount of the cashier's check in payment for a portion of the cost and expense for time spent by City staff in responding to the protest and in conducting the evaluation of the protest.

116. Upon receipt of the notice of protest, the Procurement Officer shall stop the award process.

a. The Procurement Officer will rule on the protest in writing within two business days from receipt of protest.

b. Appeals of the Procurement Officer's decision must be made in writing within two business days after receipt thereof and submitted to the City Manager for final resolution. Appellant shall have the opportunity to be heard and an opportunity to present evidence in support of the appeal.

c. The City Manager's decision is final.

Other Entity Use:

117. Although this solicitation is specific to the City of Wheaton, Offerors have the option of allowing this

offer, if awarded by the City to the Offeror, to be available to other local entities and agencies within the DuPage-Kane-Cook-Will and Kendall Counties. If the successful Offeror and the interested entity/agency mutually agree on the Terms and Conditions, inclusive of pricing, both parties may perform business under the authority of this solicitation and contract.

118. It is understood that at no time will any city or municipality or other agency be obligated for placing an order for any other city, municipality or agency; nor will any city or municipality or agency be obligated for any bills incurred by any other city or municipality or agency. Further, it is understood that each agency will issue its own purchase order to the awarded Supplier.

END OF GENERAL INSTRUCTIONS REGARDING THE SOLICITATION OF CONTRACTED SERVICES

GENERAL TERMS AND CONDITIONS FOR CONTRACTORS

Contract Administration:

1. A "Work May Proceed" order will be issued by Procurement upon confirmation of a properly executed contract.
2. Once the "Work May Proceed" order is issued, the contractor's primary contact with the city will become the Project Manager.
3. The Project Manager's primary responsibility is to assure the city receives the contracted services in accordance to the terms and conditions and specifications of the contract. The Project Manager will, but is not limited to: oversee the entire project from kick-off activities through close out and payment of final invoice; monitor equipment, materials and project progress; address any quality issues and change orders; verify schedule of Values, output, schedule status; conduct random inspections.
4. The contractor will provide name and contact information of key contact to the Project Manager for use during time of emergency or at any hour city staff sees fit to do so.
 - a. If security clearance is required for this work, it will be pursued at this time.

Communications Plan

5. The Contractor shall designate an individual who must be present, at all times, on the site and who will serve as the Contractor's authorized representative throughout the completion of the Work and who shall be readily available to respond to communications. This individual must be a competent, English-speaking individual who is capable of reading and understanding the Contract Documents. This representative shall be subject to receive instructions and have full authority to execute the directions, without delay, and promptly supply any necessary labor, equipment, material or incidentals to do so. If any person employed shall refuse or neglect to obey the directions of the Project Manager, in anything relating to the Work, or shall appear to be incompetent, disorderly, or unfaithful, he/she shall, upon request of the City, be at once discharged and shall not be employed again on any part of the Work.
6. The Contractor shall provide the name and phone number of the Contractor's representative who, in the case of an off-hours emergency can be readily accessible and be available for quick response to the site. If that person does not respond within the period of time requested all reasonable costs, including the payment of overtime wages or charges, shall be deducted from payments due the Contractor. Contractor shall immediately notify the Project Manager in writing of any change in the identity and telephone number of the Contractor's representative.
7. The contractor is required to provide the City's project manager with written/e-mailed bulletins addressing the status of the project throughout the life of the contract.
8. The bulletins shall cover all work performed and completed and shall confirm the schedule of the work yet to be performed. It shall also state any assumptions and/or exclusions.
9. The bulletin shall identify problems encountered, or still outstanding, with an explanation of the cause and resolution of the problem or how the problem will be resolved.
10. The contractor will be responsible for conducting status meetings with the project manager as scheduled. The meetings can be in person or over the phone, at the discretion of the city.

Documents:

11. Contractor is to maintain at the job site a complete and current set of drawings, plans and contract documents; bulletins, supplemental instructions, proposals, change orders, subcontractor's proposals, suppliers invoices, all written requests and responses to each required change...
12. All documents must accurately reflect the current status of all pertinent data including changes in the line item quantities and contract sum attributed to change orders.
13. All documents are to be available to the Project Manager.
14. All documents are to be available for auditing purposes, FOIA, and other reasons necessitated by the city.

Material and Equipment:

15. If the offer identifies an item by manufacturer's name, trade name, catalog number, or reference, the contractor shall furnish the item so identified and shall not propose to furnish an "equal".
16. If the identified item is no longer available, the City must approve any proposed "equal" prior to order placement. The City will not incur any additional costs for the "equal".
17. All components used in the manufacture or construction of materials, supplies and equipment, and all finished materials, shall be new, the latest make/model, of the best quality, and the highest grade workmanship.
18. Contractor must provide documentation that any and all Hazardous Material created during the performance of the project work has been disposed of or recycled in compliance with all Illinois Administrative Code Title 35, Part 733 "Standards for Universal Waste Management", and other applicable State, Federal and local regulations.
19. All material or equipment furnished shall meet the minimum requirements of Occupational Safety & Health Standard (OSHA) published in the Federal Register, U L or other nationally recognized certifying body.

Substitutions:

20. No substitutions will be considered after Notice of Award except under one or more of the following conditions:
 - a. Substitution required for compliance with final interpretations of code requirement or insurance regulations
 - b. Unavailability of specified products, through no fault of the contractor.
 - c. Subsequent information discloses inability of specified product to perform properly or to fit in designated space.
 - d. Manufacturer /fabricator refusal to certify or guarantee performance of specified product as specified.
 - e. When a substitution would be substantially to owner's best interest.
21. Substitutions will not be considered when items are indicated or implied on shop drawings or product data submittals without formal request.

Requests for Substitution:

22. Submit request for substitution to the attention of the Project Manager. Include documentation confirming compliance of proposed substitution with contract documents
 - a. For products include: Product description and identification, manufacturer's name and address, manufacturer's literature, performance and test data, reference standards, samples, name and address of similar projects on which product was used and dates of installation
 - b. For construction methods include: detailed description of proposed method, drawings illustrating methods, itemized comparison of proposed substitution with product or method specified, statement regarding the affect of the substitution to the construction schedule
23. Identify: changes or coordination required, other contracts affected, accurate cost data on proposed substitution in comparison with product or method specified.
24. Contractor attests that he has personally investigated proposed product or method and determined that it is equal or superior in all respects to that specified; that he will provide the same guarantee for substitution as for product or method specified; that he will coordinate installation of accepted substitutions into the work, making all changes for work to be complete in all respects.
25. Cost data must include all related costs under contract but excludes owner's redesign, administrative costs of owner, costs under separate contracts.
26. Contractor will pay all additional costs and expenses for owner and other contractors.
 - a. Acceptance of substitution will require substantial revision of plans, drawings and contract documents for all related projects.

Delivery and Storage:

27. Deliveries of documents, materials, equipment etc. are between the hours of 8:30 A.M. and 3:00 P.M. Monday through Friday, excluding holidays, unless otherwise stipulated.

28. Failure to deliver within a reasonable lead-time as determined by the city, shall constitute authority for the Procurement Officer to purchase in the open market items of comparable grade to replace the items not delivered.
29. Contractor is to accept material and equipment delivered to the job site and is responsible to store all items in accordance with the manufacturer's written instructions, handling, and protection from weather, damage and theft for the duration of the contract. Contractor shall be responsible for losses.
30. Material delivered shall remain the property of the Contractor until:
 - a. A physical inspection and actual usage of the material is made and found to be acceptable to the City; and
 - b. Material is determined to be in full compliance with the solicitation documents and executed contract.
 - c. Where circumstances or conditions exist preventing effective inspection of the goods at the time of delivery, the City of Wheaton reserves the right to inspect the goods within a reasonable time subsequent to delivery.
31. Contractor assumes full responsibility for protection and safekeeping of the contractor's own materials and equipment stored on premises, and move, if necessary, all stored products which interfere with operations of the city.
32. Unless otherwise specified, packaged material shall remain in original containers with labels intact and seals unbroken.
33. The contractor shall submit a **Material Safety Data Sheet (MSDS)** prior to or at the time of delivery for any/all toxic substances per Public Act 83-240, OSHA standards or any other applicable law.

Nonconforming Materials:

34. In the event the delivered material is not in compliance to the specification documents and executed contract, the City will reject the material.
35. Contractor shall remove rejected materials at his expense promptly after notification of rejection.
36. Contractor shall provide replacement of rejected articles immediately. If replacement is not timely, as determined by the city, the Procurement Officer will purchase in the open market items of comparable grade to replace the items not replaced and the Contractor shall reimburse the City for any expense incurred in excess of contract prices. Such purchases shall be deducted from contract quantities.
37. The city reserves the right to either: cancel the order; request contractor to issue credit to the city; or deduct such amount from monies owed.
38. Should public necessity demand it, the City reserves the right to use or consume items delivered which are substandard in quality, subject to an adjustment in price to be determined by the Procurement Officer.

Warranty | Guarantee Period:

39. The Contractor warrants that all goods furnished hereunder will conform in all respects to the terms of this order, including any drawings, specifications, or standards incorporated herein, and/or defects in goods are free from defects in design. Contractor also warrants the goods are suitable for and will perform in accordance with the purposes for which they were intended.
40. The Contractor agrees that the supplies or services furnished under this contract shall be covered by the most favorable commercial warranties the Contractor gives to any customer for such supplies or services and that the rights and remedies provided herein are in addition to and do not limit any rights afforded to the City by any other clause of this contract or by law.
41. Unless otherwise specified, the contractor shall unconditionally guarantee the materials and workmanship on all equipment furnished by him for a period of one year (Guarantee Period) from date of installation close out.
42. If within the Guarantee Period any defects or signs of deterioration are noted which, in the opinion of the City, are due to faulty design and installation, workmanship, or materials, the City shall notify the contractor. At the contractor's expense, the Contractor shall repair or adjust the equipment or parts to correct the condition, or replace the part or equipment to the complete satisfaction of the city.
 - a. Replacement parts of defective components shall be supplied at no cost to the City. Shipping costs for defective parts required to be returned to the contractor shall be paid by the contractor.

Manufacturer's Requirements:

43. All work must be performed according to manufacturer's stated recommendations.
44. If manufacturer's stated recommendations conflict with specifications, issues should be addressed in writing to the Project Manager prior to proceeding with any work.
45. If manufacturer's stated recommendations include required services not listed within the specifications, said services must be considered as inherent to the city's specifications and offers should include said services.
46. All work is to be performed consistent to industrial performance standards.

Permits and Licenses:

47. The successful contractor shall be responsible for obtaining, at their own expense, all permits and licenses which may be required to complete the contract.
48. Contractor represents that it, its employees, agents and subcontractors shall hold all required licenses, permits, qualifications and certificates, and have duly registered and otherwise complied in all respects with all applicable federal, state and local laws, regulations and ordinances applicable to the performance of this contract.

Contractor Use of Premises

49. Confine operations at site to areas permitted by all laws, ordinances, and permits, as well as the contract documents.
50. The contractor shall control operations to avoid interference with normal traffic flow on and around the site; when necessary provide barriers, warning lights, and signs as required to protect workmen and the public.
51. Limit use of premises for work, storage of material and equipment, and parking of worker's automobiles.
52. Conduct operations in a manner that avoids interference with use of the building and building operations and which protects persons and property.
53. If utility shut-down is required, provide Project Manager two (2) days advanced warning and estimation of duration of required utility shutdown.

Utility Location

54. The contractor must exercise extreme caution while working around existing utilities. The contractor shall notify J.U.L.I.E., utility companies, and the Project Manager before commencing construction work around utility locations within the scope of the project.

Contractor Identification

55. For security purposes, all contracted service providers must be clearly identified with company photo id and company apparel.
56. Upon Project Manager's approval, contractors requiring unrestricted mobility within designated facilities will require a City of Wheaton Contractor photo id.
57. Contractor's advertising decals, stickers or other signs shall not be affixed to equipment or visible to the public.

Manuals and Documents

58. The contractor shall submit to the owner such operating and maintenance manual and repair part lists as required by the nature of the work.

Cleaning:

59. Contractor shall maintain premises and public properties free from accumulation of waste, debris, and rubbish caused by construction operations. Cleaning and disposal operations must comply with Federal, State and local ordinances and anti-pollution laws.
60. Provide on-site metal containers for collection of waste materials, debris and rubbish.
61. At completion of work: sweep paved areas broom clean; remove waste materials, rubbish, tools, equipment, machinery and surplus materials; clean all sight-exposed surfaces and leave project area clean and ready for use; clean the project site, yard, grounds and landscaped areas; remove petro- chemical spills, stains and other foreign deposits; clean plumbing fixtures to a sanitary condition, free of stains
62. Touch-up and otherwise repair and restore marred exposed finishes and surfaces.

Safety and Health

63. All Occupational Safety and Health Administration (OSHA) standards apply.
64. Store volatile wastes in covered metal containers and remove from premises daily.
65. Provide adequate ventilation during use of volatile or noxious substances.

Change Order Procedure

66. The city reserves the right to make changes in the plans and specifications by altering, adding to, or deducting from the work, without invalidating the contract. All such changes shall be executed under the conditions of the original contract, except that any claim for extension of time caused thereby shall be adjusted at the time of ordering such change.

Bulletins

67. From time to time during progress of the work, the city may issue a bulletin which interprets the contract documents or order minor changes in the work without change in contract sum or contract time.
 - a. Issuance of a bulletin is not to be considered a change order authorizing additional work or affecting project time table. Such changes require a proposal, review, and if approved, a change order.
68. Should the contractor consider that a change in the specified work, the contract sum or contract time is required; he shall initiate a change order and submit to the Project Manager for documented approval before proceeding with the work.

Change Orders

69. Issuance of a statement, or verbal approval, is not to be considered a Change Order and is not authorization to proceed.
70. Change orders will be numbered in sequence and dated.
71. Approved Change Orders are required with any/all changes in, the specified work, the contract sum, the time for completion, or any combination thereof.
72. Change orders will describe the change or changes, will refer to the bulletin(s) and proposal(s) involved, and will be signed by the city and the contractor prior to implementing the change.
73. All Change Orders shall clearly identify the impact of cost and the affect on time required to perform the work associated with the proposal.
 - a. If the proposal is found to be satisfactory and in proper order, and both parties agree upon cost or credit for the change, the city will authorize the documented Change Order which will be confirmed via contract amendment.
 - b. Additional requests for additional costs and/or extensions of time for previously proposed and accepted items will NOT be granted after initial acceptance.
74. The contractor will take measures to ensure contractors and sub-contractor's staff is familiar with the procedures for processing change orders.

Payment:

75. Authorization of payment requires receipt of contractors invoice, acceptance of product/services and receipt of other required paperwork such as: certificate of origin, MSDS, Waivers and Liens, Certified Payroll (if applicable).
76. Retainage in the amount of ten percent (10%) of a payment request will be deducted from the amount determined for the first fifty percent (50%) of the project for major projects. Retainage will be held until
 - a. All defective work has been remedied.
 - b. All work is 100% final and the City's project manager has formally accepted the work.
 - c. All waivers, liens, certified payrolls, warranty documents and other required documentation are provided.
 - d. Or, if the work is fifty percent (50%) completed, satisfactory and on schedule, upon the discretion of the Project Manager. In such a case, the city will continue to retain no less than five percent (5%) of the total adjusted contract price.
 - e. Retainage will not apply to payments for Bonds and Mobilization.
77. Payment will be:
 - a. made to the company awarded this order. Under no circumstances will a third party be reimbursed.
 - b. Via the City's Purchasing Card Program, MasterCard, in which payment will occur at time of product or service delivery (preferred); or
 - c. Via supplier generated invoice.
78. The City complies with the Illinois Local Government Prompt Payment Act which states that any bill approved for payment shall be paid within 30 days after date of approval.
 - a. Invoices must be submitted to the city within six months of order completion. Any invoices submitted in excess of six months from order completion will not be paid.

Contractor Service Issues:

79. Recourse for non-compliant construction services shall be managed, in any order, via (a) Punch List, (b) Retainage and/or (c) Performance Bonds.

Liquidated Damages:

80. Delivery delays beyond the contract delivery date will result in added expense to the city. The city shall be paid damages for such delay. Inasmuch as the amount of damage is extremely difficult to ascertain, the contractor agrees to compensate the city in the amount specified in the document entitled Special Terms and Conditions for Contracted Services in the section entitled Liquidated Damages.
81. This amount shall be fixed as liquidated damages that the City will suffer by reason of such delay, and not as a penalty.
82. The City shall have the right to deduct and retain the amount of such liquidated damages from any monies due the contractor.
83. The contractor shall be entitled to a reasonable extension of time for unavoidable delay in delivery due to causes not reasonably foreseeable by the parties at the time of the contract execution, and that are entirely beyond the control and without the fault or negligence of the contractor, including, but not limited to, acts of god or the public enemy, war or other national emergency making delivery temporarily impossible or illegal, acts or omissions of other suppliers, strikes and labor disputes not brought on by any act or omission of the supplier, fire, flood, epidemics, quarantines, or freight embargoes.

Process to Terminate

84. The service provider shall not be reimbursed until services are compliant.
85. If services continue to remain non-compliant, Procurement will prepare a formal Letter of Warning addressing the contractor's Failure to Comply. Contract language states "The City may terminate this Agreement upon seven (7) days written notice to the Contractor."
86. If contractor fails to achieve required results within stated timeframe, Procurement will terminate contract.
87. The City shall have the right to terminate this Agreement, without cause, upon twenty-one (21) days written notice to the Contractor. The Contractor shall be paid for all work performed in conformance with the Agreement through the effective date of the not for cause termination.

END OF GENERAL TERMS AND CONDITIONS FOR CONTRACTORS

SPECIAL TERMS AND CONDITIONS FOR CONTRACTED SERVICE SEWER MAIN REHABILITATION PROJECT 2016

Introduction:

1. This Specification covers all work necessary to furnish and install cured-in-place pipe (CIPP) within the City of Wheaton's sewer collection systems. The Contractor shall provide all materials, labor, equipment, and services necessary for traffic control, cleaning, and television inspection of sewers to be lined, bypass pumping and/or diversion of sewage flows, CIPP installation (including installation from easements), reconnection of service connections, final television inspection of the lined sewer mains, warranty work, and all other materials, equipment, and procedures necessary to complete the work specified herein.

Background

2. The City performs sanitary and storm sewer main rehabilitation annually to ensure reliable collection systems.

Objectives:

3. To restore the structural integrity of various sanitary and storm sewer mains within the City of Wheaton without excavation.
4. To maintain the existing pipe flow capacity after installation of CIPP liner.
5. To minimize public disruption during sewer main rehabilitation.

Scope:

6. This project includes installation of CIPP within various existing sanitary and storm sewer mains and all related and ancillary work.
7. Sanitary sewer pipes require installation of Hydrophilic End Seal Sleeve, as manufactured by LMK Technologies or approved equivalent, at manhole walls of each sewer segment.
8. Site 10 requires reinstatement of a drop pipe on a previously installed cured-in-place pipe liner only.
9. Any point repairs required to install CIPP liner will be performed by the City.

Location

10. Maps are included that indicate the areas where the sewer main rehabilitation will be performed.
 - 10.1. Reference Exhibit A – 2016 Sewer Main Rehabilitation Project maps.
 - 10.1.1. An interactive map is also available at <http://arcg.is/2ba1IKH>.
 - 10.2. If necessary, City staff will assist in locating manholes.

Quantities

11. The City reserves the right to delete any quantities or sewer segments with no penalty to be paid to Contractor. The Project Manager will notify the Contractor of all deletions at least 2 weeks prior to the date of anticipated inspection of pipelines as provided by the schedule.
12. The following table provides a summary of total sewer main lengths to be lined broken down by sewer type and diameter.

Estimated Sewer Main Rehabilitation Quantities	
Pipe Dia (in)	Total Length (ft)
Sanitary Sewer Quantities	
8	1380
10	160
12	1360
Storm Sewer Quantities	
8	340
10	2550
12	1250
15	291

12.1. The total estimated linear feet to receive a CIPP liner is approximately 7300 feet.

12.2. The following table provides a summary of estimated values for sewer section lengths, pipe sizes, service lateral connections, and protruding taps. The Contractor shall field verify these quantities as well as diameters, depths, and pipe materials.

Estimated Sewer Main Rehabilitation Quantities						
Sewer Type	US MH	DS MH	Pipe Dia (in)	Length (ft)	Service Lateral Reinstatements	Protruding Tap Removals
Sanitary	5D45	5D44	8	214	0	0
Sanitary	5D44	5D177	8	149	2	0
Sanitary	5D177	5D27	8	44	0	0
Sanitary	5D27	5D176	8	150	0	0
Sanitary	5D176	5D26	8	146	2	0
Sanitary	5D26	5D25	8	136	1	0
Sanitary	5D25	5D24	8	99	2	0
Sanitary	5D24	5D23	8	103	2	0
Sanitary	5D23	5D22	8	333	6	0
Sanitary	5D21	5D7	10	153	3	0
Sanitary	6C21	6C20	12	342	14	1
Sanitary	6C20	6C2	12	341	10	0
Sanitary	6C2	6C1	12	352	10	1
Sanitary	6C1	6B30	12	321	11	0
Storm	SR5551	SR5548	8	151	0	0
Storm	SR5548	SR5544	8	185	0	0
Storm	PH31150	PH31147	10	244	5	0
Storm	PH31147	PH31146	10	500	15	1
Storm	PH31146	PH31142	10	400	9	2
Storm	SR5016	SR5015	12	220	0	0
Storm	SR5015	SR5011	12	296	1	0
Storm	WM2048	WM2009	15	291	2	1
Storm	PH3973	PH3972	10	320	11	0
Storm	PH3972	PH3971	10	301	10	0
Storm	PH3971	PH3970	12	326	3	0
Storm	PH3970	PH3967	12	304	9	0
Storm	PH3967	PH3956	12	53	0	0
Storm	PH3964	PH3961	10	64	1	0
Storm	PH3961	PH3958	10	301	8	0
Storm	PH3958	PH3956	10	131	3	0
Storm	WH3015	WH3014	10	152	0	0
Storm	WH3014	WH3001	10	130	0	0
Storm	Inlet	SL8106	12	50	0	0

12.3. The sewer main lengths are from center of one manhole to the center of the next manhole.

13. TV Reports are included for all sewer main segments where rehabilitation will be performed.

13.1. Reference Exhibit B – 2016 Sewer Main Rehabilitation Project TV Reports.

Timeframe:

14. Completion Date: April 28, 2017

14.1. Completion is defined as all CIPP liners installed and all deliverables received.

15. The project is not anticipated to take as long as this time span allows, but instead allowing for schedule flexibility.

Liquidated Damages:

- 16.** The city retains the right to demand liquidated damages if deadlines are not met.
- 17.** For this contract, the contractor agrees to compensate the city in the amount of \$500.00 per calendar day beyond the delivery date specified.
- 18.** Any extensions agreed to by executed Change Orders will be considered in the application of Liquidated Damages.

Roles and Responsibilities:

What resources are provided by the city?

- 19.** Staging Area: The City will provide a staging area at the pre-construction meeting for the Contractor's use during the project. The City shall reserve the right to charge the Contractor a fee for unscheduled access that requires overtime callout of City Staff.
- 20.** Water Usage: Water usage for the project shall comply with the City of Wheaton Engineering Department Special Provision for Use of Fire Hydrants. ([Attached Special Provision for Use of Fire Hydrants](#))

What resources are needed from the contractor?

- 21.** Bidder's competence: To be considered for the award of this project, the bidder must meet the following requirements:
 - 21.1.** Have successfully installed at least 150,000 feet of comparable diameter CIPP in sewer collection systems.
 - 21.2.** Have successfully reinstated at least 2,000 service lateral connections.
 - 21.3.** Have at least three (3) years of continuous experience installing CIPP liners in pipe of similar size, length and configuration as contained in these specifications.
 - 21.4.** All essential crew personnel must have a minimum of three (3) years of total experience with the CIPP technology proposed for this project.
 - 21.5.** The installer must be certified by the product manufacturer.
 - 21.6.** Use NASSCO certified CCTV operators.

Will a third party be involved?

- 22.** No

Communications Plan

- 23.** The Contractor shall attend a pre-construction meeting with the City prior to commencement of any work.
- 24.** The successful bidder must submit the following for approval at, or before, the pre-construction meeting:
 - 24.1.** Design calculations for each liner to be installed.
 - 24.1.1.** It will be acceptable for the Contractor to submit a design for the most severe line condition and apply that design to all existing pipes of the same diameter. Worksheet shall include assumptions, finished CIPP wall thickness and finished inside diameter of CIPP.
 - 24.2.** All applicable Material Safety Data Sheets
 - 24.3.** Public relations materials
 - 24.4.** Project schedule, including anticipated completion date
 - 24.5.** List of all essential project personnel with job title and experience listed
 - 24.6.** Company Safety manual
- 25.** The following submittals will be required during or upon completion of the project:
 - 25.1.** Pre-lining video in digital format, labeled by Upstream Manhole – Downstream Manhole.
 - 25.2.** Post-lining video in digital format, labeled by Upstream Manhole – Downstream Manhole.

Work Hours:

26. Work Hours: Monday - Friday 7:00-7:00pm (excluding City holidays) or with the approval of the Project Manager.
 - 26.1. Certain sewer main segments may require completion at night when businesses or schools are not in operation.
27. The contractor shall notify the Project Manager at least 48 hours prior to initial start of operations, and prior to any temporary cessation and resumption of operations.

Prevailing Wage:

28. Illinois Prevailing Wage Act 820 ILCS does apply
 - 28.1. Certified Payroll is required with each invoice.
29. Waivers of Lien
 - 29.1. The first Application for Payment shall be accompanied by the General Contractor's partial waiver of lien, called Waiver of Lien to Date, for the full amount of payment due.
 - 29.2. Each subsequent Application for Payment shall be accompanied by the General Contractor's Waiver of Lien to Date, plus the partial waivers of lien of Labor, Subcontractors and Material Suppliers who were included in the immediately preceding Application for Payment to the extent of that payment.
 - 29.3. The final Application for Payment must be accompanied by the Final Waiver of Lien for the full amount of the Contract from the General Contractor, Labor, Subcontractors, and Material Suppliers, including those who have not previously furnished such final waivers.

Bonds:

30. A **Bid Bond / Bid Deposit** is not required.
31. A **Performance Bond** of one hundred ten percent (110%) of the full contract price is required for the faithful fulfillment of the contract; for the protection of the City from all liens and damages arising out of the work.
32. **Bond Certificates** must be submitted with the signed contract, i.e. no later than 10 days after receipt of the award document.

Insurance Requirements:

33. Reference Contract Addendum 1

Cost Structure:

34. All items of work not specifically mentioned herein which are required to deliver the final product as specified herein shall be included in the respective unit prices bid.
35. Quantities indicated in the Bid Proposal Worksheets are estimated quantities. Every effort has been made to provide accurate information; however, field conditions may differ from information provided in these specifications. Payment shall be based on actual quantities provided in the execution of the work, as per the units defined in the Bid Proposal Worksheet. In the event that the pipe diameter sizes vary from that indicated herein, payment shall be calculated using unit pricing for the appropriate pipe diameter indicated on the Bid Proposal Worksheet.
36. **Payment: Install CIPP Liner:** Sewer Lining work shall be measured for payment from center of manhole to center of manhole for each sewer section lined. The cost for all labor, materials, and equipment required to furnish and install the finished liner, including traffic control, all preparatory cleaning and televising of sewers, root cutting as required, manhole cleaning as required, identification of existing live taps, removal and disposal of debris, manufacture, impregnation, and transport of the flexible liner, installation of the liner, installation of liner from easements, hydrophilic gasket sealing at the sanitary sewer manhole walls, bypass pumping, installations from easements, CIPP sampling, post insertion televising and restoration of

disturbed areas shall be included in contract unit price bid per FOOT for INSTALL CIPP LINER of each diameter and sewer type specified.

37. **Payment: Reinstate Active Service Lateral Connection:** Reinstatement of active service laterals shall be measured for payment by count of laterals reinstated. The cost for reinstatement of active laterals by remote cutter and post-cutting internal inspection by a 360-degree rotating camera shall be paid for at the contract unit price bid per EACH for REINSTATE ACTIVE SERVICE LATERAL CONNECTION
38. **Payment: Protruding Tap Removal:** Cutting of protruding taps of service laterals from the sewer main shall be measured for payment by count of taps cut. The cost for removing protruding taps from the sewer main prior to lining shall be paid for at the contract unit price per EACH for PROTRUDING TAP REMOVAL.
39. **Payment: Site 10 Drop Pipe Reinstatement:** Reinstatement of drop pipe at Site 10 on a previously installed cured-in-place pipe liner shall be measured for payment by count of reinstatements completed. The cost to reinstate drop pipe by remote cutter and post-cutting internal inspection by a 360-degree rotating camera shall be paid for at the contract unit price bid per EACH for SITE 10 DROP PIPE REINSTATEMENT.
40. Method of Payment: Partial payment based on progress

Invoices:

41. A schedule of dates when pay requests must be submitted will be determined at the preconstruction meeting.
42. All invoices must reflect the following applicable information: The Contract Number, the name of the Project, the Name of the Contractor, and the services/deliverables with the price depicted in the same format as the offer.
43. Lien waivers must be submitted with each invoice.
44. **For unit cost:** Payment will be based on the actual quantity of work completed or product delivered at the unit price specified on the successful bidder's offer and the award document.
45. The City shall withhold 10% retainage from each payment due the Contractor. Contract retainage shall be released upon final completion of all work and receipt of all documentation as required by the contract.

For Internal Purposes:

46. All invoices are mailed to the attention of the Project Manager; City of Wheaton; PO Box 727; Wheaton, IL 60187.

Project Close Out:

47. Verification of quality and completion of service
48. Completion of Punch List and all areas of non-compliance or incomplete tasks
 - 48.1. Review Liquidated Damages
 - 48.2. Review Retainage
 - 48.3. Final Payment: Prior to authorization of Final Payment, the following documents must be submitted:
 - 48.4. Completed Waivers and Liens
 - 48.5. All Certified Payrolls
 - 48.6. Documented completion of the Punch List
 - 48.7. Statements of Warranty
49. Written approval of the City's Project Manager

END OF SPECIAL TERMS AND CONDITIONS FOR CONTRACTED SERVICE

STATEMENT OF WORK **SEWER MAIN REHABILITATION 2016**

Description of Work

1. It is the intent of these Specifications to provide the minimum requirements for the rehabilitation of both sanitary and storm sewer mains within the City of Wheaton's collection system.

Acceptable Products

2. The rehabilitation of sewer mains shall be done by the installation of a resin-impregnated flexible tube which shall be continuous and tight-fittings throughout the full length of the original pipe.
 - 2.1. The CIPP liner shall be installed by inversion.
3. To be considered for the award of this project, the product must meet the following requirements:
 - 3.1. Have a documented minimum of 1,000,000 feet and 4,000 segments of successful sewer main cured-in-place pipe installation in the United States.
 - 3.2. Be provided by a manufacturer with least ten (10) years of CIPP product supply history.
 - 3.3. Be provided by a manufacturer capable of demonstrating that it has sufficient in-house engineering support and manufacturing quality control.

Warranty

4. All CIPP liners installed under this contract shall be warranted free from defects in materials, workmanship, and leaks and shall meet the performance and technical criteria set forth in this bid specification for a period of three (3) years from the date of the completed coating installation. The warranty shall apply in addition to any applicable manufacturer's warranty.
 - 4.1. The City shall be responsible for all warranty inspections.
 - 4.2. All warranty work is subject to the approval of the Project Manager and shall be corrected within three (3) months of receiving notification from the City.
 - 4.3. Any work completed by the Contractor that is defective and/or has been repaired shall be warranted for one (1) year in addition to the warrantee required by the contract.

Public Standards

5. This specification references American Society of Testing and Materials (ASTM), National Association of Sewer Service Companies (NASSCO), and American Water Works Association (AWWA) standards, which are made part hereof by such reference and shall be the latest edition and revision thereof. If there is a conflict between these standards and this specification, this specification will govern.
6. ASTM F1216, "Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube"
7. ASTM D5813, "Standard Specification for Cured-in Place Thermosetting Resin Sewer Pipe"
8. ASTM D638, "Standard Test Method for Tensile Properties of Plastics"
9. ASTM D790, "Standard Test Methods for Flexural Properties of Un-reinforced and Reinforced Plastics and Electrical Insulating Materials"
10. ASTM D543, "Standard and Practice for Evaluating the Resistance of Plastics to Chemical Reagents"
11. Illinois Department of Transportation Standard Specifications for Road and Bridge Construction shall be incorporated into this bid.

12. Illinois Department of Transportation Supplemental Specifications and Recurring Special Provisions shall be incorporated into this bid.
13. Illinois Manual on Uniform Traffic Control Devices for Streets and Highways shall be incorporated into this bid.
14. These documents which are made part of this document by reference or listed in this section shall be the latest edition and revision of said document.

Materials

15. The CIPP shall be designed for a life of 50 years or greater.
16. The Contractor shall verify all lengths, diameters, depths, and host pipe materials prior to ordering rehabilitation materials.
17. The materials shall be shipped, stored, and handled in a manner consistent with written recommendations of the manufacturer.
18. All sanitary sewer pipes shall be fitted with a Hydrophilic End Seal Sleeve compatible with the CIPP, as manufactured by LMK Technologies or equivalent, at manhole walls of each segment prior to installation of the liner. All equivalents shall be approved of by the Project Manager at the pre-construction meeting. Storm sewer pipes do not require hydrophilic gaskets.

19. Tube

- 19.1. The fabric tube shall consist of one or more layers of absorbent non-woven felt fabric, felt/fiberglass or fiberglass and meet the requirements of ASTM F1216 and ASTM D D5813. The fabric tube shall be capable of absorbing and carrying resins, constructed to withstand installation pressures and curing temperatures and have sufficient strength to bridge missing pipe segments, and stretch to fit irregular pipe sections and negotiate bends.
- 19.2. The tube shall be vacuumed-impregnated under the controlled conditions of a permanent facility and the Contractor shall designate the location of vacuum-impregnation prior to installation of CIPP. The Contractor shall allow the Project Manager to inspect the materials and procedures used to vacuum-impregnate the tube.
- 19.3. The wet-out fabric tube shall have a uniform thickness and excess resin distribution that when compressed at installation pressures will meet or exceed the design thickness after cure.
- 19.4. The tube shall be fabricated to fit sufficiently tight within the existing pipe.

20. Resin

- 20.1. The resin shall be a corrosion resistant polyester or vinyl ester resin that shall meet or exceed all applicable ASTM requirements and requirements within this specification.
- 20.2. The resin shall be cured using hot water under hydrostatic pressure, pressurized steam within the tube, or by an ultraviolet light train within the pipe. The CIPP shall be continuous and tight fitting.

21. Structural Requirements

- 21.1. The CIPP shall at a minimum meet the site characteristics and properties given below and shall be designed in accordance with appendix of ASTM F1216.

Creep Retention Factor	50%
Pipe Diameters:	See Exhibit B
Pipe Condition	Fully deteriorated
Pipe Depth	See Exhibit B
External Water Surface:	Ground Level
Soil Modulus:	1,000 psi
Soil Density:	120pcf
Highway Live Load:	16,000 lbs
Safety Factor:	1.5 minimum
ovality:	5% minimum

Enhancement factor (K)	7.0 maximum
Minimum Thickness:	4.5 mm
Flexural Modulus of Elasticity (short term)	250,000 psi (per test method of ASTM D-790)
Flexural Strength (short term)	4,500 psi (per test method of ASTM D-790)

22. The installed CIPP shall provide a structurally sound, jointless and water-tight pipe within a pipe from manhole to manhole and shall be free of all defects that will affect the long term life and operation of the pipe.
23. The installed CIPP shall have a long term (50-year minimum) corrosion resistance to the chemicals typically found in domestic sewage.
24. The installed CIPP shall at a minimum be equal to the full flow capacity of the original pipe before rehabilitation. Calculated capacities may be derived using a commonly accepted roughness coefficient for the existing pipe material taking into consideration its age and condition.
25. The installed CIPP thickness shall be measured for each line section installed utilizing non-destructive methods. If the CIPP thickness does not meet the specified design thickness submitted by the Contractor, then the liner shall be repaired or replaced at no additional cost to the City.
26. The Contractor shall provide a written guarantee of his compliance with these standards.
27. All damaged materials rejected by the Project Manager shall be promptly removed from the project site at the Contractor's expense and disposed of in accordance with current applicable regulations.

Safety/Traffic Control

28. The Contractor shall be responsible for all right-of-way permits, bonds, and insurance requirements from all applicable agencies and shall adhere to all procedures, restrictions and requirements as stated on the permits. No additional compensation shall be given for this but instead shall be considered included in the contract.
29. Work shall be performed in accordance with the latest applicable OSHA regulations. Emphasis shall be placed upon the requirements for confined space entry.
30. Traffic control is required as part of this contact and shall be performed in accordance with the attached City of Wheaton Engineering Department Special Provisions for Traffic Plans or other agencies having jurisdiction over the work area. [\[Attached Special Provision for Traffic Control Plan\]](#)
31. The Contractor shall conform to all work safety requirements of pertinent regulatory agencies, and shall secure the site for the working conditions in compliance with respective agencies. The Contractor shall erect such signs and other devices as are necessary for the safety of the work site.
32. Traffic control plans shall be submitted to the Project Manager a minimum of one (1) week prior to the start of work. All traffic control, including signing and barricading of the work areas, shall be the Contractor's responsibility and shall conform to all applicable standards.

Public Notification

33. The City will notify residents/property owners whose sanitary sewer service will be disrupted by the sewer lining prior to the start of the project.
34. The Contractor shall notify property owners affected by the installation work at least 24 hours prior to commencement of the work. The Contractor shall coordinate timing of shutdowns with any resident or business that may have special needs for water consumption.
35. The Contractor shall notify each property owner whose sanitary sewer service will be unavailable for use and then when normal use can resume. No property owner/occupants shall be without sanitary sewer service for more than 12 hours. If sanitary sewer service disruption exceeds 12 hours, the Contractor shall pay for temporary lodging for the affected property owner/occupants at the Contractor's expense.
36. The Project Manager must approve all notification methods and materials.

Property Consideration / Cleanup

37. The Contractor shall make every effort to minimize disruption to property owners/occupants. The Contractor shall use appropriate methods to avoid damage to trees, lawns, landscapes, walkways, driveways, parking areas, buildings, vehicles, and personal property.
38. The Contractor shall not obstruct emergency access to any property, nor unreasonably restrict movement on and off private property.
39. All road or lane closures are subject to the approval of the Project Manager.
 - 39.1. The Project Manager must be notified of all road closures 24 hours prior to the closure.
40. The site shall be left as clean as prior to the work. If left "unclean" after two (2) days notification by the City, the City will hire another contractor and subtract fees from payments due.
41. The pipe shall be returned to normal service following the work.
42. Disposal of all waste shall comply with all applicable facility, local, state, and federal regulations.

Quality Assurance

43. The Project Manager will observe surface preparation, application, and material handling procedures to ensure adherence to the specifications. The Contractor shall give the Project Manager timely notice of readiness of work for all inspections, tests, or approvals and shall cooperate with all testing personnel to facilitate the required inspections or tests.

Sewer Cleaning

44. Cleaning shall be done in a manner so as not to cause discharge of vapors or liquid into the building serviced by the main. In the event of a sewer backup or other incident involving damage to customer property, the Contractor shall arrange and pay for professional cleaning and repair services at the Contractor's expense.
45. Sanitary sewer cleaning equipment shall be capable of no more than 80 gallons/minute, unless approved in writing by the Project Manager.
46. It shall be the responsibility of the Contractor to completely clean the sewer main prior to lining. The work shall consist of all labor, materials, power, utilities, and equipment necessary to thoroughly clean identified sewers and restore them as close as practically possible to their original carrying capacity.
47. It shall be the responsibility of the Contractor to remove all internal debris, hanging gaskets, and root intrusions from the sewer main. All debris must be removed from the pipe and is not permitted to flow downstream. If any debris is passed downstream, the Contractor shall clean the affected section(s) of the sewer main at no cost to the City
 - 47.1. Material removed from system during cleaning shall be disposed of in accordance with all applicable regulations.
 - 47.1.1. The City will not provide a location for disposing of debris.

Point Repairs

48. If the Contractor identifies a sewer main defect that may prevent proper installation of the CIPP liner or a location requiring a point repair, the Project Manager will be notified immediately. The City will be responsible for point repairs and will perform point repairs if it is deemed in the City's best interest.

Installation

49. The liner shall be installed by inversion in accordance with the practices given in ASTM F1216 and all manufacturer recommendations.

Bypass Pumping

50. The Contractor, when required, shall use bypass pumping as a means of sewerage control. The bypass pumping methods, equipment, type of hose, etc., shall be subject to the approval of the Project Manager. Bypass pumps shall be sized to handle the peak flow with one pump out of service. The Contractor must always have a backup pump ready in case a pump fails.
51. No spillage of wastewater to adjacent streets, lawns, etc., shall be tolerated. If any such spillage should occur, all construction operations shall cease and cleanup shall commence immediately and be completed to the satisfaction of the Project Manager prior to the resumption of any construction operations.
52. All bypass pumping plans, including methods, routes and discharge locations are subject to the approval of the Project Manager. Bypass pumping operations shall be sufficient to avoid causing sewer back-ups and overflows for the City and the City's residential and commercial customers. The Contractor shall take into consideration possible flow increases and shall be prepared for all conditions that may arise. The Contractor shall be responsible for all costs arising from the failure to provide adequate bypass pumping including damage to public and private property and emergency response by City personnel.
53. Bypass pumping will not be allowed during wet weather. The Project Manager reserves the right to determine when any bypass pumping will or will not be allowed.
54. The bypass pumping system shall be in place prior to the blockage of any flow. Gravity flow shall be restored at the end of each working day. Unattended bypass pumping is not allowed.
55. Bypass pumping shall be limited to those hours that the Contractor is performing the work for this project unless necessitated by an emergency beyond the Contractor's control. A representative of the Contractor must be on-site at all times that bypass pumping is in operation.
56. Service connections may only be plugged after proper notification of the affected property.

Reinstate Active Service Lateral (Includes drop pipes)

57. It is the Contractors responsibility to ensure that all active service laterals have been reinstated following CIPP installation. Inactive service lateral connections shall not be reinstated. In the event the status of a service connection cannot be adequately defined, the Project Manager will make the final decision, prior to the installation of the liner, as to the status of the service.
58. Active laterals shall be reinstated without excavation from the sewer main. All active service connections shall be accounted for and be unobstructed.
59. The re-cut shall be smooth, circular, 95% of the service lateral pipe diameter and suitable for the unobstructed installation of a service lateral connection seal. After re-cuts the opening shall be brushed to remove rough or sharp edges that could interfere with a connection sealing process. Excess cuts, wrong cuts or trial cuts will be properly repaired to meet the requirements of these specifications and are subject to the approval of the Project Manager.
60. The re-cut shall be verified with inspection by a 360° pan and tilt camera.
61. The Contractor shall capture and remove all debris generated by the reinstatement of active service connections. All debris shall be disposed of in accordance with all applicable regulations.

Inspection

62. The Contractor shall inspect each completed liner installation by closed circuit television upon completion of lining.
 - 62.1. Video of liners shall be in digital format, labeled by Upstream Manhole – Downstream Manhole. All manholes shall be labeled using the City identification numbers provided.

62.2. Any out-of-focus video recordings or portions thereof, shall be cause for rejection of the video recording and will necessitate re-televising at the Contractor's expense. Televising shall be done one section at a time.

62.3. The video shall become the property of the City.

63. The cured liner shall be uniformly bonded and free of significant visual defects such as foreign inclusions, dry spots, pinholes, and delamination. The lining shall be impervious and free from any leakage. The cured liner shall fit tightly to the host pipeline at all observable points and shall meet or exceed the minimum thickness established in the design process. All defects discovered during the post-installation television inspection shall be corrected by the Contractor at no additional cost to the City, prior to acceptance of work. After defects are corrected, the television inspection shall be completed again.

64. The Contractor shall be responsible for correction of all defects in materials and workmanship at no cost to the City, including removal and replacement of the entire section of lining, prior to acceptance of work.

Testing

65. The physical properties of the installed liner shall be verified through field samples and laboratory testing.

66. An independent third party laboratory shall perform all materials testing.

67. The Contractor shall provide samples for testing from the actual installed CIPP liner. The Contractor shall provide one sample for laboratory testing per every 2000 feet of sewer lined, or at the request of the Project Manager. Samples less than 18" shall be provided of cured CIPP that has been inverted through a like diameter pipe which has been held in place by a suitable heat sink, such as sandbags. The samples shall be flat plate samples for diameters of CIPP 18" and larger. Flat plate samples shall be taken directly from the wet out tube, clamped between flat plates and cured in the down tube.

68. All curing, cutting and identification of samples may be witnessed by the Project Manager and transmitted by the City to the testing laboratory.

69. If properties tested do not meet minimum requirements, the CIPP shall be repaired or replaced by the Contractor, at no additional cost to the Owner.

70. All tests shall be in accordance with applicable ASTM test methods to confirm compliance with the requirements specified in these contract documents.

71. The CIPP system installed shall meet the chemical resistance requirements of ASTM standards.

City of Wheaton
Engineering Department

SPECIAL PROVISION
FOR
TRAFFIC CONTROL PLAN

Effective: 1/1/10

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

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

SPECIAL PROVISIONS: Traffic Control and Protection, LRS 3 Work Zone Traffic Control, LRS 4 Flaggers in Work Zones, District 1 - Maintenance of Roadways

City of Wheaton
Engineering Department

**SPECIAL PROVISION
FOR
USE OF FIRE HYDRANTS**

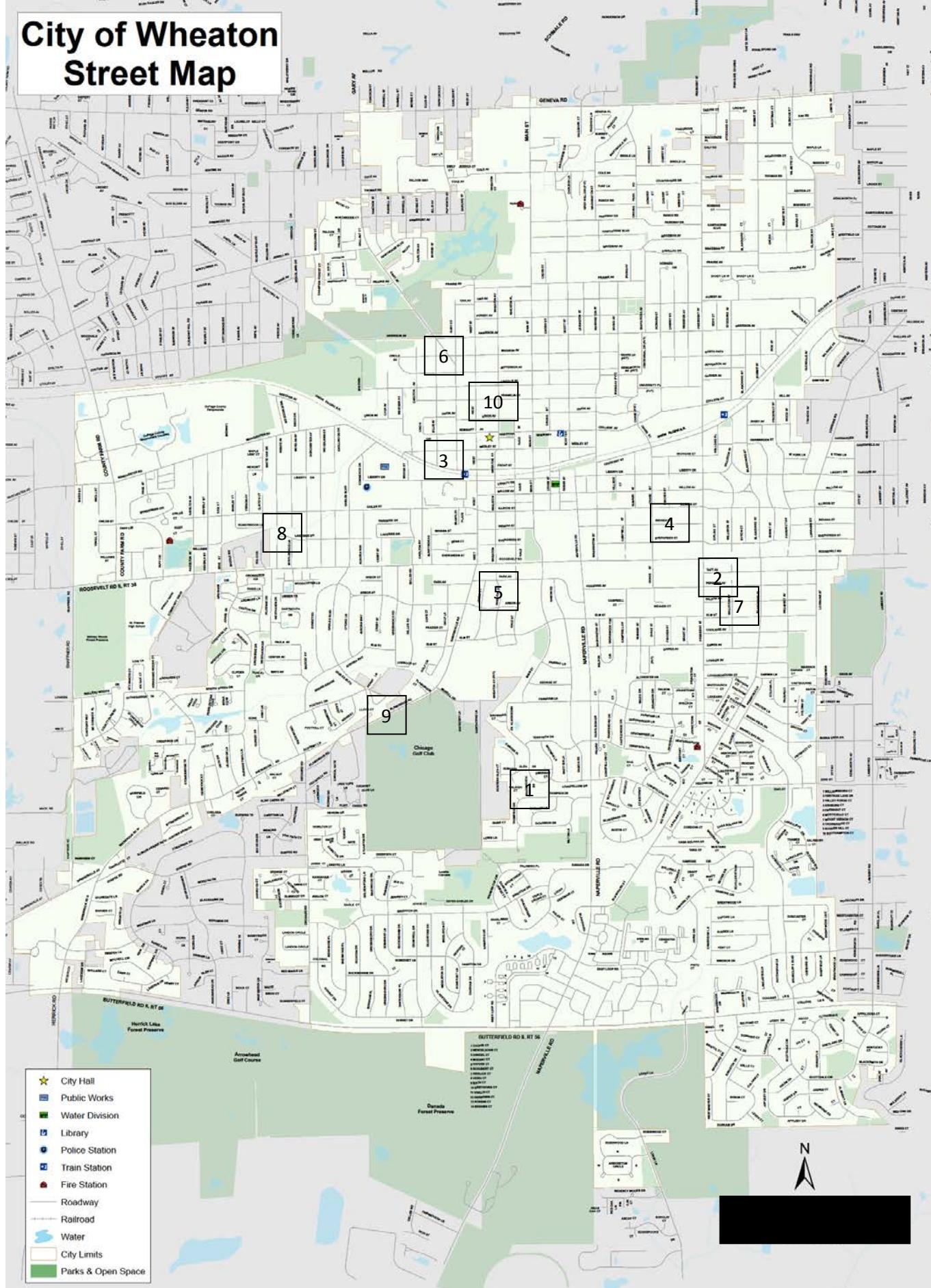
Effective: 1/1/10

Add the following after the first paragraph of Article 107.18 of the Standard Specifications:

"Water shall be available to the CONTRACTOR free of charge during construction operations. The CONTRACTOR shall be responsible for accountability of water usage however, and all water use shall be metered. A water meter is available and may be obtained from the City of Wheaton Water Department for a deposit of Seven Hundred Dollars (\$700) which shall be refunded upon return of the meter in good condition, to the City of Wheaton Water Department."

Exhibit A – Plans

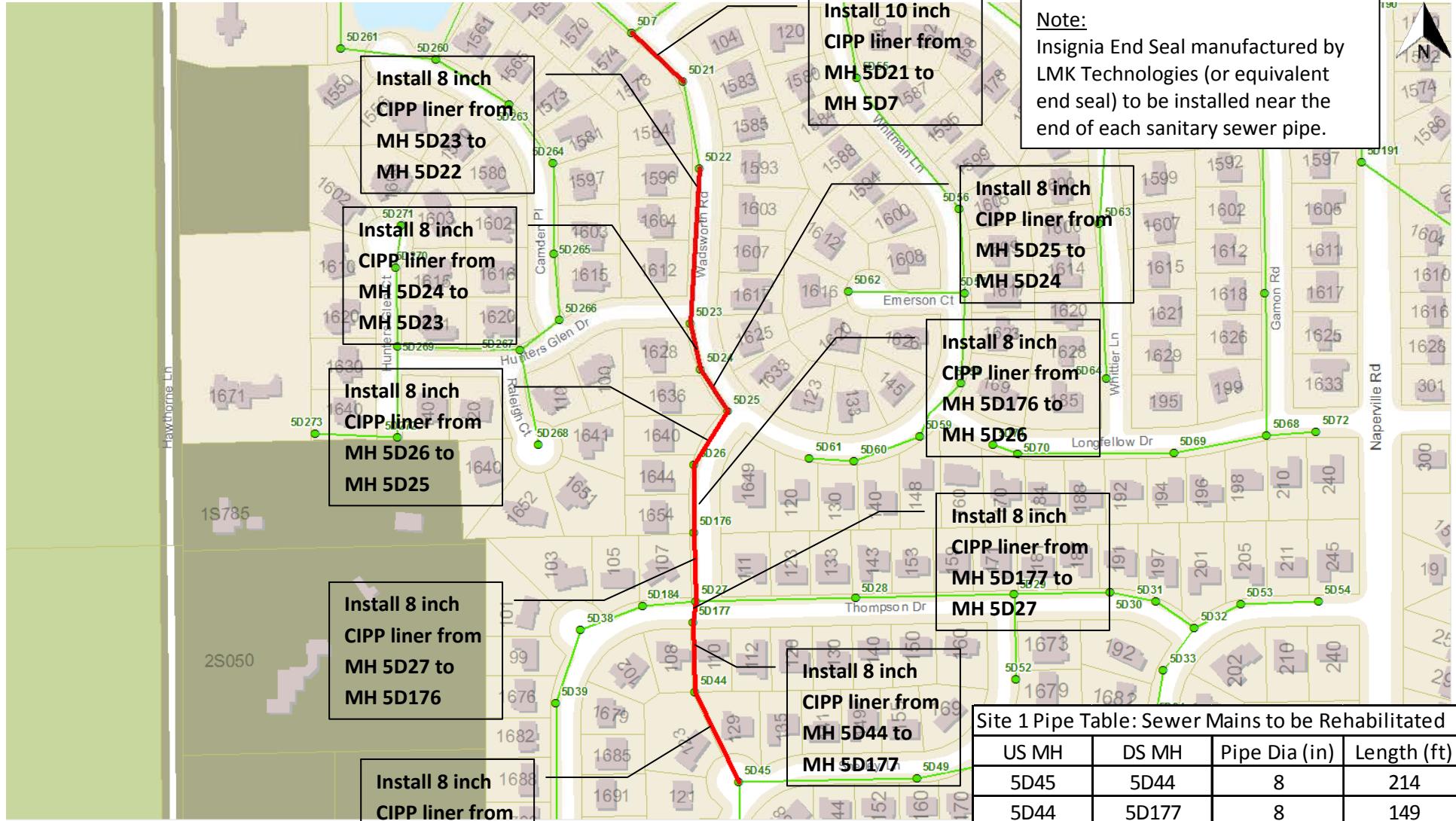
2016 Sewer Main Rehabilitation Project



2016 SEWER MAIN REHABILITATION PROJECT – PLANS FOR THE CITY OF WHEATON DUPAGE COUNTY, ILLINOIS

Table of Contents	
Page No.	Contents
1	Cover
2-3	Site 1
4-5	Site 2
6-7	Site 3
8-9	Site 4
10-11	Site 5
12-13	Site 6
14-15	Site 7
16-17	Site 8
18-19	Site 9
20-21	Site 10

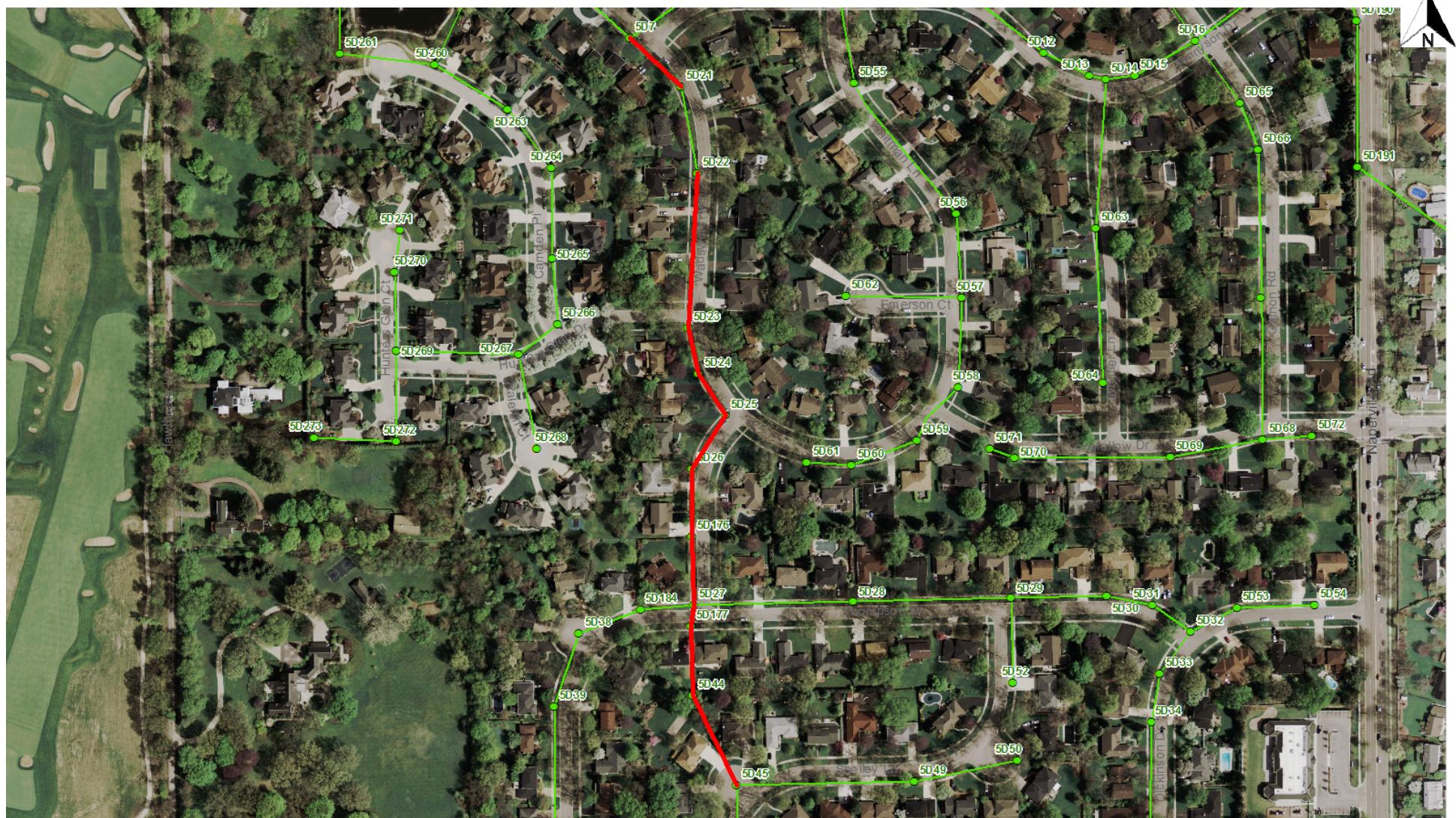
Estimated Sewer Main Rehabilitation Quantities						
Site	US MH	DS MH	US MH Depth (ft)	DS MH Depth (ft)	Pipe Dia (in)	Length (ft)
1	5D45	5D44	8	8	8	214
1	5D44	5D177	8	9	8	149
1	5D177	5D27	9	8	8	44
1	5D27	5D176	8	13	8	150
1	5D176	5D26	13	13	8	146
1	5D26	5D25	13	12	8	136
1	5D25	5D24	12	13	8	99
1	5D24	5D23	13	14	8	103
1	5D23	5D22	14	15	8	333
1	5D21	5D7	11	11	10	153
2	6C21	6C20	6	6	12	342
2	6C20	6C2	6	6	12	341
2	6C2	6C1	6	8	12	352
2	6C1	6B30	8	8	12	321
3	SR5551	SR5548	5	5	8	151
3	SR5548	SR5544	5	8	8	185
4	PH31150	PH31147	6	6	10	244
4	PH31147	PH31146	6	8	10	500
4	PH31146	PH31142	6	6	10	400
5	SR5016	SR5015	3	4	12	220
5	SR5015	SR5011	4	4	12	296
6	WM2048	WM2009	6	6	15	291
7	PH3973	PH3972	6	6	10	320
7	PH3972	PH3971	6	11	10	301
7	PH3971	PH3970	11	6	12	326
7	PH3970	PH3967	6	7	12	304
7	PH3967	PH3956	7	8	12	53
7	PH3964	PH3961	6	6	10	64
7	PH3961	PH3958	6	7	10	301
7	PH3958	PH3956	7	8	10	131
8	WH3015	WH3014	5	6	10	152
8	WH3014	WH3001	5	5	10	130
9	Inlet	SL8106	3	3	12	50



Site 1

Note:
Contractor to install cured-in-place pipe (CIPP) liner in all of the sanitary sewer mains highlighted.

Site 1 Pipe Table: Sewer Mains to be Rehabilitated			
US MH	DS MH	Pipe Dia (in)	Length (ft)
5D45	5D44	8	214
5D44	5D177	8	149
5D177	5D27	8	44
5D27	5D176	8	150
5D176	5D26	8	146
5D26	5D25	8	136
5D25	5D24	8	99
5D24	5D23	8	103
5D23	5D22	8	333
5D21	5D7	10	153



Site 1

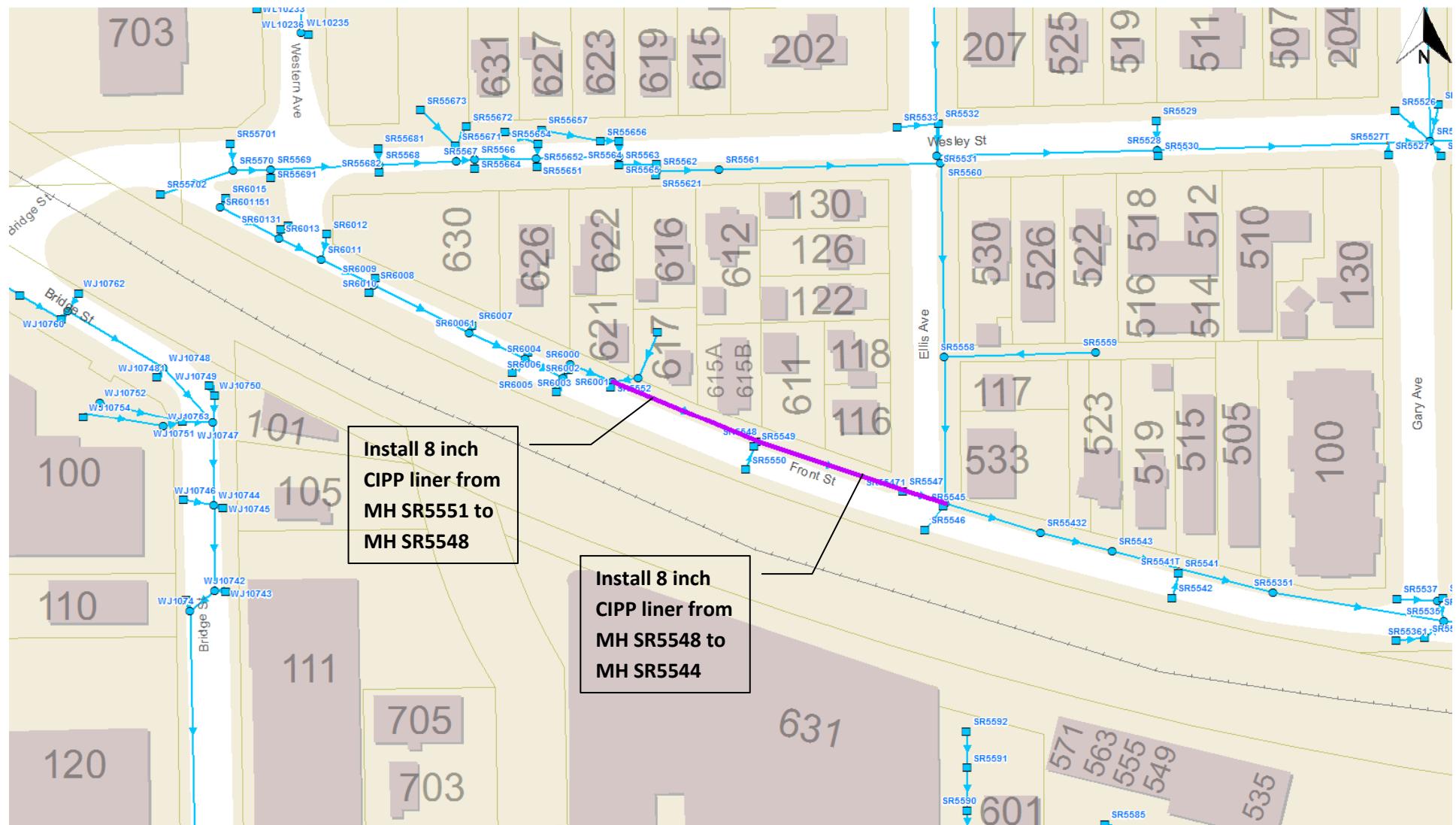


Site 2

Site 2 Pipe Table: Sewer Mains to be Rehabilitated			
US MH	DS MH	Pipe Dia (in)	Length (ft)
6C21	6C20	12	342
6C20	6C2	12	341
6C2	6C1	12	352
6C1	6B30	12	321



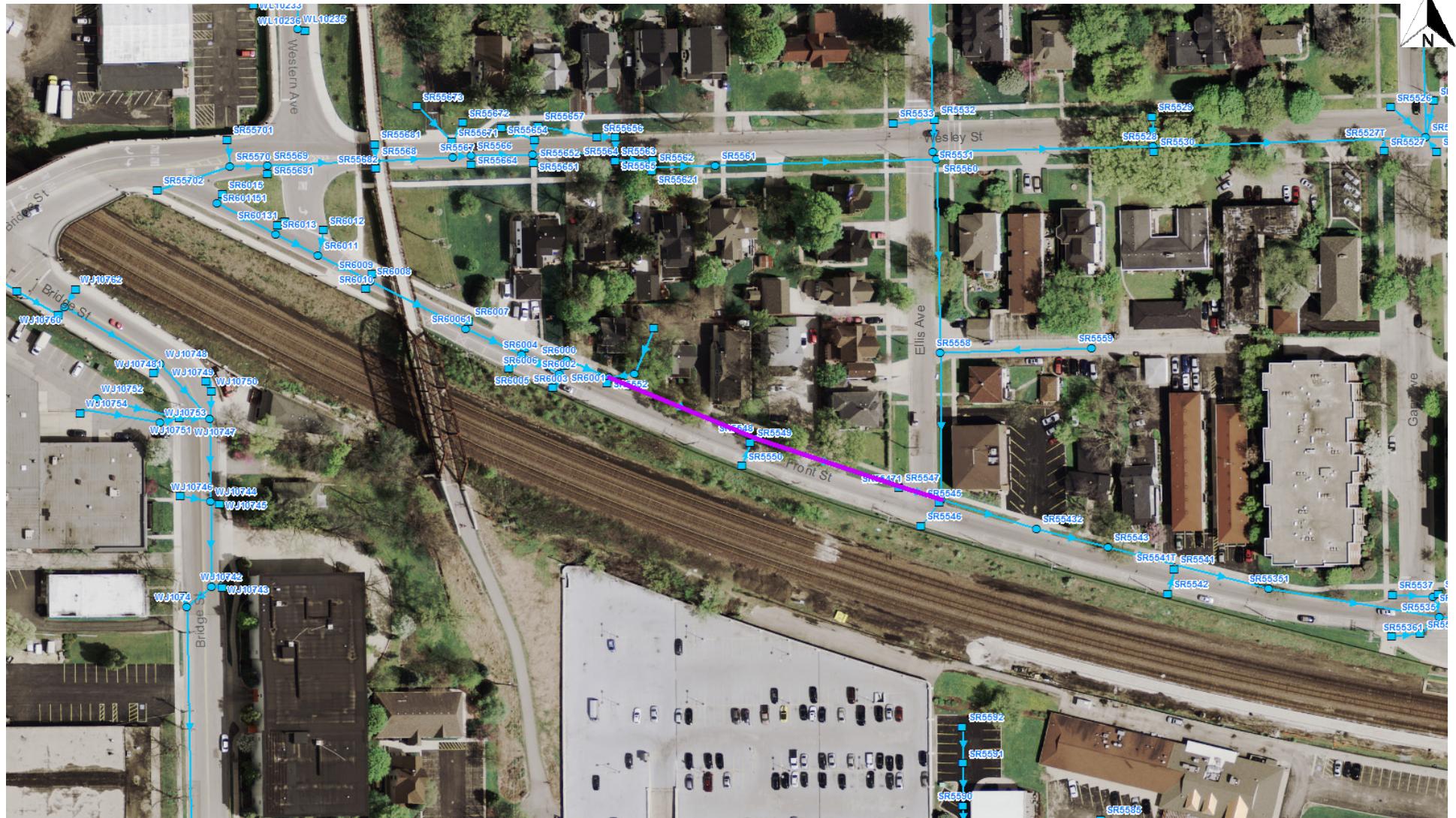
Site 2



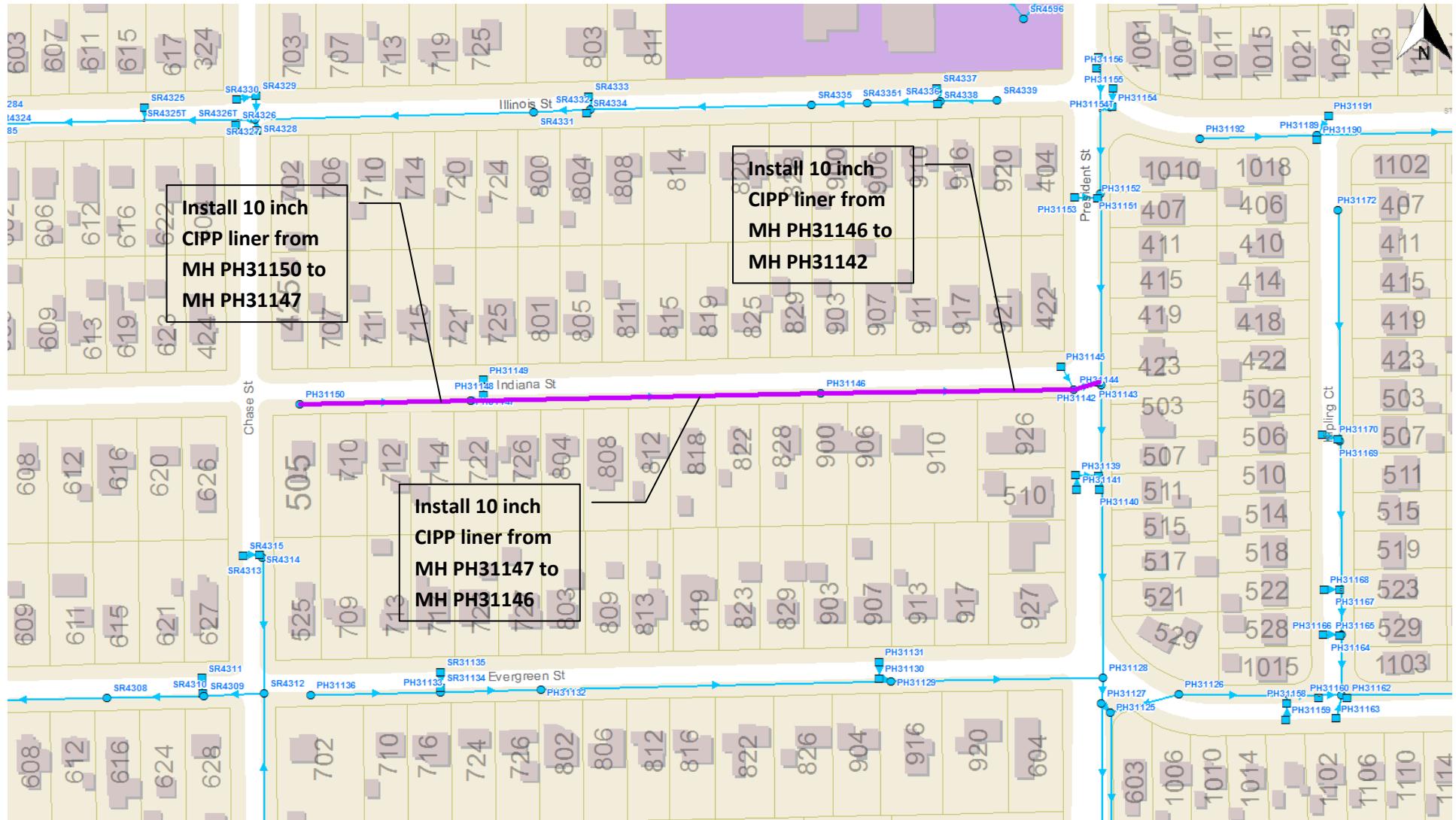
Site 3

Note:
Contractor to install cured-in-place pipe (CIPP) liner in the storm sewer mains highlighted.

Site 3 Pipe Table: Sewer Mains to be Rehabilitated			
US MH	DS MH	Pipe Dia (in)	Length (ft)
SR551	SR548	8	151
SR548	SR544	8	185



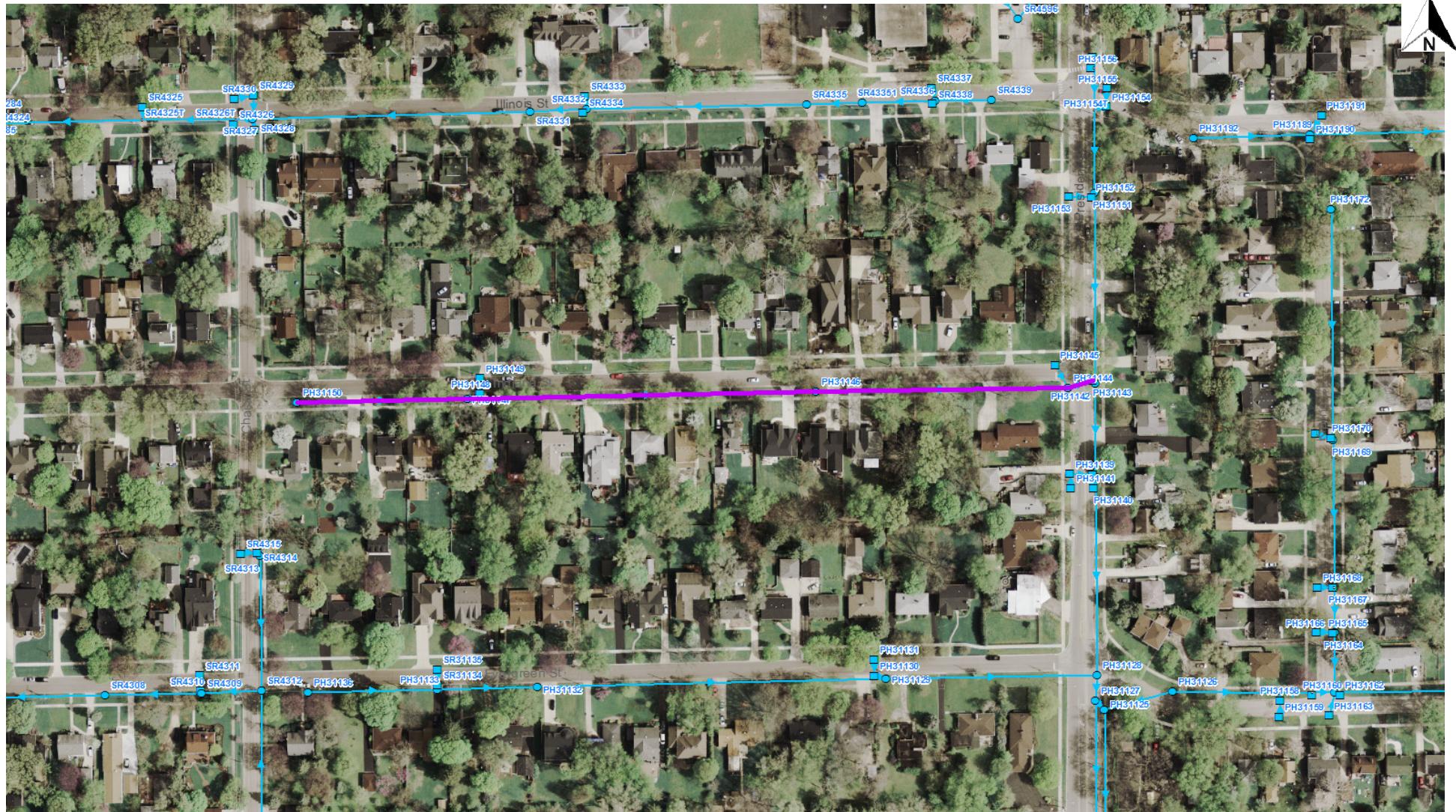
Site 3



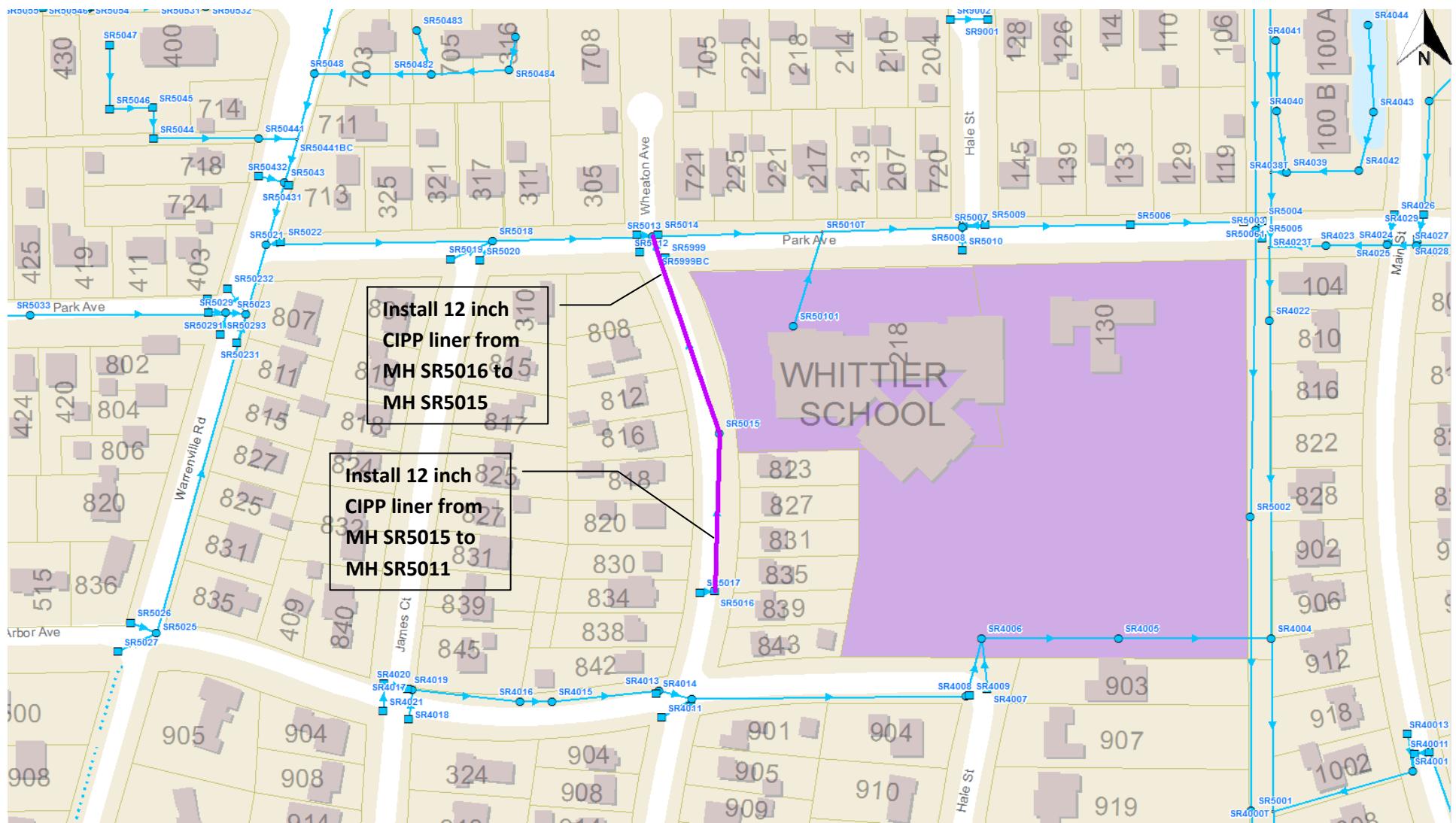
Site 4

Note:
Contractor to install cured-in-place pipe (CIPP) liner in all of the storm sewer mains highlighted.

Site 4 Pipe Table: Sewer Mains to be Rehabilitated			
US MH	DS MH	Pipe Dia (in)	Length (ft)
PH31150	PH31147	10	244
PH31147	PH31146	10	500
PH31146	PH31142	10	400



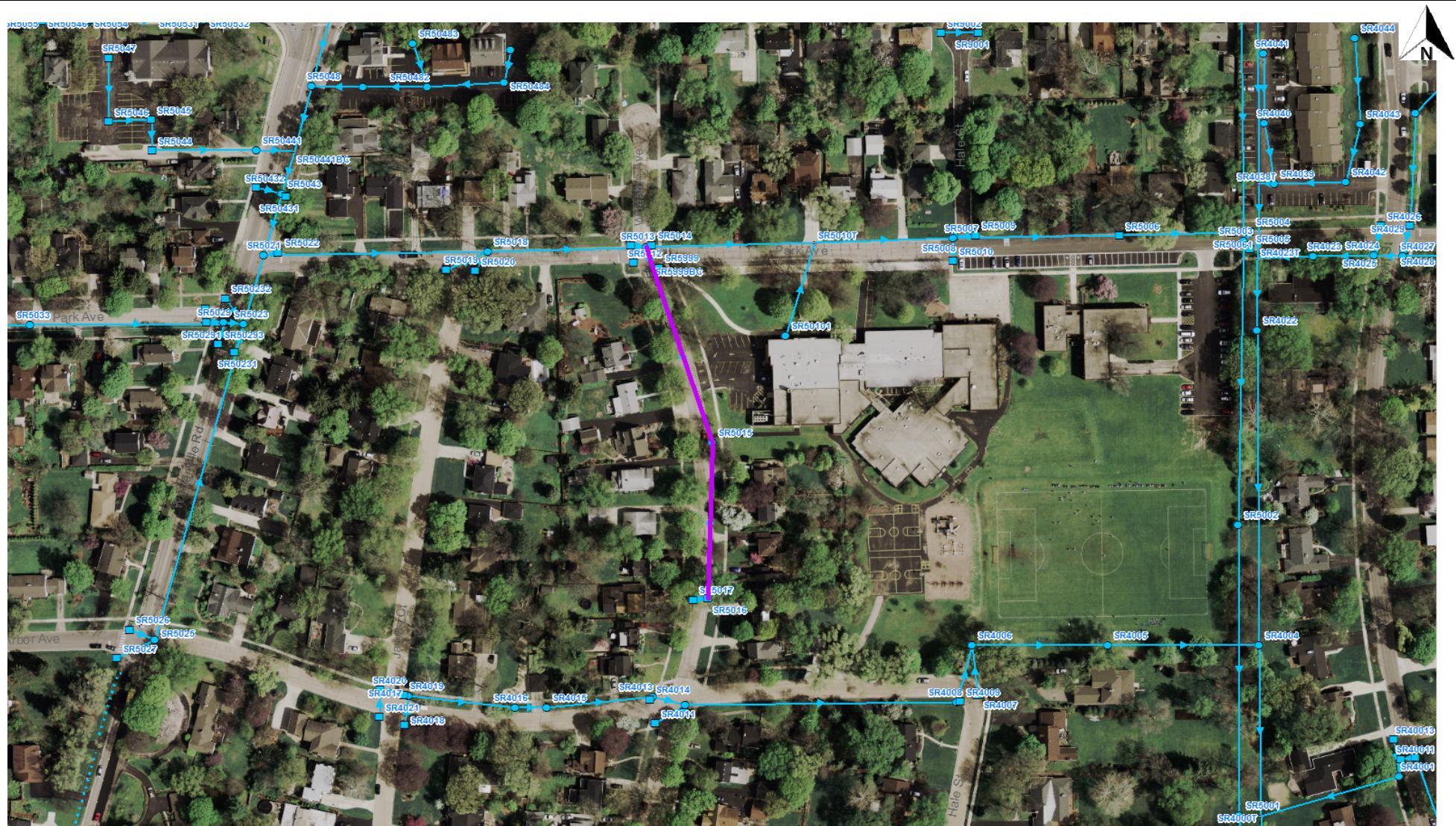
Site 4



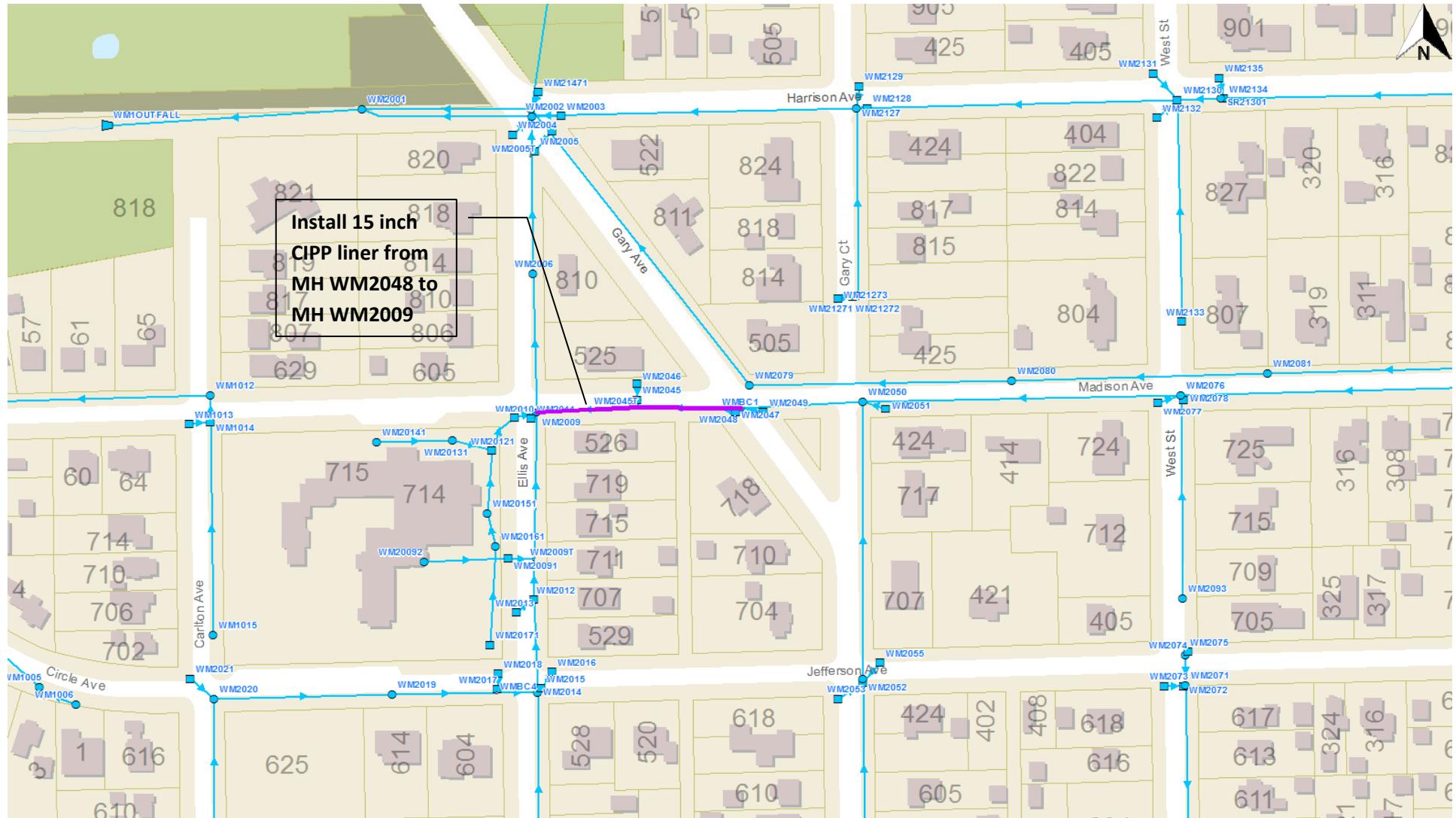
Site 5

Note:
Contractor to install cured-in-place pipe (CIPP) liner in the storm sewer mains highlighted.

Site 5 Pipe Table: Sewer Mains to be Rehabilitated			
US MH	DS MH	Pipe Dia (in)	Length (ft)
SR5016	SR5015	12	220
SR5015	SR5011	12	296



Site 5

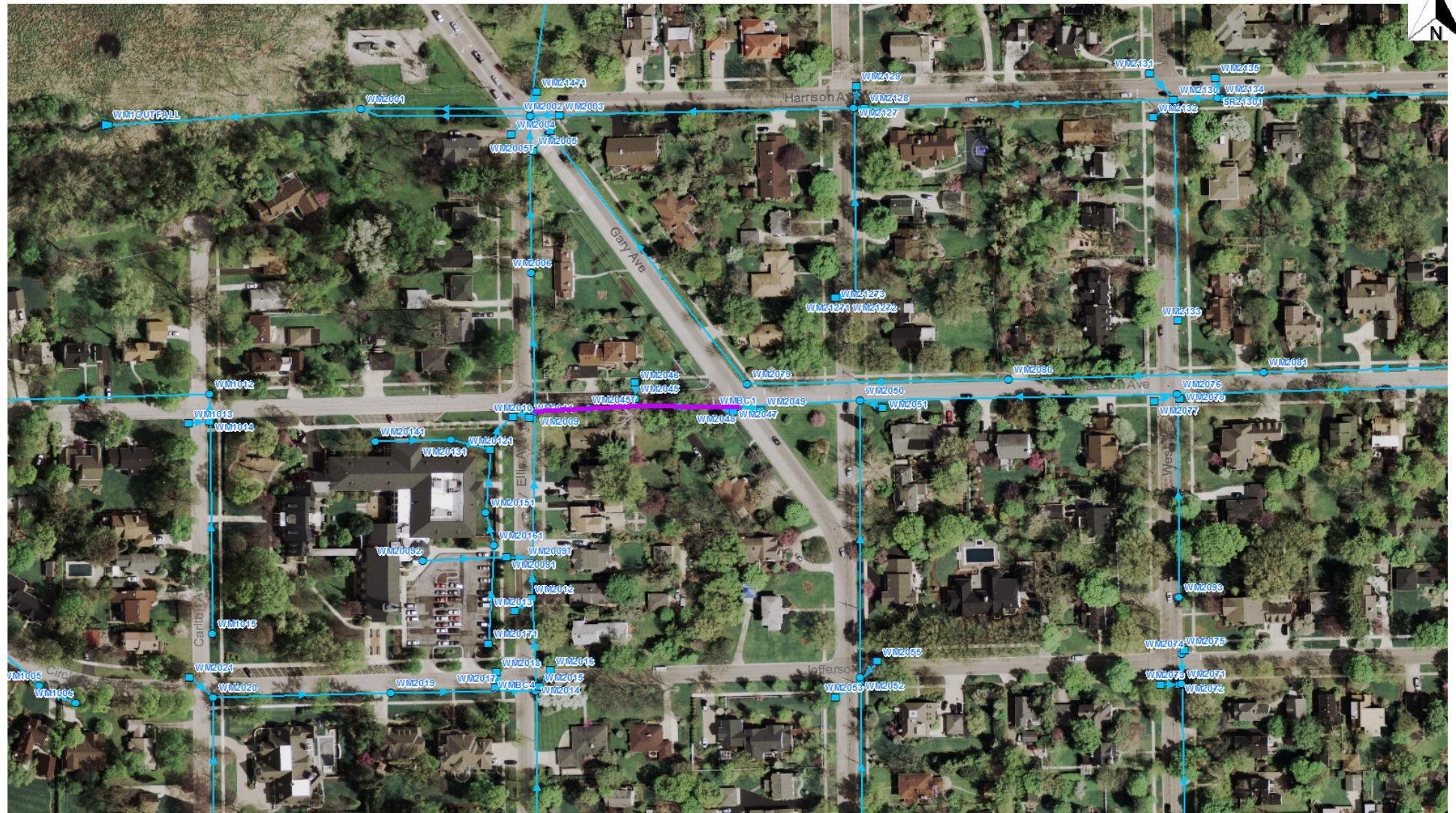


Site 6

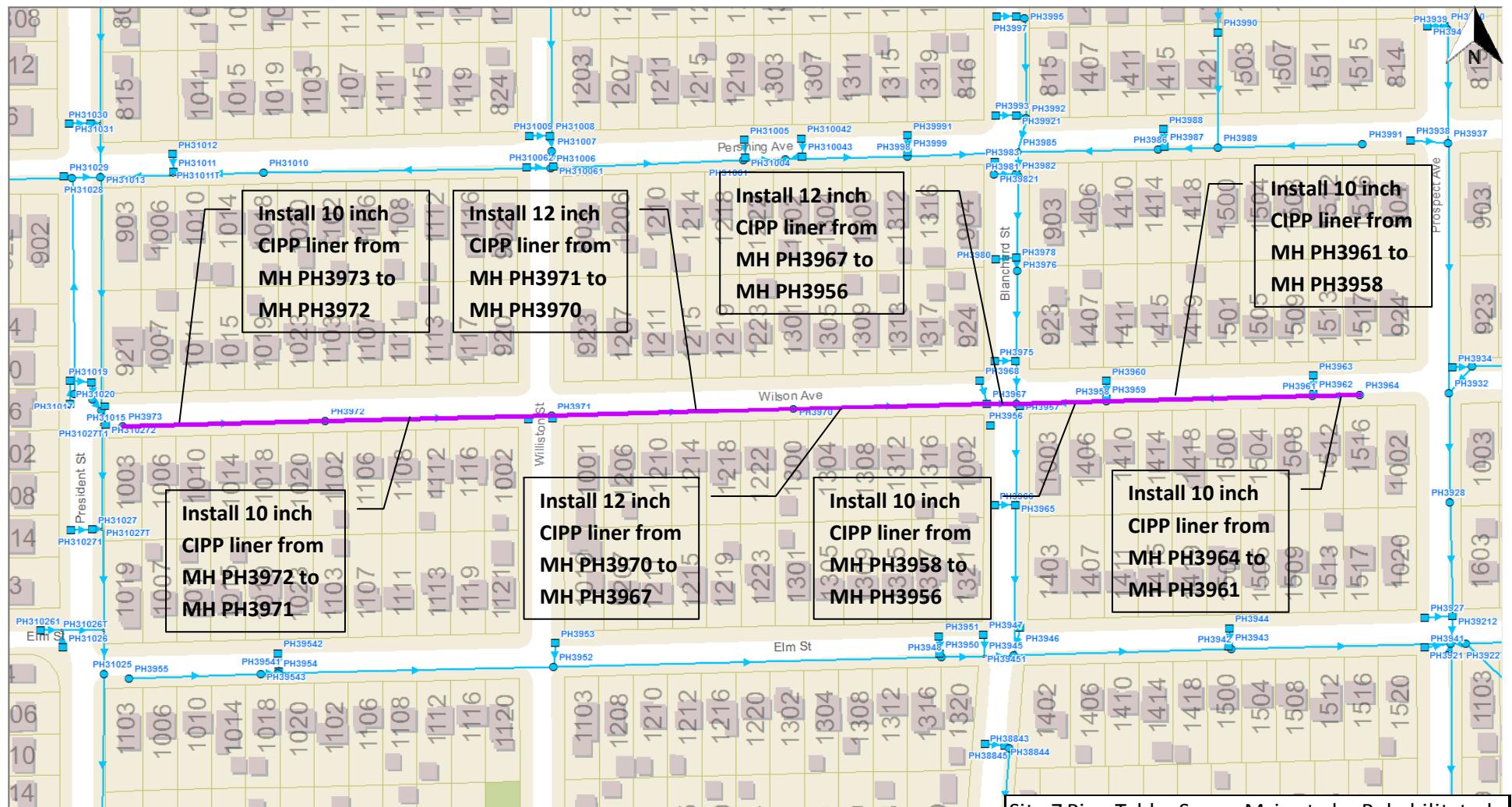
Note:

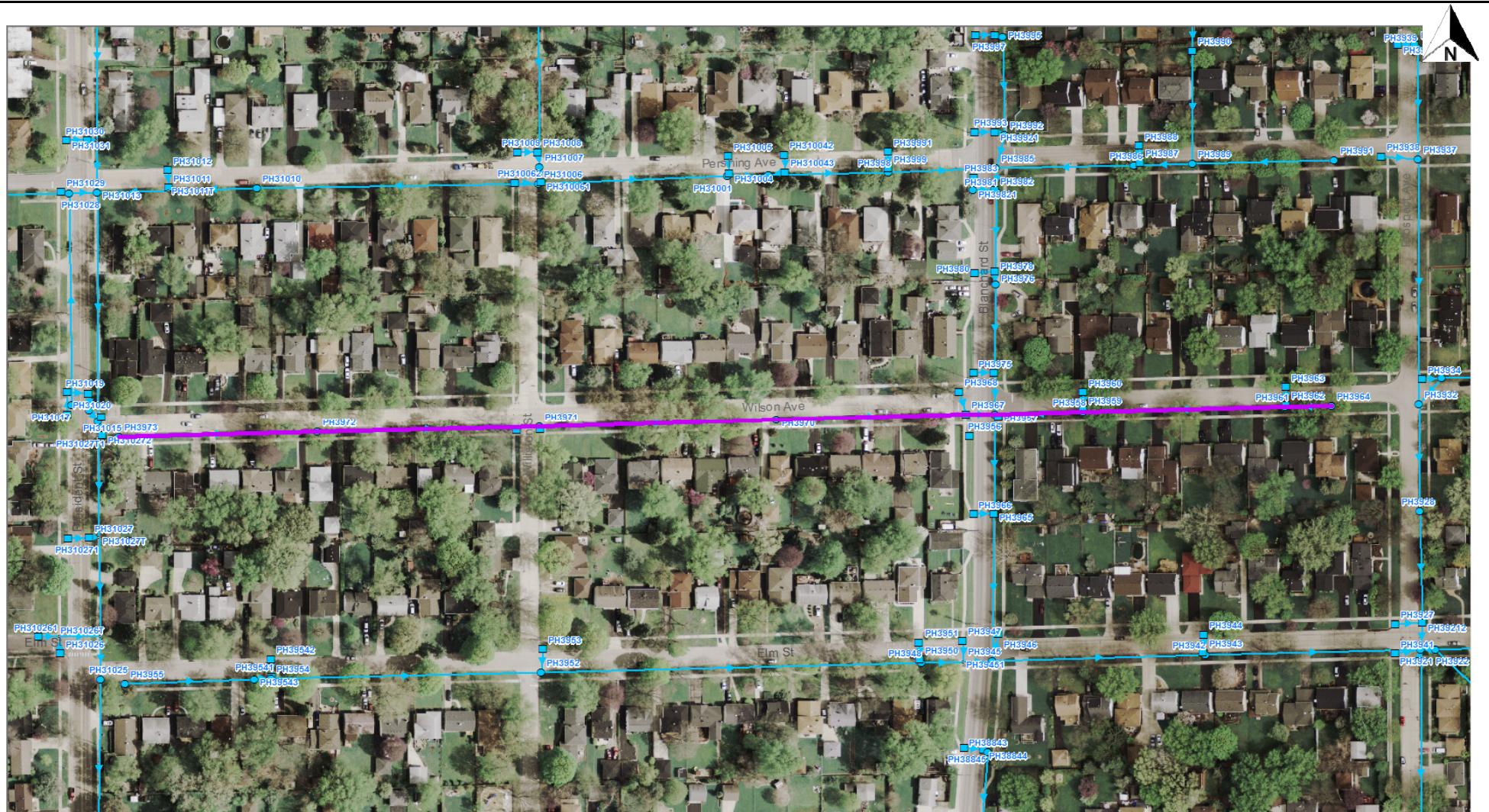
Contractor to install cured-in-place pipe (CIPP) liner in the storm sewer mains highlighted.

Site 6 Pipe Table: Sewer Mains to be Rehabilitated			
US MH	DS MH	Pipe Dia (in)	Length (ft)
WM2048	WM2009	15	291

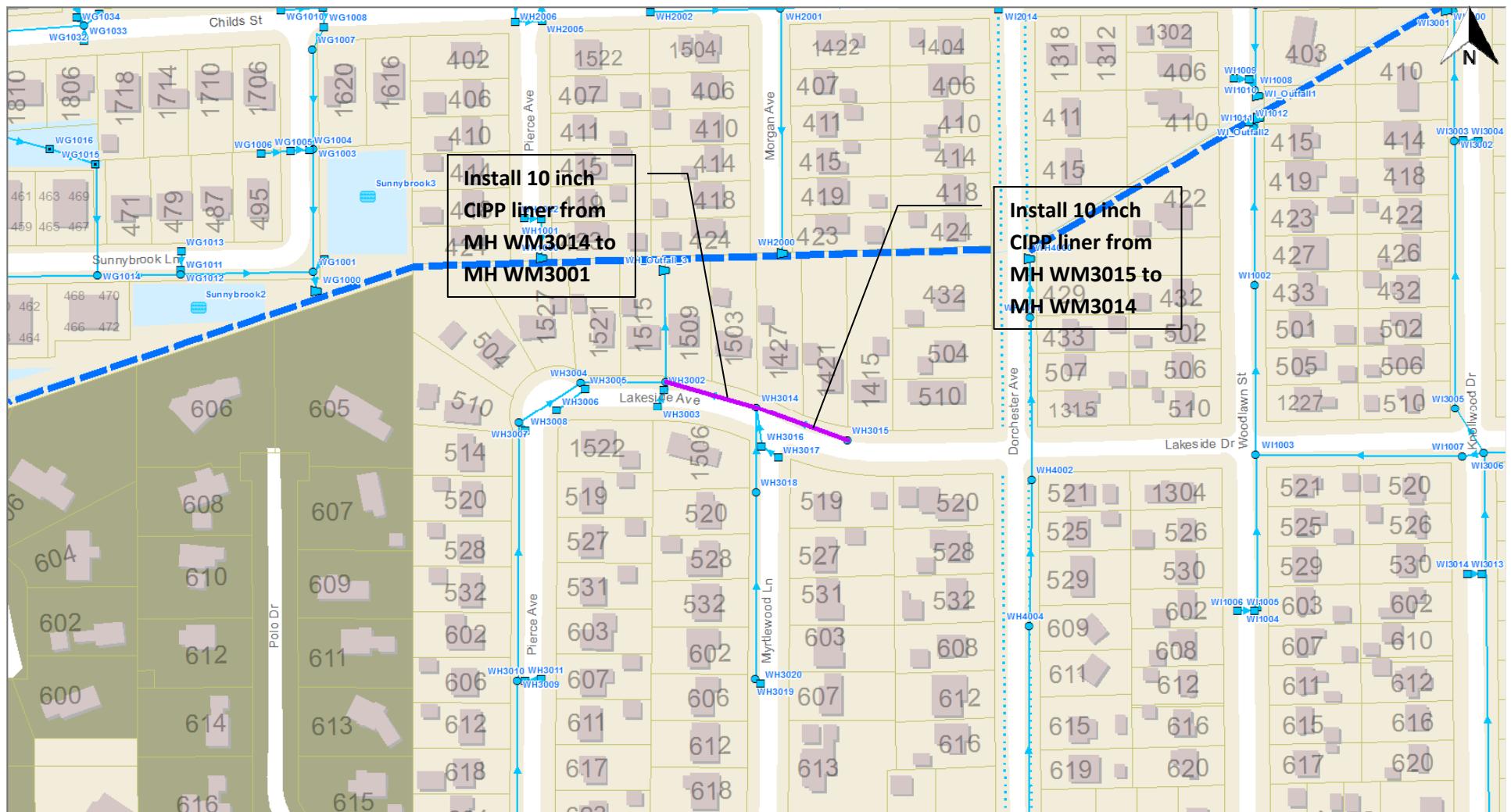


Site 6





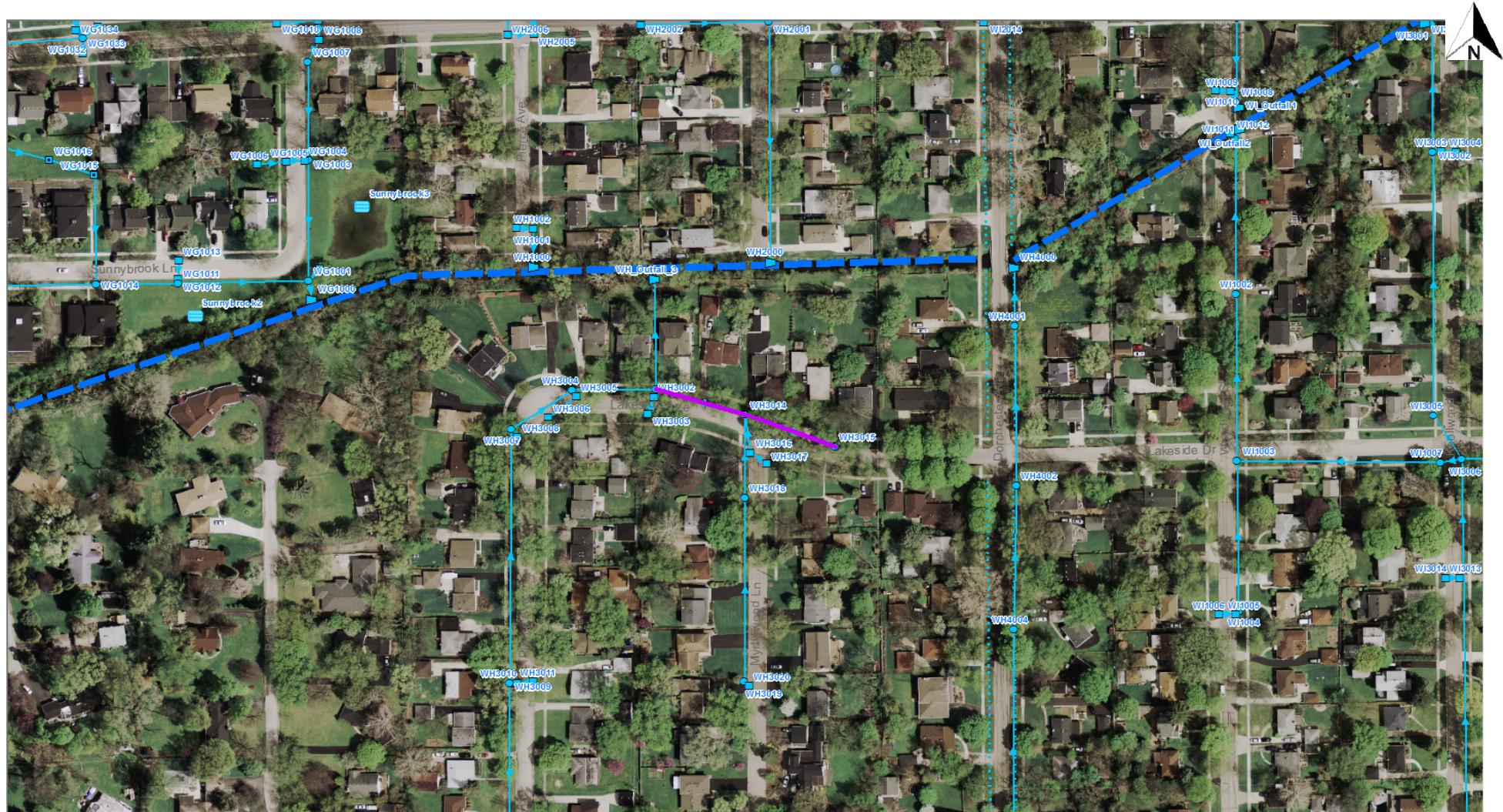
Site 7



Site 8

Note:
Contractor to install cured-in-place pipe (CIPP) liner in the storm sewer mains highlighted.

Site 8 Pipe Table: Sewer Mains to be Rehabilitated			
US MH	DS MH	Pipe Dia (in)	Length (ft)
WH3015	WH3014	10	152
WH3014	WH3001	10	130



Site 8



Note:
Contractor to install cured-in-place
pipe (CIPP) liner in the storm sewer
culvert highlighted.

Site 9

Site 9 Pipe Table: Sewer Mains to be Rehabilitated			
US MH	DS MH	Pipe Dia (in)	Length (ft)
SL81061	SL8106	12	50



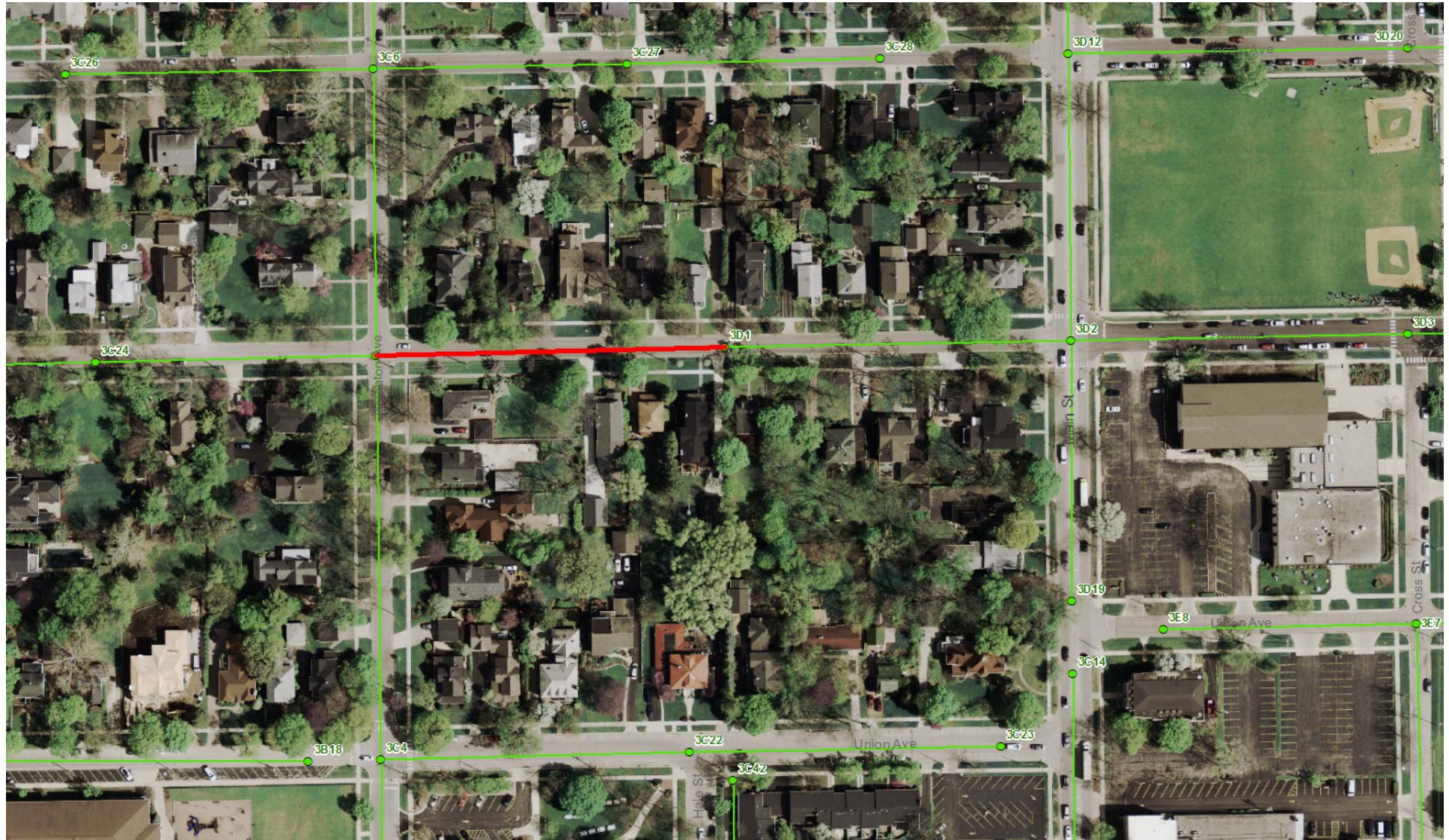
Site 9



Note:

Contractor to reinstate drop pipe on previously installed cured-in-place pipe (CIPP) liner in the sanitary sewer pipe highlighted.

Site 10



Site 10

Exhibit B – Television Inspection Reports

2016 Sewer Main Rehabilitation Project



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole 5D45	DS Manhole 5D44	Street SHELLEY	Shape CIRCULAR	Atlas Shee... 	Area
Depth US 7.7	Depth DS 7.8	Lining None	Material VCP	Sewer Type Sanitary	
Segment Length 220.51	Inspected Length 213.6	Status	Pipe Section Length 3	Diameter 8	

Cleaned NO PRE-CLEANING		Situation		Reason	
Date 20160509	Clean Date 20160509	Weather		ROUTINE INSPECTION	
Start Time 12:50		CLEAR DRY		Remark	
Operator Pappy	Loc. Details BACKLOT	Truck	Inspection Dir. DOWNSTREAM	Info	
Operator Comment	Dye Flooding	Camera COMPACT PIPE RANGER			

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
118.8 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
119.1 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
213.6 ft.	Inspection Ends Downstream					<input type="checkbox"/>			1



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole 5D44	DS Manhole 5D177	Street THOMPSON DR	Shape CIRCULAR	Atlas Shee... 	Area
Depth US 7.8	Depth DS 8.4	Lining None	Material VCP	Sewer Type Sanitary	
Segment Length 148.5395	Inspected Length 148.4	Status	Pipe Section Length 3	Diameter 8	
Cleaned NOT KNOWN		Situation		Reason ROUTINE INSPECTION	
Date 20160509	Clean Date 20160509	Weather		Remark	
Start Time 13:04		CLEAR DRY			
Operator Pappy	Loc. Details BACKLOT	Truck	Inspection Dir. DOWNSTREAM	Info	
Operator Comment	Dye Flooding		Camera COMPACT PIPE RANGER		

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
105.0 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
107.0 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
148.4 ft.	Inspection Ends Downstream					<input type="checkbox"/>			1



City of Wheaton

821 West Liberty Dr.

Wheaton IL 60187

(630) 260-2121

Defect Listing

US Manhole 5D177	DS Manhole 5D27	Street Thompson	Shape CIRCULAR	Atlas Shee... 	Area
Depth US 8.4	Depth DS 8	Lining None	Material VCP	Sewer Type Sanitary	
Segment Length 46.09571	Inspected Length 43.8	Status	Pipe Section Length 3	Diameter 8	

Cleaned NO PRE-CLEANING		Situation		Reason ROUTINE INSPECTION	
Date 20160509	Clean Date 20160509	Weather CLEAR DRY		Remark	
Start Time 13:19		Truck		Inspection Dir. DOWNSTREAM	Info
Operator Pappy	Loc. Details EASEMENT			Camera COMPACT PIPE RANGER	
Operator Comment Dye Flooding					

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
43.8 ft.	Inspection Ends Downstream					<input type="checkbox"/>			1



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole 5D27	DS Manhole 5D176	Street WADSWORTH	Shape CIRCULAR	Atlas Shee...	Area
Depth US 8	Depth DS 12.5	Lining None	Material VCP	Sewer Type Sanitary	
Segment Length 148.2499	Inspected Length 149.2	Status	Pipe Section Length 3	Diameter 8	
Cleaned	JETTING	Situation		Reason	
Date 20160516	Clean Date 20160516	Weather		ROUTINE INSPECTION	
Start Time 12:26		CLEAR DRY		Remark	
Operator Pappy	Loc. Details PARKWAY	Truck	Inspection Dir UPSTREAM	Info	
Operator Comment	Dye Flooding	Camera COMPACT PIPE RANGER			

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Downstream					<input type="checkbox"/>			1
149.2 ft.	Inspection Ends Upstream					<input type="checkbox"/>			1



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole 5D176	DS Manhole 5D26	Street WADSWORTH	Shape CIRCULAR	Atlas Shee... 	Area
Depth US 12.5	Depth DS 12.1	Lining None	Material VCP	Sewer Type Sanitary	
Segment Length 145.03	Inspected Length 146	Status	Pipe Section Length 3	Diameter 8	
Cleaned	JETTING	Situation	Reason		
Date 20160516	Clean Date 20160516	Weather	ROUTINE INSPECTION	Remark	
Start Time 12:52		CLEAR DRY			
Operator Pappy	Loc. Details BACKLOT	Truck	Inspection Dir. DOWNSTREAM	Info	
Operator Comment	Dye Flooding		Camera COMPACT PIPE RANGER		

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
29.3 ft.	Roots Medium	S01				<input checked="" type="checkbox"/>			3
42.5 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
72.7 ft.	Roots Medium	F01				<input type="checkbox"/>			3
133.7 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
146.0 ft.	Inspection Ends Downstream					<input type="checkbox"/>			1



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole 5D26	DS Manhole 5D25	Street WADSWORTH	Shape CIRCULAR	Atlas Shee... 	Area
Depth US 12.1	Depth DS 11.7	Lining None	Material VCP	Sewer Type Sanitary	
Segment Length 128.97	Inspected Length 136	Status	Pipe Section Length 3	Diameter 8	
Cleaned 	JETTING	Situation	Reason ROUTINE INSPECTION		
Date 20160516	Clean Date 20160516	Weather CLEAR DRY	Remark		
Start Time 13:05		Truck	Inspection Dir. DOWNSTREAM	Info	
Operator Pappy	Loc. Details PARKWAY		Camera COMPACT PIPE RANGER		
Operator Comment	Dye Flooding				

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
70.0 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
97.6 ft.	Grease medium	S01				<input type="checkbox"/>			1
112.5 ft.	Grease medium	F01				<input type="checkbox"/>			1
136.0 ft.	Inspection Ends Downstream					<input type="checkbox"/>			1

Television Inspection Master Report

7/6/2016

11:11 AM

US Structure: 5D25	1636	Wadsworth Rd	Date Insp:	11/30/2009	Basin:	FARNHAM
DS Structure: 5D24	1636	Wadsworth Rd	Dir Televised:	Upstream to Downstream		

Pipe Information

Shape: Round	Length Status:	Project No.: 9682
Dia/Ht Width: 8	Material: VCP	Index:
Length: 98.5	Slope: 0.437	Surface:
Pipe Sec Length 3.0		

Inspection Information

Crew: BMP	Percent Full:	Tape ID:
Weather: Light Rain	Purpose: ROAD PROGRAM	Counter Start:
Surface Cond:	Flow:	Counter Stop:
Dyed Water:		

Maintenance Prior to TV:		Point Repair: False		Manhole Replace: False
Cleaned: False	Degrease: False	Other: Hansen		
Root Cut: False	Root Chem: False			

Overall Cond: Not Evaluated

	Total	Remaining	Rating
Collapsed/Blk: N	2	2	2.0
Max Obs #: 4	0.000	0.000	0.000
Max Obs Length: 100.9	0	0	0.0

Project:	User 5:
User 2:	User 6: False
User 3:	User 7: False
User 4:	User 8: False

Obs. #	VTR Counter	Distance	Location	Description	Rating	Obsrvd (gpm)	Ratings		
							Est. (gpm)	Struct	Clean
1	0.0			Inspection Begins Upstre	1	0.000	0	0	0.000
2	17.1			Service Connection Wye	1	0.000	1	0	0.000
3	50.7			Service Connection Wye	1	0.000	1	0	0.000
4	100.9			Inspection Ends Downst	1	0.000	0	0	0.000

Television Inspection Master Report

7/6/2016

11:12 AM

US Structure: 5D24 1636 Wadsworth Rd Date Insp: 4/29/2009 Basin: FARNHAM
 DS Structure: 5D23 1628 Wadsworth Rd Dir Televised: Upstream to Downstream

Pipe Information

Shape: Round Length Status: Project No.: 9683
 Dia/Ht Width: 8 Material: VCP Index:
 Length: 102.1 Slope: 0.411 Surface:
 Pipe Sec Length 3.0

Inspection Information

Crew: BMP Percent Full: Tape ID:
 Weather: SUNNY, DRY Purpose: ANNUAL INSPECTION Counter Start: 08:00
 Surface Cond: Parkway Flow: Counter Stop:
 Dyed Water:

Maintenance Prior to TV:			
Cleaned: False	Degrease: False	Point Repair: False	Manhole Replace: False
Root Cut: False	Root Chem: False	Other: Reverse setup	

Overall Cond: Not Evaluated

Collapsed/Blk: N

Max Obs #: 4

Max Obs Length: 99.8

	Total	Remaining	Rating
Structural	0	0	0.0
Flow:	0.000	0.000	0.000
Cleaning:	0	0	0.0

Project:

User 5:

User 2:

User 6: False

User 3:

User 7: False

User 4:

User 8: False

Comments: dwn to upstream

Obs.	VTR	#	#	Counter	Distance	Location	Description	Rating	Obsrvd	Ratings		
										(gpm)	(gpm)	Est.
1					0.0		Begin D/S MH	1	0.000	0	0	0.000
							Comment: Inspection begins at downstream manhole					
2					33.7		Wye Service Connectior	1	0.000	0	0	0.000
							Comment: service connection, at 09 o'clock					
3					54.9		Wye Service Connectior	1	0.000	0	0	0.000
							Comment: service connection, at 03 o'clock					
4					99.8		End U/S Mh	1	0.000	0	0	0.000
							Comment: Inspection ends at upstream manhole					

Television Inspection Master Report

7/6/2016

11:13 AM

US Structure: 5D23 1628 Wadsworth Rd Date Insp: 4/29/2009 Basin: FARNHAM
 DS Structure: 5D22 1596 Wadsworth Rd Dir Televised: Upstream to Downstream

Pipe Information

Shape: Round Length Status: Project No.: 9684
 Dia/Ht Width: 8 Material: VCP Index:
 Length: 332.2 Slope: 0.409 Surface:

Pipe Sec Length 3.0

Inspection Information

Crew: BMP Percent Full: Tape ID:
 Weather: Clear Dry Purpose: ANNUAL INSPECTION Counter Start:
 Surface Cond: Flow: Counter Stop:
 Dyed Water:

Maintenance Prior to TV:

Cleaned: False	Degrease: False	Point Repair: False	Manhole Replace: False
Root Cut: False	Root Chem: False	Other: No Pre-Cleaning	

Overall Cond: Not Evaluated

Collapsed/Blk: N

Max Obs #: 8

Max Obs Length: 327.1

	Total	Remaining	Rating
Structural:	25	25	7.6
Flow:	0.500	0.500	0.153
Cleaning:	0	0	0.0

Project:

User 5:

User 2:

User 6: False

User 3:

User 7: False

User 4:

User 8: False

Obs. #	VTR Counter	Distance	Location	Description	Rating	Obsrvd (gpm)	Ratings			
							Est. (gpm)	Struct	Clean	Remain (gpm)
1		0.0		Inspection Begins Upstre	1	0.000	0	0	0	0.000
2		71.3		Service Connection Wye	1	0.000	1	0	0	0.000
3		116.6		Service Connection Infilt	2	0.500	20	0	0	0.500
4		162.4		Service Connection Wye	1	0.000	1	0	0	0.000
5		223.4		Service Connection Wye	1	0.000	1	0	0	0.000
6		257.0		Service Connection Wye	1	0.000	1	0	0	0.000
7		314.4		Service Connection Wye	1	0.000	1	0	0	0.000
8		327.1		Inspection Ends Downst	1	0.000	0	0	0	0.000

Television Inspection Master Report

7/6/2016

11:14 AM

US Structure: 5D21 1578 Wadsworth Rd Date Insp: 4/29/2009 Basin: FARNHAM
 DS Structure: 5D7 1574 Wadsworth Rd Dir Televised: Upstream to Downstream

Pipe Information

Shape: Round Length Status: Project No.: 9708
 Dia/Ht Width: 10 Material: VCP Index:
 Length: 152.1 Slope: 0.401 Surface:
 Pipe Sec Length 3.0

Inspection Information

Crew: BMP Percent Full: Tape ID:
 Weather: Clear Dry Purpose: ANNUAL INSPECTION Counter Start:
 Surface Cond: Flow: Counter Stop:
 Dyed Water:

Maintenance Prior to TV:

Cleaned: False	Degrease: False	Point Repair: False	Manhole Replace: False
Root Cut: False	Root Chem: False	Other: No Pre-Cleaning	

Overall Cond: Not Evaluated

Collapsed/Blk: N

Max Obs #: 5

Max Obs Length: 145.5

	Total	Remaining	Rating
Structural:	3	3	2.1
Flow:	0.000	0.000	0.000
Cleaning:	0	0	0.0

Project:

User 5:

User 2:

User 6: False

User 3:

User 7: False

User 4:

User 8: False

Obs. #	VTR Counter	Distance	Location	Description	Rating	Obsrvd (gpm)	Ratings		
							Est. (gpm)	Struct	Clean
1	0.0			Inspection Begins Upstre	1	0.000	0	0	0.000
2	42.6			Service Connection Wye	1	0.000	1	0	0.000
3	73.9			Service Connection Wye	1	0.000	1	0	0.000
4	76.1			Service Connection Wye	1	0.000	1	0	0.000
5	145.5			Inspection Ends Downst	1	0.000	0	0	0.000



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole 6C21	DS Manhole 6C20	Street PERSHING	Shape CIRCULAR	Atlas Shee...	Area
Depth US 5.7	Depth DS 5.2	Lining None	Material VCP	Sewer Type Sanitary	
Segment Length 333.18	Inspected Length 343.3	Status	Pipe Section Length 3	Diameter 12	
Cleaned JETTING		Situation	Reason ROUTINE INSPECTION		
Date 20160721	Clean Date 20160721	Weather	Remark		
Start Time 13:13					
Operator Pappy	Loc. Details STREET	Truck	Inspection Dir. UPSTREAM	Info	
Operator Comment	Dye Flooding		Camera COMPACT PIPE RANGER		

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Downstream					<input type="checkbox"/>			1
11.5 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
20.9 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
34.5 ft.	Material Change to PVC					<input type="checkbox"/>			1
37.6 ft.	Material Change to VCP					<input type="checkbox"/>			1
44.7 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
54.6 ft.	Service Connection Capped					<input type="checkbox"/>	9		1
67.8 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
74.9 ft.	Service Connection Capped					<input type="checkbox"/>	3		1
91.4 ft.	Hand Tap Protruding			1		<input type="checkbox"/>	3		1
Remarks: Capped 30' from main after launching									
105.6 ft.	Service Connection Capped					<input type="checkbox"/>	9		1
122.0 ft.	Hand Tap					<input type="checkbox"/>	9		1
125.1 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
172.4 ft.	Hand Tap					<input type="checkbox"/>	3		1
174.3 ft.	Service Connection Capped					<input type="checkbox"/>	9		1
176.6 ft.	Hand Tap					<input type="checkbox"/>	9		1
176.7 ft.	Service Connection Capped					<input type="checkbox"/>	3		1
224.3 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
226.0 ft.	Hand Tap					<input type="checkbox"/>	9		1
226.6 ft.	Service Connection Capped					<input type="checkbox"/>	9		1
273.7 ft.	Service Connection Capped					<input type="checkbox"/>	3		1
276.4 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
278.9 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
343.3 ft.	Inspection Ends Upstream					<input type="checkbox"/>			1



City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

Defect Listing

US Manhole	DS Manhole	Street	Shape	Atlas Shee...	Area
6C20	6C2	Pershing Av	CIRCULAR		
Depth US 5.2	Depth DS 5.12	Lining None	Material VCP	Sewer Type Sanitary	
Segment Length 336.21	Inspected Length 340.2	Status	Pipe Section Length 3		Diameter 12

Cleaned		JETTING		Situation		Reason	
Date	20160721	Clean Date	20160721			ROUTINE INSPECTION	
Start Time	13:39			Weather		Remark	
Operator	Loc. Details			Truck	Inspection Dir.	Info	
Pappy	STREET			DOWNSTREAM			
Operator Comment	Dye Flooding			Camera			
		COMPACT PIPE RANGER					

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
10.8 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
55.0 ft.	Service Connection Capped					<input type="checkbox"/>	3		1
71.1 ft.	Hand Tap					<input type="checkbox"/>	3		1
75.2 ft.	Hand Tap					<input type="checkbox"/>	9		1
98.6 ft.	Hand Tap					<input type="checkbox"/>	2		1
110.0 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
114.4 ft.	Service Connection Capped					<input type="checkbox"/>	3		1
117.2 ft.	Hand Tap					<input type="checkbox"/>	9		1
124.9 ft.	Service Connection Capped					<input type="checkbox"/>	9		1
156.0 ft.	Hand Tap					<input type="checkbox"/>	3		1
158.8 ft.	Hand Tap					<input type="checkbox"/>	9		1
174.4 ft.	Service Connection Capped					<input type="checkbox"/>	3		1
177.0 ft.	Service Connection Capped					<input type="checkbox"/>	9		1
226.7 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
229.0 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
278.6 ft.	Service Connection Capped					<input type="checkbox"/>	3		1
281.1 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
321.7 ft.	Material Change to PVC					<input type="checkbox"/>			1
327.1 ft.	Material Change to VCP					<input type="checkbox"/>			1
335.1 ft.	Sag Begins					<input type="checkbox"/>			1
340.2 ft.	Inspection Ends Downstream					<input type="checkbox"/>			1



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole 6C2	DS Manhole 6C1	Street Pershing	Shape CIRCULAR	Atlas Shee...	Area
Depth US 5.12	Depth DS 8.3	Lining None	Material VCP	Sewer Type Sanitary	
Segment Length 372.23	Inspected Length 276	Status	Pipe Section Length 3	Diameter 12	
Cleaned JETTING		Situation	Reason ROUTINE INSPECTION		
Date 20160801	Clean Date 20160801	Weather CLEAR DRY	Remark		
Start Time 07:58		Truck	Inspection Dir. DOWNSTREAM	Info	
Operator Pappy	Loc. Details STREET		Camera LAMP II LATERAL		
Operator Comment	Dye Flooding				

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
42.2 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
61.6 ft.	Service Connection Capped					<input type="checkbox"/>	3		1
64.6 ft.	Service Connection Capped					<input type="checkbox"/>	9		1
113.7 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
119.2 ft.	Service Connection Capped					<input type="checkbox"/>	3		1
161.0 ft.	Hand Tap					<input type="checkbox"/>	9		1
174.4 ft.	Service Connection Capped					<input type="checkbox"/>	3		1
180.4 ft.	Material Change to PVC					<input type="checkbox"/>			1
183.5 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
189.2 ft.	Material Change to VCP					<input type="checkbox"/>			1
192.4 ft.	Hand Tap					<input type="checkbox"/>	9		1
208.4 ft.	Service Connection Capped					<input type="checkbox"/>	9		1
223.3 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
229.5 ft.	Service Connection Capped					<input type="checkbox"/>	3		1
266.3 ft.	Service Connection Capped					<input type="checkbox"/>	9		1
269.1 ft.	Hand Tap					<input type="checkbox"/>	3		1
274.5 ft.	Hand Tap Protruding			2		<input type="checkbox"/>	9		1
276.0 ft.	Inspection Abandoned					<input type="checkbox"/>			1

Remarks: can't get passed projector will reverse



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole 6C2	DS Manhole 6C1	Street Pershing	Shape CIRCULAR	Atlas Shee...	Area
Depth US 5.12	Depth DS 8.3	Lining None	Material VCP	Sewer Type Sanitary	
Segment Length 372.23	Inspected Length 77	Status	Pipe Section Length 3	Diameter 12	

Cleaned JETTING		Situation		Reason ROUTINE INSPECTION	
Date 20160801	Clean Date 20160801	Weather CLEAR DRY		Remark	
Start Time 08:37		Truck		Inspection Dir. UPSTREAM	
Operator Pappy	Loc. Details STREET	Info			
Operator Comment	Dye Flooding	Camera LAMP II LATERAL			

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Downstream					<input type="checkbox"/>			1
11.7 ft.	Hand Tap					<input type="checkbox"/>	10		1
13.7 ft.	Service Connection Capped					<input type="checkbox"/>	10		1
42.2 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
71.0 ft.	Service Connection Capped					<input type="checkbox"/>	10		1
77.0 ft.	Hand Tap Protruding			2		<input type="checkbox"/>	3		1
77.0 ft.	Inspection Abandoned					<input type="checkbox"/>			1

Remarks: run complete



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole 6C1	DS Manhole 6B30	Street Pershing Av	Shape CIRCULAR	Atlas Shee...	Area
Depth US 8.3	Depth DS 8.4	Lining None	Material VCP	Sewer Type Sanitary	
Segment Length 308.2	Inspected Length 289.7	Status	Pipe Section Length 3	Diameter 12	

Cleaned		JETTING		Situation		Reason	
Date	20160726	Clean Date	20160726			ROUTINE INSPECTION	
Start Time	08:56			Weather		Remark	
Operator	Pappy	Loc. Details	STREET	Truck	Inspection Dir.	Info	
Operator Comment	Dye Flooding	Camera		COMPACT PIPE RANGER			

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
10.0 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
43.4 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
56.5 ft.	Service Connection Capped					<input type="checkbox"/>	9		1
80.1 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
102.1 ft.	Hand Tap					<input type="checkbox"/>	3		1
111.9 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
154.7 ft.	Hand Tap					<input type="checkbox"/>	3		1
160.7 ft.	Hand Tap					<input type="checkbox"/>	9		1
205.7 ft.	Hand Tap					<input type="checkbox"/>	9		1
211.0 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
212.1 ft.	Service Connection Capped					<input type="checkbox"/>	9		1
289.7 ft.	Material Change to DIP					<input type="checkbox"/>			1
Remarks: has heavy deposits									
289.7 ft.	Inspection Abandoned					<input type="checkbox"/>			1
Remarks: needs removing									



City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

Defect Listing

US Manhole SR5551	DS Manhole SR5548	Street FRONT	Shape CIRCULAR	Atlas Shee...	Area
Depth US 5	Depth DS 5	Lining	Material RCP	Sewer Type STORM	
Segment Length	Inspected Length 146.1	Status	Pipe Section Length 5	Diameter 8	
Cleaned	JETTING	Situation	Reason		
Date 20160808	Clean Date 20160808	Weather	Remark	ROUTINE INSPECTION	
Start Time 12:16		CLEAR DRY			
Operator Pappy	Loc. Details PARKWAY	Truck	Inspection Dir. DOWNSTREAM	Info	
Operator Comment	Dye Flooding	Camera	COMPACT PIPE RANGER		

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
146.1 ft.	Inspection Ends Downstream					<input type="checkbox"/>			1



City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

Defect Listing

US Manhole SR5548	DS Manhole SR5544	Street FRONT	Shape Circular	Atlas Shee...	Area
Depth US 3.5	Depth DS 7	Lining	Material RCP	Sewer Type STORM	
Segment Length	Inspected Length 184.4	Status	Pipe Section Length 5	Diameter 8	
Cleaned	JETTING	Situation	Reason		
Date 20160808	Clean Date 20160808	Weather	ROUTINE INSPECTION		
Start Time 11:07		CLEAR DRY	Remark		
Operator Pappy	Loc. Details PARKWAY	Truck	Inspection Dir. DOWNSTREAM	Info	
Operator Comment	Dye Flooding	Camera	LAMP II LATERAL		

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
184.4 ft.	Inspection Ends Downstream					<input type="checkbox"/>			1



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole PH31150	DS Manhole PH31147	Street INDIANA	Shape Circular	Atlas Shee...	Area
Depth US 6	Depth DS 6	Lining	Material VCP	Sewer Type STORM	
Segment Length	Inspected Length 242	Status	Pipe Section Length 5	Diameter 10	
Cleaned	JETTING	Situation	Reason		
Date 20160711	Clean Date 20160711	Weather	ROUTINE INSPECTION	Remark	
Start Time 11:21		Truck	Inspection Dir. DOWNSTREAM	Info	
Operator Benji	Loc. Details PARKWAY		Camera		
Operator Comment	Dye Flooding		LAMP II LATERAL		

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
31.6 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
52.4 ft.	Service Connection Capped					<input type="checkbox"/>	9		1
55.9 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
70.6 ft.	Service Connection Capped					<input type="checkbox"/>	3		1
116.2 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
134.2 ft.	Service Connection Capped					<input type="checkbox"/>	3		1
175.1 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	9		1
197.8 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	3		1
199.6 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
236.0 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
236.9 ft.	Joint Offset at Repair				25	<input type="checkbox"/>			3
242.0 ft.	Inspection Ends Downstream					<input type="checkbox"/>			1



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole PH31147	DS Manhole PH31146	Street INDIANA	Shape Circular	Atlas Shee... 	Area
Depth US 6	Depth DS 8	Lining	Material VCP	Sewer Type STORM	
Segment Length	Inspected Length 498.8	Status	Pipe Section Length 3		Diameter 10
Cleaned	ROOT CUTTING	Situation	Reason		
Date 20160504	Clean Date 20160504			ROUTINE INSPECTION	
Start Time 12:13		Weather CLEAR DRY	Remark		
Operator Pappy	Loc. Details PARKWAY	Truck	Inspection Dir. DOWNSTREAM	Info	
Operator Comment	Dye Flooding		Camera COMPACT PIPE RANGER		

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
10.3 ft.	Deformed	S02				<input type="checkbox"/>			4
17.4 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
Remarks: Blind Tie									
51.3 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
72.4 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
85.1 ft.	Service Connection Capped					<input type="checkbox"/>	3		1
113.0 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
143.6 ft.	Service Connection Capped					<input type="checkbox"/>	3		1
167.6 ft.	Hand Tap Protruding		2			<input type="checkbox"/>	9		1
172.2 ft.	Service Connection Capped					<input type="checkbox"/>	9		1
193.3 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
208.3 ft.	Service Connection Capped					<input type="checkbox"/>	3		1
231.1 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
260.8 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
291.4 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
295.6 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
353.2 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
367.2 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
419.8 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
471.7 ft.	Service Connection Wye					<input type="checkbox"/>	2		1
478.4 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
498.0 ft.	Deformed	F02				<input type="checkbox"/>			4
498.8 ft.	Inspection Ends Downstream					<input type="checkbox"/>			1



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole PH31146	DS Manhole PH31142	Street INDIANA	Shape Circular	Atlas Shee...	Area
Depth US 6	Depth DS 6	Lining	Material VCP	Sewer Type STORM	
Segment Length	Inspected Length 73.6	Status	Pipe Section Length 5		Diameter 10

Cleaned		JETTING		Situation	Reason	
Date	20160711	Clean Date	20160711		ROAD PROGRAM	
Start Time	07:58			Weather	Remark	
Operator	Loc. Details	Truck	Inspection Dir.		Info	
Benji	PARKWAY			DOWNSTREAM		
Operator Comment	Dye Flooding			Camera		
		LAMP II LATERAL				

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
4.5 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
8.1 ft.	Roots Medium					<input checked="" type="checkbox"/>	12	12	3
26.2 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
73.6 ft.	Hand Tap Protruding			2		<input type="checkbox"/>	3		1
73.6 ft.	Inspection Abandoned					<input type="checkbox"/>			1

Remarks: can't pass due to hand tap



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole PH31146	DS Manhole PH31142	Street INDIANA	Shape Circular	Atlas Shee...	Area
Depth US 6	Depth DS 6	Lining	Material VCP	Sewer Type STORM	
Segment Length	Inspected Length 323	Status	Pipe Section Length 5		Diameter 10

Cleaned		JETTING		Situation		Reason	
Date	20160711	Clean Date	20160711			ROUTINE INSPECTION	
Start Time	08:30			Weather		Remark	
Operator	Loc. Details			Truck	Inspection Dir.	Info	
Benji	PARKWAY			UPSTREAM			
Operator Comment	Dye Flooding			Camera			
		LAMP II LATERAL					

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Downstream					<input type="checkbox"/>			1
32.2 ft.	Hand Tap Protruding					<input type="checkbox"/>	3		1
Remarks: blind tie									
33.0 ft.	Joint Offset at Repair				30	<input type="checkbox"/>			3
Remarks: 10 inch threaded into 12 inch offset with a void									
40.3 ft.	Material Change to PVC					<input type="checkbox"/>			1
50.4 ft.	Material Change to VCP					<input type="checkbox"/>			1
124.9 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
145.8 ft.	Material Change to Truss					<input type="checkbox"/>			1
149.6 ft.	Material Change to VCP					<input type="checkbox"/>			1
176.6 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
Remarks: incert a T									
195.3 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
195.3 ft.	Service Connection Capped					<input type="checkbox"/>	9		1
245.7 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
269.0 ft.	Service Connection Capped					<input type="checkbox"/>	9		1
305.7 ft.	Material Change to PVC					<input type="checkbox"/>			1
314.1 ft.	Material Change to VCP					<input type="checkbox"/>			1
317.6 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
323.0 ft.	Hand Tap Protruding			2		<input type="checkbox"/>	9		1
Remarks: line complete									
323.0 ft.	Inspection Abandoned					<input type="checkbox"/>			1
Remarks: hand tap									



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole SR5016	DS Manhole SR5015	Street WHEATON	Shape Circular	Atlas Shee...	Area
Depth US N/A	Depth DS 4	Lining	Material VCP	Sewer Type STORM	
Segment Length	Inspected Length 224.8	Status	Pipe Section Length 3		Diameter 10
Cleaned	ROOT CUTTING	Situation	Reason		
Date 20160505	Clean Date 20160505	Weather	ROUTINE INSPECTION		
Start Time 12:51		CLEAR DRY	Remark		
Operator Pappy	Loc. Details PARKWAY	Truck	Inspection Dir. UPSTREAM		Info
Operator Comment	Dye Flooding		Camera COMPACT PIPE RANGER		

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Downstream					<input type="checkbox"/>			1
224.8 ft.	Inspection Ends Upstream					<input type="checkbox"/>			1



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole SR5015	DS Manhole SR5011	Street WHEATON	Shape Circular	Atlas Shee... 	Area
Depth US 5	Depth DS 7	Lining	Material VCP	Sewer Type STORM	
Segment Length	Inspected Length 299.4	Status	Pipe Section Length 3	Diameter 12	

Cleaned HEAVY CLEANING		Situation		Reason ROUTINE INSPECTION	
Date 20160511	Clean Date 20160511	Weather CLEAR DRY		Remark	
Start Time 11:31		Truck		Inspection Dir. DOWNSTREAM	Info
Operator Pappy	Loc. Details PARKWAY			Camera COMPACT PIPE RANGER	
Operator Comment Dye Flooding					

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
140.4 ft.	Spot Repair					<input type="checkbox"/>			1
Remarks: Really !!									
274.1 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
299.4 ft.	Inspection Ends Downstream					<input type="checkbox"/>			1



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole WM2048	DS Manhole WM2009	Street MADISON	Shape Circular	Atlas Shee... STORM	Area
Depth US 6.1	Depth DS 7	Lining	Material RCP	Sewer Type	STORM
Segment Length	Inspected Length 125	Status	Pipe Section Length 3	Diameter	15
Cleaned	ROOT CUTTING	Situation	Reason		
Date 20160802	Clean Date 20160802	Weather	ROUTINE INSPECTION	Remark	
Start Time 12:13		CLEAR DRY			
Operator Pappy	Loc. Details STREET	Truck	Inspection Dir. DOWNSTREAM	Info	
Operator Comment	Dye Flooding		Camera LAMP II LATERAL		

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
17.3 ft.	Hand Tap					<input type="checkbox"/>	9		1
Remarks: Blind connection									
125.0 ft.	Inspection Abandoned					<input type="checkbox"/>			1
Remarks: Blind Connection Protrudes into main									



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole WM2048	DS Manhole WM2009	Street MADISON	Shape Circular	Atlas Shee... STORM	Area 15
Depth US 6.1	Depth DS 7	Lining	Material RCP	Sewer Type STORM	
Segment Length	Inspected Length 147.6	Status	Pipe Section Length 3		Diameter 15
Cleaned ROOT CUTTING		Situation		Reason ROUTINE INSPECTION	
Date 20160802	Clean Date 20160802	Weather CLEAR DRY		Remark	
Start Time 12:39		Truck	Inspection Dir. UPSTREAM	Info	
Operator Pappy	Loc. Details STREET		Camera LAMP II LATERAL		
Operator Comment	Dye Flooding				

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Downstream					<input type="checkbox"/>			1
147.6 ft.	Hand Tap Protruding			6		<input type="checkbox"/>	9		1



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole PH3973	DS Manhole PH3972	Street WILSON	Shape Circular	Atlas Shee... 	Area
Depth US 6	Depth DS 6	Lining	Material VCP	Sewer Type STORM	
Segment Length	Inspected Length 318.3	Status	Pipe Section Length 5	Diameter 10	

Cleaned	JETTING		Situation		Reason
Date	20160630	Clean Date	20160630	ROUTINE INSPECTION	
Start Time	12:59	Weather		Remark	
Operator Benji	Loc. Details PARKWAY	Truck		Inspection Dir. DOWNSTREAM	Info
Operator Comment	Dye Flooding	Camera LAMP II LATERAL			

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
40.8 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
43.4 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
92.9 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
95.8 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
142.9 ft.	Service Connection Roots Medium					<input type="checkbox"/>	3		1
145.4 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
191.9 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
193.5 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
196.4 ft.	Service Connection Capped					<input type="checkbox"/>	3		1
199.0 ft.	Service Connection Capped					<input type="checkbox"/>	9		1
240.6 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
243.3 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
277.4 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	3		1
279.8 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	9		1
306.9 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
308.8 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
318.3 ft.	Inspection Ends Downstream					<input type="checkbox"/>			1



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole PH3972	DS Manhole PH3971	Street WILSON	Shape Circular	Atlas Shee...	Area
Depth US 6	Depth DS 6	Lining	Material VCP	Sewer Type STORM	
Segment Length	Inspected Length 296.7	Status	Pipe Section Length 5		Diameter 10
Cleaned	JETTING	Situation		Reason CAPITOL IMPROVEMENT PROGRAM	
Date 20160706	Clean Date 20160706	Weather CLEAR DRY		Remark	
Start Time 12:33		Truck	Inspection Dir DOWNSTREAM	Info	
Operator Pappy	Loc. Details PARKWAY		Camera LAMP II LATERAL		
Operator Comment	Dye Flooding				

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
22.4 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
25.3 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
73.4 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
76.4 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
135.0 ft.	Service Connection Wye					<input type="checkbox"/>	2		1
137.9 ft.	Service Connection Wye					<input type="checkbox"/>	10		1
179.9 ft.	Service Connection Wye					<input type="checkbox"/>	2		1
182.6 ft.	Service Connection Wye					<input type="checkbox"/>	10		1
227.4 ft.	Service Connection Wye					<input type="checkbox"/>	2		1
229.6 ft.	Service Connection Wye					<input type="checkbox"/>	10		1
296.7 ft.	Inspection Ends Downstream					<input type="checkbox"/>			1



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole PH3971	DS Manhole PH3970	Street WILSON	Shape Circular	Atlas Shee...	Area
Depth US 11	Depth DS 5.5	Lining	Material VCP	Sewer Type STORM	
Segment Length	Inspected Length 320.2	Status	Pipe Section Length 3		Diameter 12
Cleaned	JETTING	Situation	Reason		
Date 20160707	Clean Date 20160707	Weather	ROUTINE INSPECTION	Remark	
Start Time 08:11		Truck	Inspection Dir. DOWNSTREAM	Info	
Operator Benji	Loc. Details PARKWAY		Camera LAMP II LATERAL		
Operator Comment	Dye Flooding				

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
45.7 ft.	Service Connection Wye					<input type="checkbox"/>	1		1
48.2 ft.	Service Connection Wye					<input type="checkbox"/>	12		1
49.7 ft.	Roots Medium	S02				<input type="checkbox"/>			3
63.5 ft.	Service Connection Capped					<input type="checkbox"/>	12		1
97.0 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	1		1
101.4 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	11		1
149.0 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	1		1
152.0 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	11		1
196.7 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
196.9 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	9		1
197.2 ft.	Collapsed Pipe					<input type="checkbox"/>			5
Remarks: partial linable									
201.4 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	1		1
204.2 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	11		1
251.6 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	2		1
253.8 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	11		1
303.0 ft.	Roots Medium	F02				<input type="checkbox"/>			3
303.9 ft.	Roots Medium	S01				<input type="checkbox"/>			3
304.8 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	1		1
307.3 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	11		1
320.0 ft.	Roots Medium	F01				<input type="checkbox"/>			3
320.2 ft.	Inspection Ends Downstream					<input type="checkbox"/>			1



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole PH3970	DS Manhole PH3967	Street WILSON	Shape Circular	Atlas Shee...	Area
Depth US 6	Depth DS 6	Lining	Material VCP	Sewer Type STORM	
Segment Length	Inspected Length 298.5	Status	Pipe Section Length 5	Diameter 10	
Cleaned	JETTING	Situation	Reason		
Date 20160707	Clean Date 20160707	Weather	ROUTINE INSPECTION	Remark	
Start Time 11:14					
Operator Benji	Loc. Details PARKWAY	Truck	Inspection Dir. DOWNSTREAM	Info	
Operator Comment	Dye Flooding		Camera LAMP II LATERAL		

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
22.4 ft.	Service Connection Wye					<input type="checkbox"/>	1		1
25.0 ft.	Service Connection Wye					<input type="checkbox"/>	11		1
70.3 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	1		1
70.3 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
79.5 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	1		1
82.5 ft.	Service Connection Capped					<input type="checkbox"/>	11		1
126.9 ft.	Service Connection Wye					<input type="checkbox"/>	1		1
129.1 ft.	Service Connection Wye					<input type="checkbox"/>	11		1
186.9 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	1		1
189.8 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	11		1
194.0 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
196.4 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
233.3 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	3		1
236.0 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	9		1
285.1 ft.	Service Connection Wye					<input type="checkbox"/>	2		1
287.6 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
298.5 ft.	Inspection Ends Downstream					<input type="checkbox"/>			1



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole PH3967	DS Manhole PH3956	Street WILSON	Shape Circular	Atlas Shee... 	Area
Depth US 6	Depth DS 6	Lining	Material VCP	Sewer Type STORM	
Segment Length	Inspected Length 51.1	Status	Pipe Section Length 5		Diameter 12

Cleaned JETTING		Situation		Reason ROUTINE INSPECTION
Date 20160711	Clean Date 20160711	Weather		Remark
Start Time 12:33				
Operator Benji	Loc. Details STREET	Truck	Inspection Dir. DOWNSTREAM	Info
Operator Comment	Dye Flooding		Camera LAMP II LATERAL	

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
51.1 ft.	Inspection Ends Downstream					<input type="checkbox"/>			1



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole PH3964	DS Manhole PH3961	Street WILSON	Shape Circular	Atlas Shee... 	Area
Depth US 6	Depth DS 6	Lining	Material VCP	Sewer Type STORM	
Segment Length	Inspected Length 61	Status	Pipe Section Length 5		Diameter 10
Cleaned	ROOT CUTTING	Situation	Reason		
Date 20160630	Clean Date 20160630			MAINTENANCE RELATED	
Start Time 12:05		Weather	Remark		
Operator Benji	Loc. Details PARKWAY	Truck	Inspection Dir. DOWNSTREAM	Info	
Operator Comment	Dye Flooding		Camera LAMP II LATERAL		

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
42.0 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
44.5 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	3		1
61.0 ft.	Inspection Ends Upstream					<input type="checkbox"/>			1



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole PH3961	DS Manhole PH3958	Street WILSON	Shape Circular	Atlas Shee...	Area
Depth US 6	Depth DS 6.5	Lining	Material VCP	Sewer Type STORM	
Segment Length	Inspected Length 303.1	Status	Pipe Section Length 3	Diameter 10	

Cleaned		ROOT CUTTING		Reason	
Date	20160630	Clean Date	20160630	POST SEWER CALL	
Start Time	08:44	Weather		Remark	
Operator Benji	Loc. Details PARKWAY	Truck	Inspection Dir. DOWNSTREAM	Info	
Operator Comment	Dye Flooding	Camera LAMP II LATERAL			

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
20.5 ft.	Fracture Multiple	S01				<input type="checkbox"/>	12		3
26.9 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
29.4 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
60.9 ft.	Fracture Multiple	F01				<input type="checkbox"/>	12		3
77.5 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
80.0 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
125.9 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	9		1
128.5 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	3		1
179.2 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	9		1
182.1 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
229.1 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	9		1
232.0 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
281.2 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
284.7 ft.	Service Connection Wye					<input type="checkbox"/>	3		1
303.1 ft.	Inspection Ends Downstream					<input type="checkbox"/>			1



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole PH3958	DS Manhole PH3956	Street WILSON	Shape Circular	Atlas Shee...	Area
Depth US 6	Depth DS 6	Lining	Material VCP	Sewer Type STORM	
Segment Length	Inspected Length 127.7	Status	Pipe Section Length 5		Diameter 10

Cleaned		JETTING		Situation	Reason
Date	20160630	Clean Date	20160630	MAINTENANCE RELATED	
Start Time	12:22	Weather		Remark	
Operator Benji	Loc. Details PARKWAY	Truck		Inspection Dir. DOWNSTREAM	Info
Operator Comment	Dye Flooding	Camera LAMP II LATERAL			

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
25.1 ft.	Service Connection Wye					<input type="checkbox"/>	10		1
27.9 ft.	Service Connection Wye					<input type="checkbox"/>	2		1
77.7 ft.	Service Connection Wye					<input type="checkbox"/>	9		1
80.6 ft.	Service Connection Roots Heavy					<input type="checkbox"/>	3		1
127.7 ft.	Inspection Ends Downstream					<input type="checkbox"/>			1



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole WH3015	DS Manhole WH3014	Street LAKESIDE	Shape Circular	Atlas Shee... 	Area
Depth US 4.4	Depth DS 4.4	Lining	Material RCP	Sewer Type STORM	
Segment Length	Inspected Length 142.7	Status	Pipe Section Length 5	Diameter 10	

Cleaned	JETTING		Situation	Reason	
Date 20160628	Clean Date 20160628			ROUTINE INSPECTION	
Start Time 08:31			Weather	Remark	
Operator Benji	Loc. Details PARKWAY		Truck	Inspection Dir. DOWNSTREAM	Info
Operator Comment	Dye Flooding			Camera LAMP II LATERAL	

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
8.2 ft.	Roots Heavy					<input type="checkbox"/>	8	4	4
20.5 ft.	Roots Heavy	S01				<input type="checkbox"/>	8	4	4
130.3 ft.	Broken Pipe					<input type="checkbox"/>	12	12	3
137.8 ft.	Roots Heavy	F01				<input type="checkbox"/>	8	4	4
142.7 ft.	Inspection Ends Downstream					<input type="checkbox"/>			1

Remarks: block manhole needs rr



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole WH3014	DS Manhole WH3001	Street LAKESIDE	Shape Circular	Atlas Shee...	Area
Depth US 4.4	Depth DS 6	Lining	Material RCP	Sewer Type STORM	
Segment Length	Inspected Length 106	Status	Pipe Section Length 5		Diameter 10
Cleaned	JETTING	Situation		Reason ROUTINE INSPECTION	
Date 20160628	Clean Date 20160628	Weather		Remark	
Start Time 08:58		Truck		Inspection Dir. DOWNSTREAM	Info
Operator Benji	Loc. Details PARKWAY			Camera LAMP II LATERAL	
Operator Comment	Dye Flooding				

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Upstream					<input type="checkbox"/>			1
103.3 ft.	Joint Offset at Repair				10	<input type="checkbox"/>			3
106.0 ft.	Inspection Abandoned					<input type="checkbox"/>			1
Remarks: cant get passed offset									



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole WH3014	DS Manhole WH3001	Street LAKESIDE	Shape Circular	Atlas Shee...	Area
Depth US 4.4	Depth DS 6	Lining	Material RCP	Sewer Type STORM	
Segment Length	Inspected Length 20.3	Status	Pipe Section Length 5		Diameter 10

Cleaned		JETTING		Situation	Reason
Date	20160628	Clean Date	20160628	ROUTINE INSPECTION	
Start Time	11:13	Weather		Remark	
Operator Benji	Loc. Details PARKWAY	Truck		Inspection Dir. UPSTREAM	Info
Operator Comment	Dye Flooding	Camera LAMP II LATERAL			

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Downstream					<input type="checkbox"/>			1
20.2 ft.	Obstruction					<input type="checkbox"/>			5
Remarks: utility runs threw pipe									
20.3 ft.	Inspection Abandoned					<input type="checkbox"/>			1
Remarks: utility running threw line - will be reomoved by owner									



Defect Listing

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US Manhole SL81061	DS Manhole SL8106	Street PLAMONDON	Shape Circular	Atlas Shee...	Area
Depth US 3	Depth DS 3	Lining	Material OPEN	Sewer Type STORM	
Segment Length	Inspected Length 46.2	Status	Pipe Section Length 12		Diameter 12

Cleaned NO PRE-CLEANING		Situation		Reason MAINTENANCE RELATED	
Date 20160727	Clean Date 20160727	Weather		Remark	
Start Time 07:42		Truck		Inspection Dir. UPSTREAM	
Operator Pappy	Loc. Details STREET	Info			
Operator Comment	Dye Flooding	Camera LAMP II LATERAL			

Distance	Condition	Cont. Dfct.	Values			Joint	Clock Position		Grade
			1st	2nd	%		At/From	To	
0.0 ft.	Inspection Begins Downstream					<input type="checkbox"/>			1
46.2 ft.	Inspection Ends Upstream					<input type="checkbox"/>			1



Project Summary

City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

US MH	DS MH	Pipe ID	Date	Street	Material	Size	Total	Insp

Pipe Size: 12

Total Ln.: 0

Inspected Ln.: 0

Project Total Ln.: **0.0**

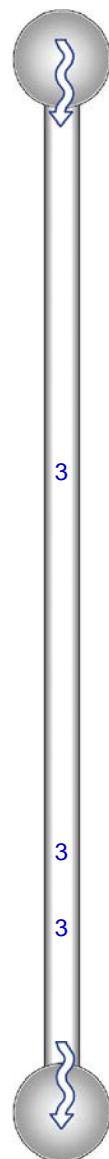
Project Inspected Ln.: **0.0**



City of Wheaton
821 West Liberty Dr.
Wheaton IL 60187
(630) 260-2121

Defect Listing Plot Left

US Manhole 3D1	DS Manhole 3C5	Street FRANKLIN	Shape Circular	Atlas Shee...	Area
Depth US 6	Depth DS 15	Lining CURED IN PLACE	Material VCP	Sewer Type SANITARY	
Segment Length	Inspected Length 395.7	Status	Pipe Section Length 3		Diameter
Cleaned	NO PRE-CLEANING		Reason		
Date 20120925	Clean Date	CAPITOL IMPROVEMENT PROGRAM		Remark	
Start Time 12:12		Weather CLEAR DRY			
Operator Gramps	Loc. Details STREET	Truck	Inspection Dir. DOWNSTREAM	Info	
Operator Comment	Dye Flooding	Camera PATHFINDER			



3D1

	Code:	Continuous:	Pos:	Val 1 / 2 :	% :	Gallons:
0.0 ft.	Inspection Begins Upstream					
0.0 ft.	Service Connection Wye address 125 w. franklin service in manhole		3	0		
12.2 ft.	Service Connection Wye address 200 w. Franklin		9	0		
22.6 ft.	Service Connection Wye address 201 W. Franklin		3	0		
59.5 ft.	Dye Test Posotive Service With Infiltration address 206 W. Franklin		9	1		
80.6 ft.	Service Connection Wye address 207 W. Franklin		3	0		
132.5 ft.	Dye Test Interstitial Space With Infiltration address 208 W. Franklin		9	1		
161.7 ft.	Service Connection Wye 208 W. Franklin		9	0		
182.9 ft.	Dye Test Interstitial Space With Infiltration 211 W. Franklin		2	0		
264.5 ft.	Dye Test Posotive Service With Infiltration address 219 W. Franklin		4	10		
269.9 ft.	Dye Test Posotive Service With Infiltration address 427 N. Wheaton		10	5		
395.7 ft.	Inspection Ends Downstream					

3C5

PROPOSAL: SEWER MAIN REHABILITATION 2016

Based on Amendment # _____ dated _____

PLEASE SUBMIT 2 Original Proposals AS FOLLOWS:

*This Page, followed by
Certification of Compliance followed by
Contractor Submittal Requirements followed by*

Please do not submit perforated pages, nor bind your proposal in anything other than paper clips.

We hereby agree to furnish and deliver to the City of Wheaton, in accordance with the Terms and Conditions, Specifications, and Contract Requirements as follows:

Item Description	Unit	Estimated Quantity	Unit Price	Total Price
Install CIPP 8" Sanitary Sewer Lining	Linear Feet	1380		
Install CIPP 10" Sanitary Sewer Lining	Linear Feet	160		
Install CIPP 12" Sanitary Sewer Lining	Linear Feet	1360		
Install CIPP 8" Storm Sewer Lining	Linear Feet	340		
Install CIPP 10" Storm Sewer Lining	Linear Feet	2550		
Install CIPP 12" Storm Sewer Lining	Linear Feet	1250		
Install CIPP 15" Storm Sewer Lining	Linear Feet	291		
Reinstate Service Lateral	Each	140		
Remove Protruding Tap from Sewer Main	Each	6		
Site 10 Drop Pipe Reinstatement	Each	1		
			Bid Total	

CERTIFICATION OF COMPLIANCE SEWER MAIN REHABILITATION 2016

The undersigned, being first duly sworn an oath, deposes and states that he/she has the authority to make this certification on behalf of the bidder for the product, commodity, or service and:

(A) The undersigned certifies that, pursuant to 720 ILCS Act 5, Article 33E of the Illinois Compiled Statutes, the bidder is not barred from bidding on this contract as a result of a conviction for the violation of State of Illinois laws prohibiting bid-rigging or bid-rotating.

(B) The undersigned certifies that, pursuant to 65 ILCS 5/11-42.1-1 of the Illinois Compiled Statutes, the bidder is not delinquent in the payment of any tax administered by the Illinois Department of Revenue.

(C) The undersigned certifies that, pursuant to 30 ILCS 580/3, Section 3 the bidder deposes, states and certifies it will provide a drug free workplace by complying to the Illinois Drug Free Workplace Act.

(D) The undersigned certifies that, pursuant to 820 ILCS 130/1-12 of the Illinois Compiled Statutes, the bidder, when required, is in compliance to all requirements of the Prevailing Wage Act.

(E) The undersigned certifies that, pursuant to 30 ILCS 570/ Section 5 Article 2 of the Illinois Compiled Statutes, the bidder is in compliance to all requirements of the Employment of Illinois Workers on Public Works Act.

(F) The undersigned certifies that they agree to fulfill all Requirements, Specifications, Terms and Conditions.

(G) The undersigned certifies that they agree to fulfill all Contract Requirements.

(H) The undersigned certifies that they agree to present alternative Greener products/processes to the City for consideration in this work.

Check One:

There are no conflicts of interest; and in the event that a conflict of interest is identified anytime during the duration of this award, or reasonable time thereafter, you, your firm, or your firm's ownership, management or staff will immediately notify the City of Wheaton in writing.

There is an affiliation or business relationship between you, your management or staff, your firm, or your firm's ownership, and an employee, officer, or elected official of the City of Wheaton who makes recommendations to the City of Wheaton with respect to expenditures of money, employment, and elected or appointed positions. Provide any and all affiliations or business relationships that might cause a conflict of interest or any potential conflict of interest. Include the name of each City of Wheaton affiliate with whom you, your firm, or your firm's ownership, management or staff, has an affiliation or a business relationship.

This Business Firm is: (check one)

a Corporation a Partnership an Individual

an LLC

Firm Name: _____

Firm Address: _____

Signature: _____

Print Name: _____

Position: _____

Phone #: _____

Fax #: _____

e-mail address: _____

Date signed: _____

Operational Contact for this work

Name: _____

Phone #: _____

e-mail: _____

Sales Contact

Name: _____

Phone #: _____

e-mail: _____

Billing Contact

Name: _____

Phone #: _____

e-mail: _____

CUSTOMIZED MAILING LABEL FOR SEALED BID

XXXXXXXX CUT OUT XXXXXXXX

Cut along outer border and affix this label to your sealed bid envelope to identify it as a "Sealed Bid".

SEALED BID – DO NOT OPEN

PROPOSAL FOR: *SEWER MAIN REHABILITATION 2016*

PROPOSAL FROM: *(Insert your company name below)*

Sealed Bid Submittals Due: November 11, 2016 10:00 a.m.
Public Bid Opening: November 11, 2016 10:00 a.m.

TO BE OPENED BY PROCUREMENT OFFICER

MAIL TO:

**Procurement Office
City of Wheaton / City Hall
P.O. BOX 0727
303 West Wesley Street
Wheaton, IL 60187-0727**

CONTRACTOR PROFILE AND SUBMITTAL REQUIREMENTS 2016 SEWER MAIN REHABILITATION PROJECT

The Contractor shall attach to this proposal:

This completed form

Evidence of Experience and Capabilities:

1. Experience as evidenced by a listing of five (5) references which demonstrate previous successful projects completed by the installer for comparable system during the last three (3) years.

Complete:

Years in business: _____ Years in business under this name: _____ Years performing this type of work: _____

2. Work History

Complete:

Value of work: completed in past 12 months: \$ _____ now under contract: \$ _____

Number of Clients: serviced in past 12 months: _____ now under contract: _____

Work Specific Knowledge and Ability

3. A certification from the product manufacturer stating that the installer has been trained and approved in the installation of the product to be used. Certification letter shall be dated within twelve (12) months of bid date.
4. Manufacturer's product literature, installation recommendations, technical data sheets for each product used, including ASTM test results indicating the product conforms to and is suitable for its intended use per these specifications.
5. Manufacturer's certification that the products to be used meet the applicable referenced standards and these specifications.
6. Attach a list of the areas of work that will be performed by a sub-contractor.

Availability and Lead Time

7. A properly executed Contractor's Qualification statement (AIA document A305).

Safe Risk

8. An Insurance Certificate as evidence that the company is insured

9. Warranty Statement

10. Answer the following questions:

Has your firm: Failed to complete a contract? Yes No

Been involved in bankruptcy or reorganization? Yes No

Pending judgment claims or suits against firm? Yes No

Have you had any: OSHA fines within the last three (3) years? Yes No

Job related fatalities within the last five (5) years? Yes No

If you have answered Yes to any of the above questions, you MUST submit, on a separate sheet, the details describing the circumstances surrounding each incident.

This number must appear
on all invoices and documents

No. C -----

**Agreement Between the City of Wheaton, Illinois
and _____**

Sewer Main Rehabilitation 2016

This Agreement is entered into by and between the City of Wheaton, an Illinois municipal corporation ("City"), 303 West Wesley Street, Wheaton, IL 60187, and ----- ("Contractor"), -----, -----

WITNESSETH:

Whereas, the City has determined that it is necessary to hire a contractor to provide labor, and/or materials and/or equipment to perform Sewer Main Rehabilitation (hereinafter the "Work") as more fully recited in the Invitation to Bid issued October 2016, which is incorporated herein as **Exhibit A** [Exhibit A will be the City Solicitation Package.]; and

Whereas, the City has heretofore requested proposals for the work, materials, and services necessary to perform the services and complete all the work as specified in Exhibit A; and

Whereas, the Contractor did submit a proposal to the City for the Work specified, which is attached hereto and incorporated herein as **Exhibit B** [Exhibit B will be the proposal.]; and

Whereas, the City did on the _____ day of _____, select the Contractor for the work specified in this Agreement and Exhibits.

Now, therefore, for in consideration of their mutual promises, terms, covenants, agreements, and conditions recited in this Agreement, the City and the Contractor hereto do hereby agree as follows:

1. Scope of Services. The Recital paragraphs are incorporated herein as substantive terms and conditions of this Agreement and as representing the intent of the Parties. Any inconsistency between the Work as stated by the City and the work as proposed by the contractor shall be controlled by the Work as stated by the City unless specifically varied in writing to the contrary in this paragraph.

The Contractor shall furnish all labor, materials, and equipment to provide and perform the Work. The Contractor represents and warrants that it shall perform the Work in a manner consistent with the level of care and skill customarily exercised by other professional contractors under similar circumstances. The contractor shall be responsible for the work performed under the Contract Documents and every part thereof, and for all materials, tools, equipment, appliances, and property of any and all description used in connection with the Work. The contractor assumes all risks for direct and indirect damage or injury to the property or persons used or employed on or in connection with the Work contracted for, and of all damage or injury to any person or property wherever located, resulting from any action, omission, commission, or operation under this contract, or in any way whatsoever with the Work.

2. Compensation. The City shall compensate the Contractor per the terms of the Contractor's proposal which is attached hereto as Exhibit B,

3. Waivers of Lien: The City reserves the right to require waivers of lien before payment where the City deems it to be in its best interest to do so.

4. Term of Agreement. This Agreement shall become effective upon the latter of the date accepted and signed by the City and the date accepted and signed by the Contractor and shall terminate upon the written approval of the City's Project Manager. The City, at its option, may extend this Agreement for an additional term if the Contractor holds firm to the original proposal prices, conditions, and specifications.

5. Time is of the Essence. Time is of the essence in the performance of all the terms and conditions of this agreement. Failure to meet stated terms may result in Liquidated Damages in the amount of \$500.00 per calendar day beyond the delivery date specified.

6. Additional Services. The Contractor shall provide only the Work specified in this Agreement and attached Exhibits. In the event the Contractor, Engineer or the City determines that additional goods and/or services are required to complete the Work, such additional goods shall not be provided and/or such additional services shall not be performed unless authorized in writing by the City via the attached change order form [[Exhibit C](#) will be the Change Order Form]. Terms, frequency, and prices for additional work shall be as mutually agreed upon in writing by the City and the Contractor.

7. Integration. The provisions set forth in this Agreement represent the entire agreement between the parties and supersede all prior agreements, contracts, promises, and representations, as it is the intent of the parties to provide for a complete integration within the terms of this Agreement. This Agreement may be modified only by a further written agreement between the parties, and no modification shall be effective unless properly approved and signed by each party via change order or amendment. No course of conduct before, or during the performance of this Agreement, shall be deemed to modify, change, or amend this Agreement.

8. Waiver. Any failure of either the City or the Contractor to strictly enforce any term, right, or condition of this Agreement, whether implied or expressed, shall not be construed as a waiver of such term, right, or condition.

9. Compliance with Laws. The Contractor shall comply with all applicable federal, state, and local laws, rules, and regulations, and all City ordinances, rules, and regulations now in force or hereafter enacted, in the provision of the goods and/or performance of the services required under this Agreement.

10. Freedom of Information Act: The Contractor shall, within twenty-four hours of the City's request, provide any documents in the Contractor's possession related to the contract which the City is required to disclose to a requester under the Illinois Freedom of Information Act. This provision is a material covenant of this Agreement. Contractor agrees to not apply any costs or charge any fees to the City regarding the procurement of records required pursuant to a FOIA request. Should Contractor request that City utilize a lawful exemption under FOIA in relation to any FOIA request thereby denying that request, Contractor agrees to pay all costs connected therewith (such as reasonable attorney's and witness fees, filing fee, and any other expenses) to defend the denial of the request. The defense shall include, but not be limited to, challenged or appealed denials of FOIA requests to either the Illinois Attorney General or a court of competent jurisdiction. Contractor agrees to defend, indemnify, and hold harmless City, and agrees to pay

all costs connected therewith (such as reasonable attorney's and witness fees, filing fees and any other expenses) to defend any denial of a FOIA request by Contractor's request to utilize a lawful exemption to City.

11. *Discrimination Prohibited.* The Contractor shall comply with the provisions of the Illinois Human Rights Act, as amended, 775 ILCS 5/1-101 et seq. (1992 State Bar Edition), and with all rules and regulations established by the Department of Human Rights. The Contractor agrees that it will not deny employment to any person or refuse to enter into any contract for services provided for in this Agreement to be performed on its behalf on the basis of unlawful discrimination as defined in the Illinois Human Rights Act.

12. *Prevailing Wage:* Where applicable, the contractor and any subcontractors shall comply with all provisions of the Prevailing Wage Act, 820 ILCS 130/1 et seq., or any successor statute, and the documents entitled "Special Provisions for: Wages of Employees on Public Works," and "DuPage County Prevailing Wage for ..." which are attached hereto and incorporated as an Addendum 2. Rates reflected in the Addendum are subject to change. The City of Wheaton provides no legal advice or opinion whether the Act is or is not applicable to this contract.

13. *Status of Independent Contractor.* Both City and Contractor agree that Contractor will act as an Independent Contractor in the performance of the Work. Accordingly, the Independent Contractor shall be responsible for payment all taxes including federal, state, and local taxes arising out of the Contractor's activities in accordance with this agreement, including by way of illustration but not limitation, federal and state income tax, social security tax, and any other taxes or license fees as may be required under the law. Contractor further acknowledges under the terms of this Agreement, that it is not an agent, employee, or servant for the City for any purpose, and that it shall not hold itself out as an agent, employee, or servant of the City under any circumstance for any reason. Contractor is not in any way authorized to make any contract, agreement, or promise on behalf of City, or to create any implied obligation on behalf of City, and Contractor specifically agrees that it shall not do so. City shall have no obligation to provide any compensation or benefits to Contractor, except those specifically identified in this Agreement. City shall not have the authority to control the method or manner by which Contractor complies with the terms of this Agreement.

14. *Assignment; Successors and Assigns.* Neither this Agreement, nor any part, rights, or interests hereof, may be assigned, to any other person, firm, or corporation without the written consent of all other parties. Upon approval of assignment, this Agreement and the rights, interests and obligations hereunder shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and assigns.

15. *Non-disclosure.* During the course of the Work Contractor may have access to proprietary and confidential information including, but not limited to, methods, processes, formulae, compositions, systems, techniques, computer programs, databases, research projects, resident name and address information, financial data, and other data. Contractor shall not use such information for any purpose other than described in this Agreement and Exhibits and shall not directly or indirectly disclose or disseminate such information to any third party without the express written consent of the City.

16. *Hold Harmless and Indemnification.* The Contractor shall defend, hold harmless, and indemnify the City, its directors, officers, employees, agents, and elected officials, in whole or in part from and against any and all liabilities, losses, claims, demands, damages, fines, penalties, costs, and expenses, judgment, or

settlement, including, but not limited to, reasonable attorneys' fees and costs of litigation including reasonable expert witness, and all causes of action of any kind or character, that may be incurred as a result of bodily injury, sickness, death, or property damage or as a result of any other claim or suit of any nature whatsoever arising from or in any manner connected with directly or indirectly, the negligent acts, errors, omissions, or intentional acts or omissions, or omissions of any agent, subcontractor, or contractor hired to perform any services on behalf of the Contractor.

17. **Patents:** The successful contractor agrees to protect, defend, and save the City harmless against any demand for payment for the use of any patented material process, article, or device that may enter into the manufacture and construction, or form a part of the work covered by the contract.

18. **Termination of Contract.** If the Contractor fails to perform according to the terms of this Agreement, then the City may terminate this Agreement upon seven (7) days written notice to the Contractor. In the event of a termination, the City shall pay the Contractor for services performed as of the effective date of termination, less any sums attributable, directly or indirectly, to Contractor's breach. The City shall have the right to terminate this Agreement, without cause, upon twenty-one (21) days written notice to the Contractor. The Contractor shall be paid for all work performed in conformance with the Agreement through the effective date of the not for cause termination. The written notice required under this paragraph shall be either (i) served personally during regular business hours; (ii) served by facsimile data transmission during regular business hours; (iii) by e-mail or (iv)served by certified or registered mail, return receipt requested, addressed to the address listed in this Agreement with postage prepaid and deposited in the United States mail. Notice served personally and by facsimile data transmission shall be effective upon receipt, and notice served by United States mail shall be effective three (3) business days after mailing.

19. **Cancellation for Unappropriated Funds:** The obligation of the City for payment to a Contractor is limited to the availability of funds appropriated in a current fiscal period, and continuation of the contract into a subsequent fiscal period is subject to appropriation of funds, unless otherwise authorized by law.

20. **Default.** In case of default by the contractor, the City will procure articles or service from other sources and hold the contractor responsible for any excess cost incurred as provided for in Article 2 of the Uniform Commercial Code. The City reserves the right to cancel the whole or any part of the contract if the contractor fails to perform any of the provisions in the contract, fails to make delivery within the time stated, becomes insolvent, suspends any of its operations, or if any petition is filed or proceeding commenced by or against the Seller under any State or Federal law relating to bankruptcy arrangement, reorganization, receivership, or assignment for the benefit of creditors. The contractor will not be liable to perform if situations arise by reason of strikes, acts of God or the public enemy, acts of the City, fires, or floods.

21. **Force Majeure.** No party hereto shall be deemed to be in default or to have breached any provision of this Agreement as a result of any delay, failure in performance or interruption of services resulting directly or indirectly from acts of God, acts of civil or military disturbance, or war, which are beyond the control of such non-performing party.

22. **Other Entity Use.** The Contractor may, upon mutual agreement, permit any municipality or other governmental agency to participate in the contract under the same prices and terms and conditions, if agreed to by both the Contractor and the other municipality or governmental agency.

23. **Notification.** All notification under this Agreement shall be made as follows:

<i>If to the Contractor:</i>	<i>If to the City:</i>
<i>Contractor Name</i>	<i>City of Wheaton</i>
<i>Attn: Contact Person</i>	<i>Attn: City Clerk</i>
<i>Street Address</i>	<i>303 West Wesley Street Box 727</i>
<i>City, State, Zip Code</i>	<i>Wheaton, IL 60189-727</i>
<i>Fax #</i>	<i>Fax # 630-260-2017</i>
<i>e-mail</i>	<i>e-mail cityclerk@wheaton.il.us</i>

24. **Severability.** If any provision of this Contract is held to be illegal, invalid, or unenforceable, such provision shall be fully severable, and this Contract shall be construed and enforced as if such illegal, invalid, or unenforceable provision were never a part hereof; the remaining provisions hereof shall remain in full force and effect and shall not be affected by the illegal, invalid, or unenforceable provision or by its severance; and in lieu of such illegal, invalid, or unenforceable provision there shall be added automatically as part of this agreement, a provision as similar in its terms to such illegal, invalid, or unenforceable provision as may be possible and legal, valid and enforceable.

25. **Recovery of Costs.** In the event the City is required to file any action, whether legal or equitable, to enforce any provision of this Agreement, the City shall be entitled to recover all costs and expenses incurred as a result of the action or proceeding, including expert witness and attorney's fees, if so provided in any order of the Court.

26. **Governing Law.** This agreement is governed by the laws of the State of Illinois. Exclusive jurisdiction for any litigation involving any aspect of this Agreement shall be in the Eighteenth Judicial Circuit Court, DuPage County, Illinois.

In Witness Whereof, the parties have entered into this Agreement this _____ day of *month*, year.

City of Wheaton, an Illinois municipal corporation

By _____ date _____
Mike Dzugan, City Manager

Attest:

Sharon Barrett-Hagen, City Clerk

Contractor Name

By _____ date _____

Attest:

Special Provisions for: Insurance Coverage for Contractual Services

The Contractor and each of its agents, subcontractors, and consultants hired to perform the Work, shall purchase and maintain during the term of this contract insurance coverage which will satisfactorily insure the Contractor and where appropriate, the City against claims and liabilities which may arise out of the Work. Such insurance shall be issued by companies authorized to do business in the State of Illinois and approved by the City. The insurance coverages shall include, but not necessarily be limited to, the following:

- **Worker's Compensation Insurance** with limits as required by the applicable statutes of the State of Illinois. The employer's liability coverage under the worker's compensation policy shall have limits not less than **FIVE HUNDRED THOUSAND DOLLARS (\$500,000)** and each accident/injury and **FIVE HUNDRED THOUSAND DOLLARS (\$500,000)** each employee/disease and **FIVE HUNDRED THOUSAND DOLLARS (\$500,000)** policy limit. The workers' compensation policy shall provide a waiver of subrogation (aka Waiver of our Right to Recover from Others Endorsement), to the City.
- **Commercial General Liability Insurance** protecting the Contractor against any and all liability claims which may arise in the course of performance of this contract. The limits of liability shall be not less than **ONE MILLION DOLLARS (\$1,000,000)** each occurrence bodily injury/property damage combined single limit and **ONE MILLION DOLLARS (\$1,000,000)** aggregate bodily injury/property damage combined single limit. The policy of commercial liability insurance shall include contractual liability coverage and an endorsement naming the City as an additional insured on a primary and non-contributory basis. Completed Operations coverage shall continue for a period of two years after completion of the project. XCU coverage shall be included.
- **Commercial Automobile Liability Insurance** covering the Contractor's owned, non-owned, and hired vehicles which protects the Contractor against automobile liability claims whether on or off of the city's premises with coverage limits of not less than **ONE MILLION DOLLARS (\$1,000,000)** per accident bodily injury/property damage combined single limit. The policy of commercial liability insurance shall include contractual liability coverage and an endorsement naming the City as an additional insured on a primary and non-contributory basis.
- **Umbrella or Excess Liability Insurance** coverage of not less than **ONE MILLION (\$1,000,000)** per occurrence.

Nothing herein set forth shall be construed to create any obligation on the part of the City to indemnify Contractor for any claims of negligence against Contractor or its agents, employees, subcontractors or consultants. Prior to commencement of any work under this Agreement, Contractor shall file with the City the required original certificates of insurance with endorsements, including those of subcontractors, which shall clearly state all of the following:

- A. The policy number; name of insurance company; name and address of the agent or authorized representative; name, address, and telephone number of the insured; project name and address; policy expiration date; and specific coverage amounts; and
- B. That the City of Wheaton (including its agents, elected officials, officers and employees) is named as an additional insured under all coverage, except Workers' Compensation, and that all such coverage shall be primary and non-contributory for the City, its agents, elected officials, officers, and employees. A

waiver of subrogation (aka Waiver of our Right to Recover from Others Endorsement), on all coverages shall be provided; and

- C. Should any of the above described policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions; and
- D. Contractor's insurance is primary with respects to any other valid or collectible insurance City may possess, including any self-insured retention that City may have; and
- E. Any deductibles or self-insured retention shall be stated on the certificates of insurance provided to the City; and

In addition to all of the insurance requirements identified above and contained on the certificates of insurance, all policies of insurance coverage under this section shall also be subject to the following requirements.

- F. All insurance carriers providing coverage under this Agreement shall be authorized to do business in the State of Illinois and shall be rated at least A:VI in A.M. Best and Companies Insurance Guide or otherwise acceptable to the City.
- G. The City of Wheaton shall have the right to reject the insurer/insurance of the contractor or any subcontractor; and
- H. Occurrence policies are preferred. The city may accept claims made policies for Professional Liability or Pollution/Environmental Liability on a case by case basis providing the contractor purchases a claims made policy for four (4) years past the contract completion date.
- I. The City will consider deductible amounts as part of its review of the financial stability of the bidder; and
- J. No acceptance and/or approval of any insurance by the City shall be construed as relieving or excusing the Contractor, or the surety, or its bond, from any liability or obligation imposed upon either or both of them by the provisions of the Contract Documents; and
- K. The City may require increases in Contractor's insurance coverage amounts over the course of this Agreement as it deems necessary so long as it reimburses Contractor for the actual increase in Contractor's insurance premiums attributable to the City's requested increase; and
- L. Insurance coverage required by this contract shall be in force throughout the Contract Term and upon written request by the City, the Contractor shall, within 7 days, provide to the City acceptable evidence of current insurance. Should the Contractor fail to provide acceptable evidence of current insurance following written request, the City shall have the absolute right to terminate the Contract without any further obligation to the Contractor; and
- M. Contractual and other liability insurance provided under this Contract shall not contain a supervision, inspection or engineering services exclusion that would preclude the City from supervising or inspecting the project to the end result. The Contractor shall assume all on-the-job responsibilities as to the control of persons directly employed by it; and
- N. All existing structures, utilities, roads, services, trees, shrubbery and landscaping shall be protected against damage or interruption of service at all times by the Contractor and its subcontractors during the term of the Contract.

END OF SPECIAL PROVISIONS FOR INSURANCE COVERAGE FOR CONTRACTUAL SERVICES



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

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

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

PRODUCER	CONTACT NAME:	FAX (A/C, No):	
	PHONE (A/C, No. Ext):		
INSURED	E-MAIL ADDRESS:	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A :		
	INSURER B :		
	INSURER C :		
	INSURER D :		
	INSURER E :		
	INSURER F :		

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES. (Attach ACORD 101, Additional Remarks Schedule, if more space is required.)

Bid/Project Name or Contract Name and #
Contractor
Contact
Address
Phone #, Email Address, Fax #

- The City of Wheaton is an additional insured on a primary and non-contributory basis on all insurance policies with respect to Liability.
- Endorsements and a Waiver of Subrogation shall be provided for all policies with each updated certificate.
- Contractors: It shall be the responsibility of the contractor to insure that all subcontractors comply with the same insurance requirements.

CERTIFICATE HOLDER

CANCELLATION

City of Wheaton
303 West Wesley Street
PO Box 727
Wheaton, IL 60187-0727

Attn: Procurement Officer
(fax) 630-260-2017

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Special Provisions for: Wages of Employees on Public Works

This contract may be subject to the "Prevailing Wage Act," 820 ILCS 130/1 et seq ("The Act"). It shall be the responsibility of the contractor to determine whether the Act is applicable and if so to comply with all its terms and conditions. Any contractor having a question as to whether the Act is applicable shall consult with their own attorney to ascertain applicability. The City shall not have any duty to inform the contractor of the Act's applicability. If however the City informs the contractor that the Act is applicable it shall be the contractor's obligation to comply with all its terms and conditions unless the contractor can establish to the satisfaction of the City that the Act is inapplicable. If it is determined that The Act applies to this contract, all contractors and subcontractors subject to its terms shall comply with all of its provisions, including, but not limited to the following:

1. Not less than the prevailing rate of wages as found by the City of Wheaton or Department of Labor or determined by a court on review shall be paid to all laborers, workers and mechanics performing work under this contract. These prevailing rates of wages are included in this contract.
2. In all contractors' bonds the contractor shall include a provision that will guarantee the faithful performance of the prevailing wage clause provided by this contract.
3. If the Department of Labor revises the prevailing rate of hourly wages to be paid by the public body, the revised rate shall apply to the contractor, and the public body shall be responsible to notify the contractor and each subcontractor, of the revised rate.
4. The contractor and each subcontractor shall:
 - a. make and keep, for a period of not less than 3 years, records of all laborers, mechanics, and other workers employed by them on the project; the records shall include each worker's name, address, telephone number when available, social security number, classification or classifications, the hourly wages paid in each pay period, the number of hours worked each day, and the starting and ending times of work each day; and
 - b. submit monthly, in person, by mail, or electronically a certified payroll to the public body in charge of the project. The certified payroll shall consist of a complete copy of the records identified in paragraph (1) of this subsection (a). The certified payroll shall be accompanied by a statement signed by the contractor or subcontractor which avers that:
 - i. such records are true and accurate;
 - ii. the hourly rate paid to each worker is not less than the general prevailing rate of hourly wages required by this Act; and
 - iii. the contractor or subcontractor is aware that filing a certified payroll that he or she knows to be false is a Class B misdemeanor.
5. Upon 2 business days' notice, the contractor and each subcontractor shall make available for inspection the records identified in paragraph 4 to the City of Wheaton, its officers and agents, and to the Director of Labor and his deputies and agents during reasonable hours at a location within this State.

Du Page County Prevailing Wage for July 2015

(See explanation of column headings at bottom of wages)

Trade Name	RG	TYP	C	Base	FRMAN	M-F>8	OSA	OSH	H/W	Pensn	Vac	Trng
ASBESTOS ABT-GEN		ALL		39.400	39.950	1.5	1.5	2.0	13.98	10.72	0.000	0.500
ASBESTOS ABT-MEC		BLD		36.340	38.840	1.5	1.5	2.0	11.47	10.96	0.000	0.720
BOILERMAKER		BLD		47.070	51.300	2.0	2.0	2.0	6.970	18.13	0.000	0.400
BRICK MASON		BLD		43.780	48.160	1.5	1.5	2.0	10.05	14.43	0.000	1.030
CARPENTER		ALL		44.350	46.350	1.5	1.5	2.0	13.29	16.39	0.000	0.630
CEMENT MASON		ALL		43.750	45.750	2.0	1.5	2.0	13.05	14.45	0.000	0.480
CERAMIC TILE FNSHER		BLD		36.810	0.000	1.5	1.5	2.0	10.55	9.230	0.000	0.770
COMMUNICATION TECH		BLD		32.650	34.750	1.5	1.5	2.0	9.550	15.16	1.250	0.610
ELECTRIC PWR EQMT OP		ALL		37.890	51.480	1.5	1.5	2.0	5.000	11.75	0.000	0.380
ELECTRIC PWR EQMT OP		HWY		39.220	53.290	1.5	1.5	2.0	5.000	12.17	0.000	0.390
ELECTRIC PWR GRNDMAN		ALL		29.300	51.480	1.5	1.5	2.0	5.000	9.090	0.000	0.290
ELECTRIC PWR GRNDMAN		HWY		30.330	53.290	1.5	1.5	2.0	5.000	9.400	0.000	0.300
ELECTRIC PWR LINEMAN		ALL		45.360	51.480	1.5	1.5	2.0	5.000	14.06	0.000	0.450
ELECTRIC PWR LINEMAN		HWY		46.950	53.290	1.5	1.5	2.0	5.000	14.56	0.000	0.470
ELECTRIC PWR TRK DRV		ALL		30.340	51.480	1.5	1.5	2.0	5.000	9.400	0.000	0.300
ELECTRIC PWR TRK DRV		HWY		31.400	53.290	1.5	1.5	2.0	5.000	9.730	0.000	0.310
ELECTRICIAN		BLD		38.160	41.980	1.5	1.5	2.0	9.550	18.29	4.680	0.680
ELEVATOR CONSTRUCTOR		BLD		50.800	57.150	2.0	2.0	2.0	13.57	14.21	4.060	0.600
FENCE ERECTOR	NE	ALL		37.340	39.340	1.5	1.5	2.0	13.05	12.06	0.000	0.300
FENCE ERECTOR	W	ALL		45.060	48.660	2.0	2.0	2.0	10.52	20.76	0.000	0.700
GLAZIER		BLD		40.500	42.000	1.5	2.0	2.0	13.14	16.99	0.000	0.940
HT/FROST INSULATOR		BLD		48.450	50.950	1.5	1.5	2.0	11.47	12.16	0.000	0.720
IRON WORKER	E	ALL		44.200	46.200	2.0	2.0	2.0	13.65	21.14	0.000	0.350
IRON WORKER	W	ALL		45.060	48.660	2.0	2.0	2.0	10.52	20.76	0.000	0.700
LABORER		ALL		39.200	39.950	1.5	1.5	2.0	13.98	10.72	0.000	0.500
LATHER		ALL		44.350	46.350	1.5	1.5	2.0	13.29	16.39	0.000	0.630
MACHINIST		BLD		45.350	47.850	1.5	1.5	2.0	7.260	8.950	1.850	0.000
MARBLE FINISHERS		ALL		31.400	32.970	1.5	1.5	2.0	9.850	13.10	0.000	0.600
MARBLE MASON		BLD		43.030	47.330	1.5	1.5	2.0	10.05	14.10	0.000	0.780
MATERIAL TESTER I		ALL		29.200	0.000	1.5	1.5	2.0	13.98	10.72	0.000	0.500
MATERIALS TESTER II		ALL		34.200	0.000	1.5	1.5	2.0	13.98	10.72	0.000	0.500
MILLWRIGHT		ALL		44.350	46.350	1.5	1.5	2.0	13.29	16.39	0.000	0.630
OPERATING ENGINEER	BLD	1		48.100	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER	BLD	2		46.800	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER	BLD	3		44.250	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER	BLD	4		42.500	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER	BLD	5		51.850	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER	BLD	6		49.100	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER	BLD	7		51.100	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER	FLT			36.000	36.000	1.5	1.5	2.0	17.10	11.80	1.900	1.250
OPERATING ENGINEER	HWY	1		46.300	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER	HWY	2		45.750	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER	HWY	3		43.700	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER	HWY	4		42.300	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER	HWY	5		41.100	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER	HWY	6		49.300	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER	HWY	7		47.300	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
ORNAMNTL IRON WORKER E	ALL			45.000	47.500	2.0	2.0	2.0	13.55	17.94	0.000	0.650
ORNAMNTL IRON WORKER W	ALL			45.060	48.660	2.0	2.0	2.0	10.52	20.76	0.000	0.700
PAINTER		ALL		41.730	43.730	1.5	1.5	1.5	10.30	8.200	0.000	1.350
PAINTER SIGNS		BLD		33.920	38.090	1.5	1.5	1.5	2.600	2.710	0.000	0.000
PILEDRIVER		ALL		44.350	46.350	1.5	1.5	2.0	13.29	16.39	0.000	0.630
PIPEFITTER		BLD		46.000	49.000	1.5	1.5	2.0	9.000	15.85	0.000	1.780
PLASTERER		BLD		41.250	43.760	1.5	1.5	2.0	9.700	13.08	0.000	0.980
PLUMBER		BLD		46.650	48.650	1.5	1.5	2.0	13.18	11.46	0.000	0.880
ROOFER		BLD		41.000	44.000	1.5	1.5	2.0	8.280	10.54	0.000	0.530

SHEETMETAL WORKER	BLD	44.720	46.720	1.5	1.5	2.0	10.65	13.31	0.000	0.820	
SPRINKLER FITTER	BLD	49.200	51.200	1.5	1.5	2.0	11.75	9.650	0.000	0.550	
STEEL ERECTOR	E	ALL	42.070	44.070	2.0	2.0	2.0	13.45	19.59	0.000	0.350
STEEL ERECTOR	W	ALL	45.060	48.660	2.0	2.0	2.0	10.52	20.76	0.000	0.700
STONE MASON	BLD	43.780	48.160	1.5	1.5	2.0	10.05	14.43	0.000	1.030	
SURVEY WORKER	NOT IN EFFECT	ALL	37.000	37.750	1.5	1.5	2.0	12.97	9.930		
0.000	0.500										
TERRAZZO FINISHER	BLD	38.040	0.000	1.5	1.5	2.0	10.55	11.22	0.000	0.720	
TERRAZZO MASON	BLD	41.880	44.880	1.5	1.5	2.0	10.55	12.51	0.000	0.940	
TILE MASON	BLD	42.840	46.840	1.5	1.5	2.0	10.55	10.42	0.000	0.920	
TRAFFIC SAFETY WRKR	HWY	32.750	34.350	1.5	1.5	2.0	6.550	6.450	0.000	0.500	
TRUCK DRIVER	ALL 1	35.920	36.120	1.5	1.5	2.0	8.280	8.760	0.000	0.150	
TRUCK DRIVER	ALL 2	32.700	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.150	
TRUCK DRIVER	ALL 3	32.900	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.150	
TRUCK DRIVER	ALL 4	33.100	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.150	
TUCKPOINTER	BLD	42.620	43.620	1.5	1.5	2.0	10.05	13.34	0.000	0.670	

Legend: RG (Region)

TYP (Trade Type - All, Highway, Building, Floating, Oil & Chip, Rivers)

C (Class)

Base (Base Wage Rate)

FRMAN (Foreman Rate)

M-F>8 (OT required for any hour greater than 8 worked each day, Mon through Fri.)

OSA (Overtime (OT) is required for every hour worked on Saturday)

OSH (Overtime is required for every hour worked on Sunday and Holidays)

H/W (Health & Welfare Insurance)

Pensn (Pension)

Vac (Vacation)

Trng (Training)

Explanations

DUPAGE COUNTY

IRON WORKERS AND FENCE ERECTOR (WEST) - West of Route 53.

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

TRAFFIC SAFETY - work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary lane markings, and the installation and removal of temporary road signs.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS TECHNICIAN

Low voltage installation, maintenance and removal of telecommunication facilities (voice, sound, data and video) including telephone and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area networks), LAN (local area networks), and ISDN (integrated system digital network), pulling of wire in raceways, but not the installation of raceways.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if

damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under; Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screeed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling

or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines; ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types; Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screeed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and

Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

OPERATING ENGINEER - FLOATING

Diver. Diver Wet Tender, Diver Tender, ROV Pilot, ROV Tender

SURVEY WORKER - Operated survey equipment including data collectors, G.P.S. and robotic instruments, as well as conventional levels and transits.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yeards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more;

Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

Contract #: _____
Contract Addendum #: _____
For Office Use Only

Agreement Between the City of Wheaton, IL
And

2016 SEWER MAIN REHABILITATION PROJECT

Change Order #

Change Order required due to:

- Changed/Unforeseen Condition
- Change in Scope
- Errors and Omissions
- Other: _____

Type of Change Order:

- Fixed Cost of \$ _____
- Time & Materials, not to exceed: \$ _____
- Emergency Change, not to exceed \$ _____
- Extension of Completion Date

Attached is: Service Providers Proposal; Description of Change

Cost and Schedule Control Summary

If this section is left blank, Change Order will not result in additional charges:

If this section is left blank, Change Order will not result in additional time to complete the project:

Original Contract Amount \$ _____
Previous COs Adds/Deducts \$ _____
This CO Add/Deduct \$ _____
Revised Contract Amount \$ _____

Original Contract Duration _____ days
Previous COs Add/Deduct _____ days
This CO Add/Deduct _____ days
Revised Contract Duration _____ days
Revised Contract Completion Date _____

The compensation (time and cost set forth in this Change Order comprises the total compensation due the Service Provider, all subcontractors, and all suppliers, for the work or change defined in this Change Order, including impact on the unchanged work. By signing the Change Order, the Service Provider acknowledges and agrees on behalf of himself, all subcontractors, and all suppliers, that the stipulated compensation includes payment for all work contained in the Change Order, plus all payment interruptions of schedules, extended field overhead costs, delay, and all impact, ripple effect or cumulative impact on all other work under this contract. The signing of the Change Order indicates that the Change Order constitutes full mutual accord and satisfaction of subcontractors, and all suppliers, as a result of the change. The Service Provider on behalf of himself, all subcontractors and all suppliers, agrees to waive all rights, without exception or reservation of any whatsoever to file any further claim related to the Change Order. No further claim or request for equitable adjustment of any type shall rise out of or as a result of this Change Order or the impact of this Change Order on the remainder of the work under this Contract.

All terms and Conditions of the original contract apply to this Change Order and remain the same and in full force and effect.

Project Manager: _____ Date: _____

Department Head: _____ Date: _____

Finance: _____ Date: _____

City Manager: _____ Date: _____

Service Provider: _____ Date: _____

Upon approval, forward this document to Procurement for Amendment of Contract.