

Rock River Water Reclamation District Rockford, Illinois

Bidding Requirements and Contract Forms

for

2020-2021 Service Cleanout Installations

Capital Project No. 2101

Rock River Water Reclamation District Rockford, Illinois

Bidding Requirements and Contract Forms and *General Provisions and Technical Specifications* for *Sanitary Sewer Construction*

for

2020-2021 Service Cleanout Installations

Capital Project No. 2101

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Section I
Bidding Requirements

Article 1 — Notice to Bidders

The Rock River Water Reclamation District (District) will receive signed and sealed bids for the 2020-2021 Service Cleanout Installations, Capital Project No. 2101, at the District office located at 3501 Kishwaukee Street, Rockford, Illinois until 10:00 a.m. on Tuesday, May 12, 2020 at which time and place responsive / responsible bids will be publicly opened and read aloud.

The 2020-2021 Service Cleanout Installations project consists of the installation of 4" and 6" diameter cleanout risers on existing sanitary sewer services, the replacement of existing clay sewer services with PVC pipe, and all other appurtenances as indicated on the plans and in the specifications.

Bidder's attention is called to Article 2 – Instructions to Bidders 3.8 requirements for Statement of Qualifications. Bidder must have a permanent business office within forty (40) miles of the District office at 3501 Kishwaukee Street in Rockford, IL.

All underground construction, paving, testing, and restoration shall be completed by October 30, 2020. Liquidated damages shall be \$300.00 per calendar day.

Bid documents may be obtained at a cost of \$50.00 per set (non-refundable) by contacting the District Engineering Department at 815.387.7660.

Plans and specifications may also be viewed at the offices of the Northern Illinois Building Contractors Association at 1111 S. Alpine Rd, Rockford, IL. For more information, visit the District website at www.rwrwd.dst.il.us.

All construction shall be done in accordance with the project Specifications, including the District's, *General Provisions and Technical Specifications for Sanitary Sewer Construction* (Current Edition) of the Rock River Water Reclamation District.

Each Proposal must be accompanied by the District Bid Bond form with an acceptable Bid Security attached, in the amount of five percent (5%) of the total bid price. This amount is a guarantee that, if the Proposal is accepted, a Contract will be entered into and its performance properly secured.

The successful bidder will be required to furnish a satisfactory Performance Bond in the full amount of the Bid or Proposal. No Bid shall be withdrawn without the consent of the District for a period of sixty (60) days after the scheduled time of receiving Bids.

The District, reserves the right to reject any or all bids, or any part thereof, or to accept any bid or any part thereof, or to waive any formalities in any bids, deemed to be in the best interest of the District.

Dated this 23rd day of APRIL, 2020.


BY: Timothy S. Hanson, Executive Director

Article 2 — Instructions to Bidders

1 General

1.1 Scope and Intent

This section of the contract documents is concerned with furnishing detailed information and requirements for preparing bids to prospective bidders, bidders' responsibility, the preparation and the submission of bids, basis for awarding the contract and other general information concerned with bidding and executing the contract.

1.2 Contradictions

If in the case of apparent contradiction between or among the Contract Documents, the Contract Documents shall be consulted in the following order: Addenda, Agreement, Supplementary Drawings, Instructions to Bidders, Detailed Specifications, Plans, District General Provisions and Technical Specifications for Sanitary Sewer Construction. The language in the first such document in which language regarding the conflict, error or discrepancy occurs shall control.

2 Legal Requirements

2.1 Illinois Regulations

1. Public Act 100-1177 requires the Bidder to comply with prevailing wages in accordance with the Illinois Department of Labor Standards. The State of Illinois requires contractors and subcontractors on public works projects (including Rock River Water Reclamation District) to submit certified payroll reports via the State's Certified Transcript of Payroll Portal found at <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/certifiedtranscriptofpayroll.aspx>.
2. Public Act 83-1030 entitled "Steel Products Procurement Act" requires that steel products used or supplied in performance of this contract or subcontract shall be manufactured or produced in the United States with three exceptions.

The provisions of this Section shall not apply:

- a. Where the contract involves an expenditure of less than \$500.
 - b. Where the executive head of the public agency certifies in writing that
 - i. the specified products are not manufactured or produced in the United States in sufficient quantities to meet the agency's requirements, or
 - ii. obtaining the specified products, manufactured or produced in the United States would increase the cost of the contract by more than 10%.
 - c. When its application is not in the public interest.
2. Public Act 96-929 (30 ILCS 570) provides that Illinois residents be employed on Illinois public works projects, provided there has been a period of excessive unemployment (5%) in the State of Illinois as defined in the Act; and, further, that Illinois workers are available and capable of performing the particular type work involved.

3. Public Act 99-0933 requires that any party to a contract adopt and promulgate written sexual harassment policies that include, as a minimum, the following information:
 - a. the illegality of sexual harassment
 - b. the definition of sexual harassment under Illinois State law
 - c. a description of sexual harassment, utilizing examples
 - d. my (our) organization's internal complaint process including penalties
 - e. the legal recourse, investigative and complaint process available through the Illinois Department of Human Rights and the Illinois Human Rights Commission
 - f. directions on how to contact the Department and the Commission
 - g. protection against retaliation as provided by Section 6-101 of the Illinois Human Rights Act

Upon request, this information shall be provided to the Illinois Department of Human Rights and the District.

4. With regard to nondiscrimination in employment, the Contractor for this project will be required to comply with the Illinois Fair Employment Practices Commission's Rules and Regulations.
5. The Contractor for this project shall comply with the Occupational Safety and Health Act.
6. The Contractor for this project shall comply with the Federal Drug-Free Workplace Act.
7. Public Act 96-1416 requires the Certification of Clean Construction and Demolition Debris (CCDD) and uncontaminated soil prior to disposal at a CCDD fill site. The Contractor for this project shall comply with Public Act 96-1416 and be responsible for the certifications and any fees associated with the disposal at a CCDD fill site.
 - a. In the event that contaminated soil is uncovered on the project, the Contractor shall notify the District immediately. Any extra costs resulting from the presence of contaminated soil shall be evaluated in accordance with District General Provisions & Technical Specs for Sanitary Sewer Construction, General Conditions: Article 5 – Time Provisions and Article 8 – Changes.

2.2 Americans with Disabilities Act

The Contractor for this project will comply with all applicable requirements of the Americans with Disabilities Act of 1990 (ADA). The Contractor will hold harmless and indemnify Rock River Water Reclamation District (District) and their representatives from all:

1. suits, claims, or actions
2. costs, either for defense (including but not limited to reasonable attorney's fees and expert witness fees) or for settlement
3. damages of any kind (including but not limited to actual, punitive, and compensatory damages)

relating in any way to or arising out of the ADA, to which said firm is exposed or which it incurs in the execution of the contract.

3 General Instructions

3.1 Bidder's Responsibility

Bidders are cautioned not to submit proposals until having carefully examined the entire site of the proposed work and adjacent premises and the various means of approach and access to the site, and having made all necessary investigations to inform themselves thoroughly as to the facilities for delivering, placing and handling the materials at the site, and having informed themselves thoroughly as to all difficulties involved in the completion of all the work under this Contract in accordance with its requirements.

Bidders must examine the Plans, Specifications and other Contract Documents and shall exercise their own judgment as to the nature and amount of the whole of the work to be done and for the bid prices must assume all risk of variance, by whomsoever made, in any computation or statement of amount or quantities necessary to complete fully the work in strict compliance with the Contract Documents. The Bidder must satisfy himself by making borings or test pits, or by such methods as he may prefer, as to the character and location of the materials to be encountered or work to be performed. No pleas of ignorance of conditions that exist or that may hereafter exist, or of conditions or difficulties that may be encountered in the execution of the work under this Contract, as a result of failure to make the necessary examinations and investigations, will be accepted as an excuse for any failure or omission on the part of the Contractor to fulfill, in every detail, all of the requirements of the Contract Documents, or will be accepted as a basis for any claims whatsoever for extra compensation or for an extension of time.

The Contractor is responsible for verifying the location of all existing utilities in the project areas.

The Bidder, therefore, shall satisfy himself by such means as he may deem proper as to the location of all structures that may be encountered in construction of the work.

3.2 Addenda and Interpretations

No interpretation of the meaning of the Plans, Specifications, or other Contract Documents will be made to any bidder orally. Every request for such interpretation must be in writing addressed to the Rock River Water Reclamation District, 3501 Kishwaukee Street, Rockford, Illinois. To be given consideration, such request must be received at least five (5) days prior to the date fixed for the opening of bids. Any and all such interpretations and any supplemental instructions will be in the form of written addenda which, if issued, will be sent by email, fax, or certified mail with acknowledgement of receipt requested, to all prospective bidders, at the respective addresses furnished for such purposes, not later than three (3) days prior to the date fixed for the opening of bids. Failure of any bidder to receive any such addenda or interpretation shall not relieve said bidder from any obligation under his bid as submitted. All addenda so issued shall become part of the Contract Documents.

3.3 Laws and Regulations

The prospective bidder is warned that he must comply with all laws of the United States Government, State of Illinois, all ordinances and regulations of the District in the performance of the work under this contract. The Bidder's attention is specifically called to that provision of the General Conditions regarding the rate of wage to be paid on the work.

3.4 Quantities Estimated Only

Bidders are warned that the estimate of quantities of the various items of work and materials, as set forth in the proposal form, is approximate only and is given solely to be used as a uniform basis for the comparison of bids. The quantities actually required to complete the contract work may be less

or more than so estimated, and if awarded a contract for the work specified, the Contractor further agrees that he will not make any claim for damages or for loss of profits or for an extension of time because of a difference between the quantities of the various classes of work assumed for comparison of bids and quantities of work actually performed.

3.5 Form, Preparation, and Presentation of Proposals

For particulars as to the quantity and quality of the supplies, materials and equipment to be furnished, and the nature and extent of the work or labor to be done, prospective bidders are referred to the Contract Documents, which may be examined or obtained at the office of the District.

Each bid will be submitted upon the prescribed proposal form. All blank spaces for bid prices must be filled in, in ink, with the unit or total sum or both for which the proposal is made. If the proposal contains any omissions, erasures, alterations, additions or items not called for in the itemized proposal, or contains irregularities of any kind, such may constitute sufficient cause for rejection of bid. In case of any discrepancy in the unit price or amount bid for any item in the proposal, the unit price as expressed in figures will govern. In no case is the agreement form to be filled out or signed by the bidder.

Bidders may opt to contact the District's Engineering Department at 815.387.7660 to obtain an electronic Proposal form. If used, this form must be attached to the hard copy proposal form and appropriately signed and executed with the bid.

The bid must be verified and be presented on the prescribed form in a sealed envelope on or before the time and at the place stated in the Advertisement for Bids, endorsed with the name of the person, firm or corporation presenting it, the date of presentation, and the title of the work for which the bid is made. If forwarded by mail, the sealed envelope containing the proposal and marked as directed above, must be enclosed in another envelope addressed to Clerk of the Rock River Water Reclamation District, 3501 Kishwaukee Street, Rockford, Illinois, 61109 and be sent preferably by certified mail. The District will not accept facsimile generated bids.

3.6 Bid Security

Each proposal must be accompanied by the District Bid Bond form with an acceptable Bid Security attached, in the amount specified in Article One, Notice to Bidders. This sum is a guarantee that, if the Proposal is accepted, a contract will be entered into and its performance properly secured. The District's Bid Bond Form included in the bid packet must be used. No other Bid Bond form may be substituted.

Within ten (10) days after the opening of bids, the deposits of all but the three lowest bidders will be returned. The deposits of the remaining two unsuccessful bidders will be returned within three (3) days after the execution of the contract, or, if no such contract has been executed, within sixty (60) days after the date of opening bids. The deposit of the successful bidder will be returned only after he has duly executed the contract and furnished the required bond and insurance.

3.7 Affidavit of Compliance

Each proposal must be accompanied by an executed Affidavit of Compliance. A separate Affidavit of Compliance form is enclosed with the Proposal packet. Failure to submit an executed Affidavit of Compliance with the proposal may constitute sufficient cause for rejection of the bid.

3.8 Statement of Qualifications

Each proposal must be accompanied by a Statement of Qualifications certifying that the bidder is registered to do business in the State of Illinois, has a permanent business office within forty (40) miles of the District office at 3501 Kishwaukee Street in Rockford, IL, and provides documentation that the bidder possesses the appropriate financial, material, equipment, facility and personnel

resources and expertise necessary to meet all contractual obligations. The bidder shall document no less than three (3) contracts for sanitary sewer system within the past five (5) years having equal or greater value to the bid being submitted. The District reserves the right to request additional information as needed to evaluate bids prior to making an award.

3.9 Comparison of Proposals

Bids on item contracts will be compared on the basis of a total computed price arrived at by taking the sum of the estimated quantities of each item, multiplied by the corresponding unit prices and including any lump sum bids on individual items, in accordance with the estimate of quantities set forth in the proposal form. Bids on lump sum contracts will be considered upon the basis of the lowest sum bid.

3.10 Acceptance of Bids and Basis of Award

No bidder may withdraw his bid after the scheduled closing time for receipt of bids, for at least sixty (60) days.

The contract will be awarded, if at all, to the lowest responsive, responsible bidder. The Rock River Water Reclamation District also reserves the right to reject any or all bids.

The bidder whose proposal is accepted shall enter into a written contract for the performance of the work and furnish the required bonds and insurance certificate within ten (10) days after written notice by the Engineering Manager of the District has been served on such bidder personally or by mailing a postpaid wrapper to such bidder at the address given in his proposal. If the bidder to whom the contract is awarded refuses or neglects to execute it or fails to furnish the required bond and insurance within five (5) days after receipt by him of the notice, the amount of his deposit shall be forfeited and shall be retained by the District as liquidated damage and not as a penalty. It being now agreed that said sum is a fair estimate of the amount of damages that the District will sustain in case said bidder fails to enter into a contract and furnish the required bond and insurance. No plea of mistake in the bid shall be available to the bidder for the recovery of his deposit or as a defense to any action based upon the neglect or refusal to execute a contract.

3.10.1 Evaluation of Responsiveness

The responsiveness of bidders will be judged on the basis of the completeness of the bid submitted. To be responsive, a Bid must be submitted on the forms provided as part of the Bid Documents and comply with all the requirements of the Instruction to Bidders.

3.10.2 Evaluation of Responsibility

To be judged as responsible, the bidder shall:

- a. Have adequate financial resources for performance, the necessary experience, organization, technical qualifications, and facilities, or a firm commitment to obtain such by subcontracts;
- b. Be able to comply with the required completion schedule for the project;
- c. Have a satisfactory record of integrity, judgment, and performance, including, in particular, any prior performance on contracts from the District;
- d. Have an adequate financial management system and audit procedures, that provide efficient and effective accountability and control of all property, funds, and assets;
- e. Conform to the civil rights, equal employment opportunity and labor law requirements of the Bid Documents.

- f. Have satisfactorily completed no less than three (3) sanitary sewer system contracts within the past five (5) years of equal or greater value to the bid being submitted.

3.11 The Rejection of Bids

The District reserves the right to reject any bid if the evidence submitted in the statement of the bidder's qualifications, or if investigation of such bidder fails to satisfy the District that such bidder is properly qualified to carry out the obligations and to complete the work contemplated therein. Any or all proposals will be rejected if there is reason to believe that collusion exists among the bidders. Conditional bids will not be accepted. The District reserves the right to reject any and all bids and to accept the bid which they deem most favorable to the interest of the District after all proposals have been examined and canvassed.

3.12 Insurance and Bonding

Contractor shall provide all necessary insurance and bonds required to complete the project. No more than ten (10) calendar days subsequent to the District's issuance of an award letter, the Contractor shall provide documentation to prove that he has obtained all required insurance and bonds. The District shall be the sole judge as to the acceptability of any such proof.

Contractor shall provide and maintain all insurance and bonds as required by the District.

3.12.1 General

The Contractor shall ensure that:

1. All insurance policies shall be specific to the project.
2. The insurance certificate shall state: This certifies that the insurance coverage meets or exceeds that required for 2020-2021 Service Cleanout Installations, Capital Project No. 2101.
3. The District shall be named as Additional Insured in all policies; this shall include the Owners Contractors Protective Policy option.
4. All completed operations coverages and bonds shall remain in force for a period of two (2) years following acceptance of the project and completed operations shall stay in force for two (2) years following completion of the project.

3.12.2 Insurance

The Contractor shall, for the duration of the contract and for two (2) years following project acceptance, maintain the following:

1. General Liability: \$1,000,000 combined single limit per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project or the general aggregate limit shall be twice the required occurrence limit. The Contractor shall provide "XCU" coverage.
2. Automobile Liability: \$1,000,000 combined single limit per accident for bodily injury and property damage including coverages for owned, hired or non—owned vehicles, as applicable.
3. Workers' Compensation and Employers Liability: Workers' Compensation limits as required by statute and Employers Liability limits of \$500,000 per accident and \$500,000 per disease.
4. Umbrella: \$2,000,000 per occurrence/aggregate for contracts valued at \$500,000 or over, or \$1,000,000 for contracts below \$500,000. \$10,000 is maximum allowable self-retained limit.

5. Errors and Omissions: If the Contractor performs professional services, he shall maintain errors and omissions insurance with a limit no lower than \$1,000,000 for the duration of the contract.

The policies shall contain, or be endorsed to contain, the following provisions in the General Liability and Automobile Liability Coverage's:

- a. Unless otherwise provided in paragraph "c" of this section, the District, its officers, officials, employees and volunteers shall be covered as additional insureds as respects liability arising out of activities performed by or on insured's general supervision of the Contractor, products and completed operations of the Contractor, premises owned, occupied or used by the Contractor, or automobiles owned, leased, hired or borrowed by the Contractor. The coverage shall contain no special limitations on the scope of protection afforded to the District, its officers, officials, employees, volunteers, or agents.
- b. Unless otherwise provided in paragraph "c" of this section, the Contractor's insurance coverage shall be primary insurance as respects the District, its officers, officials, employees, volunteers, and agents. Any insurance or self-insurance maintained by the District, its officers, officials, employees, volunteers, or agents shall be excess of the Contractor's insurance and shall not contribute with it.
- c. As an acceptable alternative to provisions "a" and "b" of this section, the Contractor may provide owner's and contractor's protective liability insurance with coverage limits, named insureds, and in conformity with all applicable specifications of this section.
- d. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the District, its officers, officials, employees, volunteers, or agents.
- e. The Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
- f. All Coverages — Each insurance policy required by this clause shall not be suspended, voided, canceled by either party, reduced in coverage, or in limits except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to the District.

3.12.3 Best's Ratings

The District shall be the sole judge of whether or not said insurer's ratios are satisfactory. The District's decision shall be final and the District's bidding procedures contain no appeal provision.

1. Alphabetical Rating: For purposes of this Request for Bids, "insurer" shall mean any surety, insurance carrier, or other organization which proposes to provide an insurance policy or bond for the Contractor. No insurer or surety rated lower than "A-, Excellent" in the current *Best's Key Rating Guide* shall be acceptable to the District.
2. Financial Size Rating: Provided an insurer's alphabetical rating is satisfactory, the District will examine said insurer's financial size rating.
 - a. If Best classifies the insurer XII or larger, said insurer shall be acceptable to the District.
 - b. If Best classifies the insurer as smaller than XII, but larger than VI, said insurer shall be submitted to the District's Business Manager and/or the District's insurance consultant for review.

Financial Size ratings less than VII are not acceptable and will disqualify the Contractor.

3.12.4 Performance Bond and Labor & Materials Payment Bond Form

The Contractor shall provide a Performance Bond and Labor & Materials Payment Bond form acceptable to the District. The performance bond shall be for either 100% of the contract price or for the Contractor's unit price times the estimated number of units, as applicable.

This Request for Bids contains a Performance Bond and a Labor & Material Bond form for the Contractor's use.

If the Contractor fails to provide acceptable bonds within the specified time, he shall be in default.

3.12.5 Correction of Contractor's Insurance or Bond Deficiencies

If the District determines that the Contractor's insurance or bond documentation does not conform to these specifications, the District shall inform said Contractor of the non-conformity. If said Contractor fails to provide conforming insurance or bond documentation within five (5) calendar days of the District's deficiency notice, he shall be in default.

3.12.6 Indemnification Clause

Contractor shall protect, indemnify, hold and save harmless and defend the District, its officers, officials, employees, volunteers, and agents against any and all claims, costs, causes, actions and expenses, including but not limited to attorney's fees incurred by reason of a lawsuit or claim for compensation arising in favor of any person, including the employees, officers, independent contractors, or subcontractors of the Contractor or District, on account of personal injuries or death, or damages to property occurring, growing out of, incident to, or resulting directly or indirectly from the performance by the Contractor or subcontractor, whether such loss, damage, injury or liability is contributed to by the negligence of the District or by premises themselves or any equipment thereon whether latent or patent, or from other causes whatsoever, except that the successful bidder shall have no liability for damages or the costs incident thereto caused by the sole negligence of the District.

The indemnification shall not be limited by a limitation on amount or type of damages payable by or for the Contractor or its subcontractor under any employee benefits act including, but not limited, to the Workers Compensation Act.

No inspection by the District, its employees, or agents shall be deemed a waiver by the District of full compliance with the requirements of the Contract. This indemnification shall not be limited by the required minimum insurance coverages in the Contract.

3.13 Tax Exemption

The District is exempt, by law, from paying bidder Federal Excise Tax and Illinois Retailers' Occupational Tax. Therefore, the bidder shall exclude those taxes from his bid. The District's tax exemption number is E9992-3696-06. The bidder shall include all applicable taxes in his bid price.

Article 3 — Detailed Specifications

1 General

This Article contains Detailed Specifications relating to Proposal items. The work to be done under each item is discussed along with units for payment and measurement for payment. However, the descriptions given do not necessarily outline all the work to be done under any item. The materials and workmanship provided for this project shall meet or exceed *Article 3 - Detailed Specifications*, the Rock River Water Reclamation District's *General Provisions and Technical Specifications for Sanitary Sewer Construction* and current National Association of Sewer Service Companies (NASSCO) recommendations. In the case of contradictions between these *Detailed Specifications* and the *General Provisions and Technical Specifications*, these *Detailed Specifications* shall govern. The materials and workmanship provided for this project shall conform to the following specifications:

1. Standard Specifications for Water and Sewer Main Construction in Illinois, current edition; as published by the Associated General Contractors of Illinois, the Illinois Municipal League, the Illinois Society of Professional Engineers and the Underground Contractors Association.
2. General Provisions and Technical Specifications for Sanitary Sewer Construction, Revised October 24, 1983, by the Rock River Water Reclamation District.
3. Standard Specifications for Road and Bridge Construction, Illinois Department of Transportation, current edition.

The Contractor shall perform all operations in strict accordance with all OSHA and Manufacturer's safety requirements. The District assumes no responsibility for enforcement of safety standards.

Excavated or other materials shall not be stored or cast upon pavement surfaces. The Contractor shall transport any materials cleaned from the sewer to an approved dumping area. The Contractor shall clean up work areas at the end of each day by sweeping, washing or other approved methods. When the work is halted by rain, the Contractor shall clean up the work areas before leaving the site.

The Contractor shall provide the District with a construction schedule prior to performing any work. Any work that is performed by the Contractor without the District's permission or not in the presence of a District inspector may, at the District's sole discretion, be rejected.

The Contractor shall notify the District forty-eight (48) hours minimum prior to beginning any work to have an inspector present during all construction. The Contractor shall notify the District twenty-four (24) hours minimum prior to working on a weekend or a District holiday. The Contractor will not be permitted to work on the following District holidays: Thanksgiving Day, Christmas Day, New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, or Labor Day.

The Contractor shall notify the local roadway authority seventy-two (72) hours minimum prior to beginning any work within public rights-of-way for permission and requirements for restoration of disturbed areas within their jurisdictional limits. All roadway removal and restoration shall be inspected and approved by the governing agency.

The Contractor shall notify all utility companies prior to beginning any work. All underground utilities shall be located by the utility involved and special care shall be taken when excavating near underground utilities to avoid damage. The Contractor shall call JULIE at 800.892.0123 forty-eight (48) hours, minimum, prior to start of construction, for utility locations on site.

Unless otherwise indicated in these specifications, the Contractor shall be responsible for all utility protection, including support of existing utility poles where necessary.

Where necessary to remove mailboxes to perform work, contractor shall temporarily erect a mailbox at a location agreeable to the Postal Service. All mailboxes thus affected shall be restored to their pre-construction location upon completion of work, all costs incidental.

The Contractor shall be responsible for all tests of materials and final installation required by the District. All deficiencies noted by the inspectors shall be corrected by the Contractor without cost to the District and prior to final payment.

All work in streets, highways, or flood plains shall be subject to the regulations and requirements of the jurisdictional agencies. Should conflicts or contradictions arise between the specifications and the roadway, railroad or waterway permits, the permits shall govern. Upon completion of work, the Contractor shall restore the area as required by the appropriate agency. The Contractor shall be responsible for the temporary maintenance of all roadways, drives and drainage facilities for the duration of this project and shall maintain access at all times.

The District will not supervise, direct, control, have authority over or be responsible for the Contractor's means, methods, techniques, sequences or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of the Contractor to comply with Laws and Regulations applicable to the furnishing or performance of the Work. The District will not be responsible for the Contractor's failure to perform or furnish the Work in accordance with the Contract Documents.

1.1 Required Submittals

1. Construction schedule.

1.2 Payment – Not used.

2 Permit Requirements

2.1 General

The Contractor shall be responsible for securing any required permits, and for securing all bonds, insurance, etc., paying all fees and meeting all conditions required by any and all permits at no cost to the District. Copies of all Contractor-secured permits shall be provided to the District prior to the start of construction.

Some locations will require tree removal and/or trimming within the public right-of-way. The Contractor is responsible for determining the extent of tree removals and/or trimming required to perform the proposed work at each site.

For all work within Rockford Township Right-of-Way, contact Barry Palm at 815.222.6951 or barrypalm@rockfordtownshipil.gov to ascertain permit requirements.

For utility work within City of Rockford Right-of-Way, contact Jordan Masemore at 779.348.7174 or jordan.masemore@rockfordil.gov to obtain a permit.

For trees within City of Rockford Right-of-Way, the Contractor shall submit a Tree Maintenance Permit to the City of Rockford Forestry Supervisor at 523 S. Central Ave., Rockford, IL 61102. A copy of the Tree Maintenance Permit application is attached to these Contract Documents under *Section VI*. All tree removal and/or trimming shall be in compliance with the City of Rockford Forestry Division's requirements. Contact Taylor Hennelly of the Forestry Division, forty-eight (48) hours prior to performing tree removal or trimming operations at taylor.hennelly@rockfordil.gov.

No trees located on private property shall be disturbed in the construction of this project without written permission from the property owner.

2.2 Required Submittals

1. Copies of signed, approved permits.

2.3 Payment

Payment for Permit Requirements (procurement and compliance) shall be included in the Contract Lump Sum unit price per street address for the various sanitary sewer service repairs.

3 Notification & Access

3.1 Notification

The Contractor shall make every effort to maintain the current level of sanitary sewer service for the duration of the project. Property owners shall not be without sewer service for more than eight (8) hours. A public notification program shall be implemented and, shall as a minimum, require the Contractor to be responsible for contacting each home or business affected and informing them of the work to be conducted and when the sewer will be out of service. Adjustment to the

construction schedule shall be made to accommodate property owners as necessary. The Contractor shall also provide the following:

- (a) A minimum of forty-eight (48) hours advance written notice to be delivered to each home or business describing the work, the work schedule, how it affects them, and a toll free or local telephone number of the Contractor they can call to discuss the project and any concerns. The preferred method of written notification is via door hangers. Written notice shall also include contact information for the District's Surveyor and Field Operations Manager, Ben Christiansen, 815.209.7952, bchristiansen@rrwr.illinois.gov. Contractor shall submit a draft of the proposed written notification for District-approval prior to issuance.
- (b) Personal contact with any home or business that cannot be reconnected within the time stated on the written notice.

3.2 Access

The proposed work will disturb private property. Disturbance necessary to expose the limit of public sanitary sewer service pipe is allowed under license for the District to perform the proposed repairs. This license does not provide for equipment access, stockpiling of materials, or use of private property in any other way. Contractor shall minimize disturbance to private property by any and all means necessary. Please refer to the detail provided in *Section V* which depicts the limits of public and private sewer construction.

Should the Contractor require access to private property to perform the proposed work, it shall be their responsibility to secure any temporary access, storage or construction easements from the private property owner. The cost of obtaining these easements shall be considered incidental to the work.

3.3 Required Submittals

1. Draft written notification (door hanger).

3.4 Payment

Payment for all Notification and Access efforts shall be included in the Contract Lump Sum unit price per street address for the various sanitary sewer service repairs.

4 Sanitary Sewer Service Replacement – 4" Sleeved Service

4.1 General

This work shall consist of replacing existing sanitary sewer services from existing sanitary sewer manholes to existing property lines or sanitary sewer easement limits as indicated in *Sections III* and *IV*, including the installation of a 4" diameter service cleanout at the property line or easement. This item shall include all materials, labor, and equipment necessary to complete this work.

Existing services included under this pay item are 6" diameter vitrified clay pipe (VCP) and are connected to existing sanitary manholes. The existing 6" diameter pipe shall be used as a casing pipe for the new 4" diameter PVC service pipe in order to minimize excavation. Existing service piping has been inspected to verify existing pipe alignment will allow for installation of a new 4" PVC service pipe inside the existing 6" diameter VCP pipe. Annular

space between the outside of new PVC pipe and existing VCP piping at the connection to the manhole shall be filled with a non-shrink hydraulic grout.

Prior to inserting 4" PVC pipe, Contractor shall remove all roots and debris from existing pipe in accordance with *Article 3, Part 5.2, Existing Pipe Cleaning*.

All work shall be in accordance with State and local plumbing codes, and with the District's *General Provisions and Technical Specifications* and *Standard Detail Sheet*, except that the cleanout shall be installed on the property line or at the easement limit, and not beyond, as indicated on the *Standard Detail Sheet*. Pipe connections shall be in accordance with *Article 3, Part 5.3, Pipe and Connections*.

Material shop drawings for pipe, fittings and any other appurtenances shall be submitted to the District for approval prior to delivery to the site.

A cleanout casting shall be provided on all cleanouts in paved areas. Casting shall be Neenah R-1974-A or District approved equivalent.

Trench backfill and compaction shall conform to the requirements stated on the District *Standard Detail Sheet* and *TS 2.4.c* of the *General Provisions and Technical Specifications*. Trench backfill under areas to be paved shall meet FA6 gradation and be mechanically compacted in six-inch (6") to eighteen-inch (18") loose lifts to the subgrade elevation.

The District will mark the approximate locations of existing sanitary sewer service pipes at the right-of-way or easement line. The locations of existing sewer services are based upon TV logs and record information. No claims for additional compensation will be entertained if the service point of connection is within 5' of the location marked in the field. If the service point of connection varies from that marked by District personnel by more than 5', the Contractor shall refer to *Part 6, Exploratory Excavation* of these Specifications.

4.2 Pipe

All piping shall be 4" diameter schedule 40 pipe and fittings with glued joints conforming to ASTM D1785 / D2665. Upstream pipe may be clay, cast or ductile iron of 4" or 6" diameter. Contractor shall provide and install eccentric reducers as required to connect to existing pipe.

Clay-to-PVC and Cast Iron or Ductile Iron-to-PVC pipe transition couplings shall be Fernco 5000 series or Mission Flex-Seal ARC shear resistant repair coupling, or approved equivalent, made of a flexible PVC compound with 316 stainless steel clamps and stainless steel rings. Transition couplings shall conform to the applicable sections of ASTM D5926 and C1173. Connections shall be made to structurally sound pipe.

4.3 Required Submittals

1. Pipe Cleaning equipment list and specifications.
2. Schedule 40 PVC piping, ASTM D1785/D2665.
3. Schedule 40 PVC fittings
4. Repair Couplings, Mission Flex ARC, Fernco 5000 Series, or equal
5. Non-shrink Grout.
6. Cleanout casting.

4.4 Payment

Payment for Sanitary Sewer Service Replacement – 4” Sleeved Service shall be included in the Contract Lump Sum unit price per applicable street address as indicated in *Section III, Service List*.

5 Sanitary Sewer Service Cleanout Installation

5.1 General

This work shall consist of installing a sanitary sewer service cleanout on existing clay service pipe in accordance with the detail provided in *Section V* of these specifications. This item shall include all materials, labor, and equipment necessary to complete this work.

Cleanouts shall be installed at the public Right-of-Way line or sanitary sewer easement limit. The finished cleanout elevation shall be six inches (6”) below grade in turf areas. A cleanout casting shall be provided in paved areas (Neenah Foundry R-1974-A or District approved equal). A 12” long, 1/2” diameter steel rod (rebar) shall be secured to the cleanout riser to facilitate future locating.

The District will mark the approximate locations of existing sanitary sewer service pipes at the right-of-way line or easement limits. The locations of existing sewer services are based upon TV logs and record information. No claims for additional compensation will be entertained if the service point of connection is within 5’ of the location marked in the field. If the service point of connection varies from that marked by District personnel by more than 5’, the Contractor shall refer to *Part 6, Exploratory Excavation* of these Specifications.

5.2 Existing Pipe Cleaning

Prior to installation of the sanitary sewer cleanout pipe and fittings, contractor shall clean the existing public portion of the sewer service from the public right-of-way or easement line to the existing sanitary sewer main. Cleaning shall include removal of all debris including roots. No power equipment shall be used in service cleaning or root removal to ensure existing piping is not damaged. Contractor shall submit proposed equipment/tools to be used in cleaning operations for District review and approval.

Contractor shall verify the sewer service pipe is free of obstructions from the proposed service cleanout to the sanitary sewer main by means of television inspection. The camera used for televising the service pipe shall be a push service camera. Markings shall be made on the push camera cable to measure distance, and distances shall be verified from above ground with a tape. Lighting and camera quality shall be suitable to provide a clear, in-focus picture of the entire inside periphery of the service pipe.

A District Inspector shall be present for the televising of each sewer service pipe. Should the Contractor encounter roots or other obstructions that they are unable to remove from the service pipe with hand tools, the District Inspector shall be notified. Contractor shall make another genuine attempt to remove the obstruction using hand tools with the District Inspector present. If the obstruction is unable to be removed by hand tools, as verified by the District Inspector, the District will schedule to remove the obstruction with the necessary power equipment within 48 hours of notification.

5.3 Pipe and Connections

All piping shall be schedule 40 pipe with glued fittings conforming to ASTM D1785/ D2665.

Contractor shall connect to existing 6" diameter vitrified clay pipe (VCP) downstream of the new service cleanout with a 6" clay-to-6" PVC Mission Flex ARC or Fernco 5000 series repair coupling. Connection shall be made to sound pipe. The new cleanout riser and service pipe shall be 6" diameter schedule 40 PVC. The cleanout riser shall be connected to the service pipe by a 6"X6" PVC tee fitting. The cleanout shall include a threaded cap installed at the top.

Upstream of the new cleanout, to connect to 4" diameter cast iron or ductile iron service pipe the Contractor shall install a 6"X4" PVC eccentric reducer, a minimum of 1' of new 4" diameter schedule 40 PVC service pipe, and connect to existing 4" diameter cast iron or ductile iron with a Mission Flex ARC or Fernco 5000 series repair coupling.

Where private service pipe is 4" Cast or Ductile Iron, Contractor shall connect to the pipe at the property line or sewer easement limit on the upstream side of the public service. Contractor shall remove all 4" Cast Iron downstream of the property line, and connect to existing 6" diameter VCP service pipe. This will allow for 6" CIPP lining of the 6" VCP that will remain in place after completion of the cleanout installation.

District records indicate a majority of private Cast Iron services end at the private property line.

5.4 Required Submittals

1. Pipe Cleaning equipment list and specifications.
2. Schedule 40 PVC piping, ASTM D1785/D2665.
3. Schedule 40 PVC fittings
4. Repair Couplings, Mission Flex ARC, Fernco 5000 Series, or equal
5. Cleanout casting

5.5 Payment

Payment for Sanitary Sewer Service Cleanout Installation shall be included in the Contract Lump Sum unit price per street address as indicated in *Section III, Service List*.

6 Exploratory Excavation

6.1 General

As stated previously herein, District personnel will mark the approximate service point of connection in the field at the right-of-way or easement line. This work shall only apply if the mark placed by District personnel for the service point of connection varies from the actual point of connection by more than 5' horizontally in any direction. If the actual point of connection and marked location fall within 5' or less horizontally in any direction, this item shall not apply.

This work includes all material, labor and equipment necessary to excavate to a depth typical of residential sanitary sewer services, backfill and restore the surface to a condition equal to or better than conditions that existed prior to excavation.

This item shall include up to 36 square feet (SF) of pavement removal and restoration.

Restoration of excavated area shall be in conformance with *Part 7* of these specifications.

6.2 Required Submittals – Not used.

6.3 Payment

Payment for this item shall be made at the Contract unit price per each (EA) for Exploratory Excavation.

7 Restoration Work

7.1 General

All restoration of private and public property, including sidewalks, landscaping, fences driveways, all other slab work, concrete and asphalt, drainage channels, storm sewers and dry wells, disturbed or damaged as a result of this construction project shall be promptly completed, in conformance with roadway authority standards or on private property equal to or better than the pre-construction conditions as directed by the District and guaranteed by the Contractor for a period of two (2) years following satisfactory completion and final acceptance of the total Contract.

All excavated areas shall be guaranteed against subsidence and settlement for a period of three (3) years after final completion of the contract. Any additional restoration work needed as a result of subsidence or settlement shall be performed by the Contractor at no cost to the District.

All water main, gas main, storm sewer, corrugated metal pipe, drainage tile or other drainage devices shall be repaired and re-laid or replaced to original elevations. Pipes which have been, in the estimation of the District significantly damaged by the Contractor, shall be replaced with new pipe of the same diameter, length and type, at no added expense to the District; any necessary couplings and fittings shall be provided as necessary, and the work shall be satisfactory to the District. When necessary, temporary restoration of roads, drives, fences, etc., will be required.

Restoration work shall include the following provisions:

1. All soil, brush and debris resulting from construction shall be removed and disposed of in a satisfactory manner. The ground surface, all fences and other structures on the premises or adjacent premises touched or in any manner altered by the construction of the sewer, shall be restored to a condition equal to or better than existed before the commencement of the work.
2. Ground surfaces that were covered with grass prior to construction shall be restored to original grade and seeded per these specifications. Excavated and stockpiled topsoil may be used for this item if acceptable to the District; otherwise approved topsoil may need to be imported.
3. On private property, the Contractor shall remove and replace (or replant) all bushes, shrubs and plants damaged or destroyed with species of similar type, size and quantity. These shall be guaranteed for a period of two (2) years after final completion.

7.2 Minimum Sidewalk and Pavement Restoration

PCC sidewalk work shall be in accordance with Section 424 of IDOT *Standard Specifications*. Installed PCC sidewalk thickness shall match existing (4" minimum). Sidewalk shall be placed over 4" of compacted aggregate base course of CA-6 gradation.

PCC driveway work shall be in conformance with Section 423 of IDOT *Standard Specifications*. Installed PCC driveway pavement thickness shall match existing (6" minimum). PCC driveway pavement shall be placed over 8" compacted aggregate base course of CA-6 gradation.

When sanitary service is located under new concrete, the Contractor shall stamp the concrete with the letter "S" directly over the service on the sidewalk or driveway pavement. Exact location of the stamp shall be determined in the field. The District will provide the "S" stamp for the Contractor's use. Contractor shall return the stamp at the completion of work, prior to final payment.

HMA driveway work shall be in conformance with Section 406 of IDOT *Standard Specifications*. Minimum compacted thickness of HMA driveway pavement shall be 2". HMA mix IL-9.5, N50, Mix "C" in accordance with Section 1030 of IDOT *Standard Specifications*. Tack coat shall be SS-1 in accordance with section 1032 of IDOT *Standard Specifications*. HMA Driveway pavement shall be placed over 8" compacted aggregate base course of CA-6 gradation.

Public HMA roadway work shall be in conformance with Section 406 of IDOT *Standard Specifications*. HMA binder shall be Mil IL-19.0, N70 with a minimum compacted lift of 2.5". HMA Surface shall be IL-9.5, N50, with a minimum compacted lift of 1.5". Pavement shall be placed over 12" compacted aggregate base course of CA-6 gradation.

PCC Curb and Gutter work shall be in conformance with Section 606 of IDOT *Standard Specifications* and Standard 606001. Curb and gutter shall match existing type.

7.3 Restoration of Existing Landscaping, Fencing, and Miscellaneous

Work at a number of locations will inevitably impact existing landscaping features, fencing or other features that exist near the proposed service repair. The District will document pre-existing conditions by video recording prior to the start of work. It is recommended the Contractor do the same.

Where special landscaping, fencing or other items will be impacted they shall be removed and stored for reinstallation, if possible, or replaced. Any items/materials damaged by construction shall be removed and disposed of by the Contractor. Replacement materials shall be of same manufacturer, color, type, grade, etc., as the items removed. If materials of same manufacture are not available, Contractor shall submit material specifications and samples for District-approval prior to delivery to the site or installation.

7.4 Seeding

Turf areas disturbed by construction shall be seeded according to all applicable specifications and as directed by the District. The Contractor shall make certain that all disturbed areas have the same depth (4" minimum) and quality of approved topsoil as existed prior to construction.

The seeding mixture used shall be compatible with the existing ground cover or as indicated under easement requirements and shall be acceptable to the District. Maintainable lawn areas shall be

seeded with IDOT Class I seeding mixture. Existing non-maintained turf areas shall be seeded with IDOT Class 3-slope mixture or as indicated under specific easement requirements.

Reference is made to the *General Provisions and Technical Specifications for Sanitary Sewer Construction*, T.S. 4:2, for specifications on seeding and sodding and fertilizer, and to Sections 250, and 251 of the *IDOT Standard Specifications for Road and Bridges Construction*, current edition.

7.5 Required Submittals

1. Concrete mix design; specify driveway, sidewalk or curb and gutter.
2. HMA mix design; specify private drive or public roadway.
3. Aggregate material certifications.
4. Seeding mixture certifications.

7.6 Payment

Payment for Restoration Work shall be included in the Contract Lump Sum unit price per street address for the various sanitary sewer service repairs.

8 Safety and Traffic Control

8.1 General

The work described under this Contract includes work with sanitary sewers, an environment deemed hazardous by State and Federal authorities. The Contractor shall employ all safety measures appropriate for such work and shall be solely responsible for the safety of all operations. The Contractor shall comply with all State, Local and OSHA regulations.

During the course of construction, the Contractor shall keep a minimum of one lane of traffic open through any affected streets.

The Contractor shall comply with all rules and regulations of the State, County and City authorities regarding closing or restricting the use of public streets or highways. No public or private road shall be closed, except by express permission of the District. The work shall be conducted in a manner that will minimize any impact to traffic and normal commercial activities. Contractor shall protect all disturbed work areas within traveled roadways by installing approved signs, barricades, and lights where necessary for the safety of the public.

Contractor shall provide and install signage for sidewalk closures in accordance with IDOT Standard 701801-05.

The Contractor shall notify the appropriate roadway authority a minimum of seventy-two (72) hours prior to beginning any work for approval of traffic control in any affected streets, as well as required detour routes, signing and permits.

The Contractor shall provide access to the residences and/or businesses, schools, etc., at all times (i.e., drives and roadways must remain open; ramps must be provided as necessary) over the course of this Contract.

Flagman: When required by regulation or when deemed necessary for safety, the Contractor shall furnish flagmen and/or guards and other traffic regulatory devices.

8.2 Required Submittals – Not Used.

8.3 Payment

Payment for Safety and Traffic Control shall be included in the Contract Lump Sum price per street address for the various sanitary sewer service repairs.

Not to be used for bidding purposes

Section II
Contract Forms

Proposal

Project: 2020-2021 Service Cleanout Installations, Capital Project No. 2101

Location: RRWRD Drainage Basins 075 and 116
East of N. Alpine Road and North of Guilford Road
Rockford, Illinois

Completion Date: October 30, 2020

Liquidated Damages: \$300/calendar day per each completion date deadline

To: Board of Trustees
Rock River Water Reclamation District
3501 Kishwaukee Street
Rockford, IL 61109

From: _____
(Individual, Partnership or Corporation, as case may be)

(Address of Individual, Partnership or Corporation)

Gentlemen:

I (We), the undersigned, hereby propose to furnish all materials, equipment, tools, services, labor, and whatever else may be required to construct and place in service the above subject Sanitary Sewer for the Rock River Water Reclamation District all in accordance with the plans and specifications, provided by the Rock River Water Reclamation District. The undersigned also affirms and declares:

1. That I (we), have, examined and am (are) familiar with all the related contract documents and found that they are accurate and complete and are approved by the undersigned.
2. That I (we), have carefully examined the site of the work, and that, from my (our) investigation, has satisfied myself (ourselves) as to the nature and location of the work, the character, quality, and quantity of materials and the kind and extent of equipment and other facilities needed for the performance of the work, the general and local conditions and all difficulties to be encountered, and all other items which may, in any way, effect the work or its performance.
3. That this bid is made without any understanding, agreement or connection with any other person, firm, or corporation making a bid for the same purposes, and is in all respects fair and

without collusion or fraud; and that I (we) are not barred from bidding as a result of a bid-rigging or bid-rotating conviction.

4. That accompanying the Proposal is a Bidder's Bond in the amount specified in Article 1, Notice to Bidders, payable to the Board of Trustees of the Rock River Water Reclamation District, which it is agreed, shall be retained as liquidated damages by said Rock River Water Reclamation District if the undersigned fails to execute the Contract in conformity with the contract documents incorporated in the contract documents and furnish bond as specified, within ten (10) days after notification of the award of the contract to the undersigned.
5. The Bidder is of lawful age and that no other person, firm or corporation has any interest in this Proposal or in the Contract proposed to be entered into.
6. The Bidder is not in arrears to the Rock River Water Reclamation District, upon debt or contract, and is not a defaulter, as surety or otherwise, upon any obligation to the Rock River Water Reclamation District.
7. No officer or employee or person whose salary is payable in whole or in part by the District is, shall be or become interested, directly or indirectly as a contracting party, partner, stockholder, surety or otherwise, in this Proposal, or in the performance of the Contract, or in the work to which it relates, or in any portion of the profits thereof.
8. The Bidder which I represent complies with all applicable requirements of the Americans with Disabilities Act (ADA) and the Occupational Safety and Health Act (OSHA) and that if said bidder is awarded a contract, it will complete all OSHA-required or ADA-required employee and customer training, will make available all required information, and will hold harmless and indemnify the District and the District's representatives.

In regard to participation in an approved Apprenticeship program, upon request, Contractor will be required to provide written proof of participation.
9. The undersigned, as Bidder, declares that he has adopted and promulgated written sexual harassment policies in accordance with Public Act 99-093 and will make this information available upon request.
10. Public Act 100-1177 requires the Bidder to comply with prevailing wages in accordance with the Illinois Department of Labor Standards. The State of Illinois requires contractors and subcontractors on public works projects (including Rock River Water Reclamation District) to submit certified payroll reports via the State's Certified Transcript of Payroll Portal found at <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/certifiedtranscriptofpayroll.aspx>.
11. The undersigned, as Bidder, declares he will comply with the Federal Drug Free Workplace Act.
12. The undersigned, as Bidder, declares he will comply with Public Act 83-1030 entitled "Steel Products Procurement Act".
13. The undersigned, as Bidder, declares he will comply with Public Act 96-929 (30 ILCS 570) regarding Illinois residents' employment.
14. The undersigned, as Bidder, declares he will comply with non-discrimination in employment in accordance with the Illinois Fair Employment Practices Commissions Rules & Regulations.

15. The undersigned, as Bidder, declares that he currently participates in an apprenticeship or training program that is registered with the United States Department of Labor's Bureau of Apprenticeship and Training or other acceptable State of Illinois Department of Labor monitored program.

In submitting this bid, it is understood that the right is reserved by the Rock River Water Reclamation District to reject any and all bids. It is agreed that this bid may not be withdrawn for a period of sixty (60) days from the opening thereof.

The undersigned further declares that he (they) has (have) carefully examined the following items of work and that the cost of all the work to complete this project is given in this Proposal.

Not to be used for bidding purposes

Item No.	Quantity	Unit	Description		Unit Price (In Writing)	Unit Price (In Figures)	Total Price (In Figures)
1	LS	1	1511 Apache Dr	6" CO			
2	LS	1	1507 Apache Dr	6" CO			
3	LS	1	1405 Apache Dr	6" CO			
4	LS	1	1401 Apache Dr	6" CO			
5	LS	1	1508 Apache Dr	6" CO			
6	LS	1	4617 Augustana Dr	6" CO			
7	LS	1	4703 Augustana Dr	6" CO			
8	LS	1	4708 Cayuga Rd	6" CO			
9	LS	1	4712 Cayuga Rd	6" CO			
10	LS	1	4720 Cayuga Rd	6" CO			
11	LS	1	4724 Cayuga Rd	6" CO			
12	LS	1	4826 Cayuga Rd	6" CO			
13	LS	1	4707 Cayuga Rd	6" CO			
14	LS	1	4711 Cayuga Rd	6" CO			
15	LS	1	4719 Cayuga Rd	6" CO			
16	LS	1	4723 Cayuga Rd	6" CO			
17	LS	1	4801 Cayuga Rd	6" CO			
18	LS	1	4817 Cayuga Rd	6" CO			
19	LS	1	1411 Comanche Dr	6" CO			
20	LS	1	4714 Highcrest Rd	6" CO			
21	LS	1	4718 Highcrest Rd	6" CO			
22	LS	1	4722 Highcrest Rd	6" CO			
23	LS	1	4804 Highcrest Rd	6" CO			
24	LS	1	4808 Highcrest Rd	6" CO			
25	LS	1	4713 Highcrest Rd	6" CO			

Item No.	Quantity	Unit	Description		Unit Price (In Writing)	Unit Price (In Figures)	Total Price (In Figures)
26	LS	1	4717 Highcrest Rd	6" CO			
27	LS	1	4721 Highcrest Rd	6" CO			
28	LS	1	4803 Highcrest Rd	6" CO			
29	LS	1	4807 Highcrest Rd	6" CO			
30	LS	1	5007 Highcrest Rd	6" CO			
31	LS	1	5101 Highcrest Rd	6" CO			
32	LS	1	5105 Highcrest Rd	6" CO			
33	LS	1	5109 Highcrest Rd	6" CO			
34	LS	1	5113 Highcrest Rd	6" CO			
35	LS	1	5117 Highcrest Rd	6" CO			
36	LS	1	5121 Highcrest Rd	6" CO			
37	LS	1	5125 Highcrest Rd	6" CO			
38	LS	1	5008 Highcrest Rd	6" CO			
39	LS	1	5012 Highcrest Rd	6" CO			
40	LS	1	5102 Highcrest Rd	6" CO			
41	LS	1	5106 Highcrest Rd	6" CO			
42	LS	1	5118 Highcrest Rd	6" CO			
43	LS	1	5122 Highcrest Rd	6" CO			
44	LS	1	5126 Highcrest Rd	6" CO			
45	LS	1	5110 Highcrest Rd	6" CO			
46	LS	1	5114 Highcrest Rd	6" CO			
47	LS	1	4702 Mohawk Rd	6" CO			
48	LS	1	4714 Mohawk Rd	6" CO			
49	LS	1	4722 Mohawk Rd	6" CO			
50	LS	1	4804 Mohawk Rd	6" CO			

Item No.	Quantity	Unit	Description		Unit Price (In Writing)	Unit Price (In Figures)	Total Price (In Figures)
51	LS	1	4725 Mohawk Rd	6" CO			
52	LS	1	4815 Mohawk Rd	6" CO			
53	LS	1	4817 Mohawk Rd	6" CO			
54	LS	1	4817.5 Mohawk Rd	6" CO			
55	LS	1	4901 Mohawk Rd	6" CO			
56	LS	1	4905 Mohawk Rd	6" CO			
57	LS	1	4909 Mohawk Rd	6" CO			
58	LS	1	4618 Ottawa Rd	6" CO			
59	LS	1	4614 Ottawa Rd	6" CO			
60	LS	1	4610 Ottawa Rd	6" CO			
61	LS	1	4606 Ottawa Rd	6" CO			
62	LS	1	4802 Ottawa Rd	6" CO			
63	LS	1	4806 Ottawa Rd	6" CO			
64	LS	1	4810 Ottawa Rd	6" CO			
65	LS	1	4814 Ottawa Rd	6" CO			
66	LS	1	4605 Ottawa Rd	6" CO			
67	LS	1	4703 Ottawa Rd	6" CO			
68	LS	1	4801 Ottawa Rd	6" CO			
69	LS	1	4805 Ottawa Rd	6" CO			
70	LS	1	4809 Ottawa Rd	6" CO			
71	LS	1	1404 Comanche Dr	6" CO			
72	LS	1	1318 Comanche Dr	6" CO			
73	LS	1	1314 Comanche Dr	6" CO			
74	LS	1	1310 Comanche Dr	6" CO			
75	LS	1	1302 Comanche Dr	6" CO			

Item No.	Quantity	Unit	Description		Unit Price (In Writing)	Unit Price (In Figures)	Total Price (In Figures)
76	LS	1	1224 Comanche Dr	6" CO			
77	LS	1	1403 Comanche Dr	6" CO			
78	LS	1	1315 Comanche Dr	6" CO			
79	LS	1	1227 Comanche Dr	6" CO			
80	LS	1	1216 Comanche Dr	6" CO			
81	LS	1	4604 Mohawk Rd	6" CO			
82	LS	1	4608 Mohawk Rd	6" CO			
83	LS	1	4607 Mohawk Rd	6" CO			
84	LS	1	4611 Mohawk Rd	6" CO			
85	LS	1	4615 Mohawk Rd	6" CO			
86	LS	1	4619 Mohawk Rd	Replacement - 4" Sleeved Service			
87	LS	1	4622 Ottawa Rd	Replacement - 4" Sleeved Service			
88	LS	1	4728 Ottawa Rd	Replacement - 4" Sleeved Service			
89	LS	1	4727 Ottawa Rd	Replacement - 4" Sleeved Service			
90	LS	1	4619 Highcrest Rd	Replacement - 4" Sleeved Service			

Item No.	Quan- tity	Unit	Description		Unit Price (In Writing)	Unit Price (In Figures)	Total Price (In Figures)
91	LS	1	4815 Ottawa Rd	Replacement - 4" Sleeved Service			
92	LS	1	4732 Ottawa Rd	Replacement - 4" Sleeved Service			
93	LS	1	4809 Cayuga Rd	Replacement - 4" Sleeved Service			
94	LS	1	Exploratory Excavation				
TOTAL BID PRICE:							
					(In Writing)		(In Figures)

The undersigned acknowledges receiving Addendum numbers _____, _____, _____, and realizes that all Addenda are considered part of the contract.

By: _____

Name: _____ Title: _____ Date: _____

Fair Employment Practices Affidavit of Compliance

Project: 2020-2021 Service Cleanout Installations, Capital Project No. 2101

NOTE: THE BIDDER MUST EXECUTE THIS AFFIDAVIT AND SUBMIT IT WITH ITS SIGNED BID. THE ROCK RIVER WATER RECLAMATION DISTRICT CANNOT ACCEPT ANY BID WHICH DOES NOT CONTAIN THIS AFFIDAVIT

_____, being first duly sworn, deposes and says that:
(Name of person making affidavit)

They are: _____ of _____
(Officer's Title) (Company Name)

that said company is and "Equal Opportunity Employer" as defined by Section 2000(e) of Chapter 21, Title 42 of the United States Code annotated and Federal Executive Orders #11375 which are incorporated herein by reference;

and that said company will comply with any and all requirements of Title 44 Admin. Code 750. APPENDIX A – Equal Opportunity Clause, Rules and Regulations, Illinois Department of Human Rights, which read as follows:

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

1. That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, marital status, national origin or ancestry, citizen status, age, physical or mental handicap unrelated to ability, sexual orientation, military status or an unfavorable discharge from military service; and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.
2. That, if he or she hires additional employees in order to perform this contract or any portion of this contract, he or she will determine the availability (in accordance with the Department's Rules and Regulations) of minorities and women in the areas from which he or she may reasonably recruit and he or she will hire for each job classification for which employees are hired in a way that minorities and women are not underutilized.
3. That, in all solicitations or advertisements for employees placed by him or her or on his or her behalf, he or she will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, sexual orientation, marital status, national origin or ancestry, citizenship status, age, physical or mental handicap unrelated to ability, sexual orientation, military status or an unfavorable discharge from military service.
4. That he or she will send to each labor organization or representative of workers with which he or she has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the contractor's obligations under the Illinois Human Rights Act and the Department's Rules and Regulations. If any labor organization or representative fails or refuses to cooperate with the contractor in his or her efforts to comply with such Act and Rules and Regulations, the contractor will promptly so notify the Department and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations under the contract.
5. That he or she will submit reports as required by the Department's Rules and Regulations, furnish all relevant information as may from time to time be requested by the Department or the contracting agency, and in all respects comply with the Illinois Human Rights Act and the Department's Rules and Regulations.
6. That he or she will permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency and the Department for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and the Department's Rules and Regulations.
7. That he or she will include verbatim or by reference the provisions of this clause in every subcontract awarded under which any portion of the contract obligations are undertaken or assumed, so that the provisions will be binding upon the subcontractor. In the same manner as with other provisions of this contract, the contractor will be liable for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the contracting agency and the Department in the event any subcontractor fails or refuses to comply with the provisions. In addition, the contractor will not utilize any subcontractor declared by the Illinois Human Rights Commission to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

(Source: Amended at 32 Ill. Reg. 16484, effective September 23, 2008)"

IL Dept of Human Rights Registration No.: _____ Expiration Date: _____

Signature

Subscribed and sworn to before me this _____ day of _____, 20_____.

Notary Public

Bid Bond

KNOW ALL MEN BY THESE PRESENTS, that we:

_____ (hereinafter called the Principal) and

_____ (hereinafter called the Surety)

a Corporation chartered and existing under the laws of the State of _____ with its principal offices in the City of _____ and authorized to do business in the State of Illinois are held and firmly bound onto the Rock River Water Reclamation District of Winnebago County, Illinois (District), in the full and just sum of: **FIVE PERCENT (5%) OF THE TOTAL BID PRICE** good lawful money of the United States of America, to be paid upon demand of the District, to which payment will and truly to be made we bind ourselves, our heirs, executors, administrators, and assigns, jointly and severally and firmly by these presents.

WHEREAS, the Principal is about to submit, or has submitted to the District, a proposal for constructing Sanitary Sewers and Appurtenances.

WHEREAS, the Principal desires to file this bond, in accordance with law, to accompany this Proposal.

NOW THEREFORE, The conditions of this obligation are such that if the Proposal be accepted, the Principal shall, within ten days after the date of receipt of a written notice of award of Contract, execute a Contract in accordance with the Proposal and upon the terms, conditions, and prices set forth therein, in the form and manner required by the District, and execute a sufficient and satisfactory Contract Performance Bond payable to said District in an amount of one hundred percent (100%) of the Contract price (including alternates) in form and with security satisfactory to said District, then this obligation to be void, otherwise to be and remain in full force and virtue in law; and the Surety shall, upon failure of the Principal to comply with any or all of the foregoing requirements within the time specified above, immediately pay to the aforesaid District, upon demand, the amount hereof in good and lawful money of the United States of America, not as a penalty, but as liquidated damages.

IN TESTIMONY THEREOF, the Principal and Surety have caused these presents to be duly signed
and sealed this _____ day of _____, 20_____.

Principal

(Seal)

By _____

Name: _____

Title: _____

Date: _____

Attest:

Secretary

Surety

(Seal)

By _____

Name: _____

Title: _____

Date: _____

Agreement

1. General

THIS AGREEMENT, made and concluded this ____ day of _____, 2020, between the Rock River Water Reclamation District, Rockford, Illinois (District), acting by and through the Board of Trustees, and _____, his/their executors, administrators, successors or assigns:

2. Scope of Work

WITNESSETH: That for and in consideration of the payments and agreements made in the Proposal attached hereto, to be made and performed by the District and according to the terms expressed in the Bond referring to these presents, the Contractor agrees with the District at his/their own proper cost and expense to do all the work, furnish all equipment, materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this agreement and the requirements of the District and its representative.

And it is also understood and agreed that the Bidding Requirements, Detailed Specifications, Contract Forms, General Conditions, General Requirements, Technical Specifications, Plans, Addenda, and provisions required by law are all essential documents of the contract, and are a part hereof, as if herein set out verbatim or as if attached, except for titles, subtitles, headings, table of contents and portions specifically excluded.

3. Contract Price

The District shall pay to the Contractor, and the Contractor shall accept, in full payment for the performance of this Contract, subject to any additions or deductions provided for hereby, in current funds, the Total Contract Price of _____ and 00/100 (\$_____).

Payments are to be made to the Contractor in accordance with and subject to the provisions of Section 7 of this Agreement, which is a part of this Contract.

4. Bond

The Contractor has entered into and herewith tenders a bond of even date herewith, in the penal sum of _____ and 00/100 (\$_____) to insure the faithful performance of this Contract, which said bond is hereby made a part of this Contract by reference.

5. Maintenance and Guarantee

The Contractor shall promptly repair, replace, restore or rebuild any imperfections that may arise and shall maintain satisfactory to the District all work for a period three years from the date of final acceptance of the Contract for trench settlement and for a period of two years all other work, except where periods of maintenance and guarantee are provided for. The Contractor shall, for this period, indemnify and save harmless the District, its officers and agents from any injury done to

property or persons as a direct or alleged result of imperfections in the Contractors' work, and shall immediately assume and take charge of the defense of such action or suits in like manner and to all intents and purposes as if said actions and suits had been brought directly against the Contractor.

If the Contractor shall fail to repair, replace, rebuild or restore such defective or damaged work promptly after receiving notice given by the District, the District shall have the right to have the work done by others and to call on the Contractor and his bondsman to pay the costs thereof.

6. Contract Execution

IT IS EXPRESSLY UNDERSTOOD AND AGREED that the entire improvement shall be done in a thorough and workmanlike manner, under the direction and to the satisfaction of the District and in full compliance with all the requirements of its representative under them. All loss or damage arising out of the nature of the work to be done, or from any detention of unforeseen obstruction or difficulty which may be encountered in the prosecution of the work, or from the action of the elements, shall be sustained by the Contractor.

The Contractor will be held responsible for all accidents, and hereby agrees to indemnify and protect the District from all suits, claims, and actions brought against it, and all cost, and damages which the District may be put to by reason of an injury or alleged injury, to the person or property of another in the execution of this contract, or the performance of the work, or in guarding the same, or for any material used in its prosecution or in its construction.

Any person employed on the work who shall refuse or neglect to obey the directions of the District or its representative, or who shall be deemed by the District to be incompetent, or who shall be guilty of any disorderly conduct, or who shall commit any trespass on any public or private property in the vicinity of the work, shall at once be removed from the work by the Contractor when so requested by the District.

Any request to extend the contract completion date must be considered by the Board at the Board meeting prior to the then-existing contract termination date. Any deviation from this action will result in the liquidated damage clause in the contract to be exercised.

7. Payments to Contractor

The District hereby covenants and agrees, in consideration of the covenants and agreements in this Contract, specified to be kept and performed by the Contractor and subject to the conditions herein contained, and if the District receives an acceptable invoice prior to the tenth day of the month and receives approval of the work by the District Engineering Manager, the District shall issue payment before the fifth day of the succeeding month. If the District receives an acceptable invoice on or after the tenth day of the month, the District shall issue payment before the fifth day of the second succeeding month.

The District reserves the right at all times to refuse to issue payment in case the Contractor has neglected or failed to pay any subcontractors, workmen or employee on the work.

8. Subcontracts

No part of the work herein provided for shall be sublet or subcontracted without the express consent of the District, to be entered in the records, and in no case shall consent relieve the Contractor from the obligation herein entered into, or change the terms of this Agreement.

9. Contractor's Responsibility

This Contract shall extend to and be binding upon the successors and assigns, and upon the heirs, administrators, executors, and legal representatives of the Contractor.

In consideration of and to induce the award of this Contract to him, the Contractor represents and warrants: that he is not in arrears to the District upon debt of the Contract and that he is not a defaulter, as surety, contractor or otherwise; that he is financially solvent and sufficiently experienced and competent to perform the work; that the work can be performed as called for by the Contract; that the facts stated in his proposal and the information given by him is true and correct in all respects, and that he is fully informed regarding all the conditions affecting the work to be done and labor and materials to be furnished for the completion of this Contract and that his information was secured by personal investigation and research.

Public Act 100-1177 requires the Contractor to comply with prevailing wages in accordance with the Illinois Department of Labor Standards. The State of Illinois requires contractors and subcontractors on public works projects (including Rock River Water Reclamation District) to submit certified payroll reports via the State's Certified Transcript of Payroll Portal found at <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/certifiedtranscriptofpayroll.aspx>.

In regard to nondiscrimination in employment, Contractor will be required to comply with the Illinois Fair Employment Practices Commission's Rules and Regulations as provided herein.

The Contractor shall comply with the American Disabilities Act of 1990 (ADA). The Contractor will hold harmless and indemnify the District and their representatives from all:

- (a) suits, claims, or actions;
- (b) costs, either for defense (including but not limited to reasonable attorney's fees and expert witness fees) or for settlement, and;
- (c) damages of any kind (including but not limited to actual, punitive, and compensatory damages)

relating in any way to or arising out of the ADA, to which said firm is exposed or which it incurs in the execution of the contract.

Contractor shall also comply with Public Act 99-0933, which requires any party to a contract to adopt and enforce a written policy regarding sexual harassment that includes, as a minimum, the following information:

- (a) the illegality of sexual harassment
- (b) the definition of sexual harassment under Illinois State law;
- (c) a description of sexual harassment, utilizing examples;
- (d) my (our) organization's internal complaint process including penalties;
- (e) through the Illinois Department of Human Rights and the Illinois Human Rights Commission;

- (f) directions on how to contact the Department and the Commission; and
- (g) protection against retaliation as provided by Section 6-101 of the Illinois Human Rights Act.

Upon request this information will be provided to the Illinois Department of Human Rights. Upon District award of a contract, the District will be provided this information described no more than ten working days after the District issues its award notification.

The Contractor shall comply with Article 2 of Public Act 83-1472 which provides that Illinois residents be employed on Illinois public works projects, provided there has been a period of excessive unemployment (5%) in the State of Illinois as defined in the Act; and further, that Illinois workers are available and capable of performing the particular type work involved.

The Contractor shall comply with all rules and regulations of OSHA during the execution of this Contract.

The Contractor shall comply with the Federal Drug Free Workplace Act.

The Steel Products Procurement Act, Illinois Public Act 83-1030, requires that steel products used or supplied in performance of this Contract or subcontract shall be manufactured or produced in the United States with three exceptions, as explained in the Instructions to Bidders.

The Contractor shall comply with Public Act 96-1416 regarding the disposal of CCDD and uncontaminated soil at CCDD fill sites as explained in the Instructions to Bidders.

10. Time

Work under this Agreement shall be commenced upon written Notice to Proceed. The completion date for this project shall be October 30, 2020.

11. Liquidated Damages

The amount of liquidated damages shall be \$300.00 per calendar day.

12. Counterparts

This Agreement may be executed and recorded in counterparts, each of which shall be deemed an original and all of which, when taken together, shall constitute one and the same instrument. The Parties hereby acknowledge and agree that facsimile signatures or signatures transmitted by electronic mail in so-called "pdf" format shall be legal and binding and shall have the same full force and effect as if an original of this Agreement had been delivered. Each of the parties (a) intend to be bound by the signatures on any document sent by facsimile or electronic mail, (b) are aware that the other party will rely on such signatures, and (c) hereby waive any defenses to the enforcement of the terms of this Agreement based on the foregoing forms of signature.

13. Seals

IN WITNESS WHEREOF, the parties have hereunto set their hands and seals, and such of them as are corporations have caused these presents to be signed by their duly authorized officers.

**Rock River Water Reclamation District
Winnebago County, Illinois**

(Seal)

By _____
President, Board of Trustees

ATTEST: _____
Clerk of the Board

Contractor

(Corporate Seal)

By _____
Contractor's Officer

Name: _____

Title: _____

Date: _____

ATTEST: _____

Labor & Material Payment Bond

TO: _____ Contractor Name

_____ Contractor City, State

KNOW ALL MEN BY THESE PRESENTS

That _____ (Contractor)

as Principal, and _____

a corporation of the State of _____ as Surety, are held and firmly bound unto the Rock River Water Reclamation District, as Obligee, for the use and benefit of claimants as hereinafter defined in the amount of

_____ Dollars (\$ _____), for the payment where of Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, Principal has by written agreement dated _____ 20__ Entered into a Contract with Obligee for _____ in accordance with contract documents prepared by the Rock River Water Reclamation District which Contract is by reference made a part hereof, and is hereinafter referred to as "the Contract".

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if Principal shall promptly pay for all laborers, workers and mechanics engaged in the work under the Contract, and not less than the general prevailing rate of hourly wages of a similar character in the locality in which the work is performed, as determined by the State of Illinois Department of Labor pursuant to the Illinois Compiled Statutes 280 ILCS 130 / 1-12 et.seq. and for all material used or reasonably required for use in the performance of the Contract, then this obligation shall be void; otherwise it shall remain in full force and effect.

1. A claimant is deemed as any person, firm, or corporation having contracts with the Principal or with any of Principal's subcontractors for labor or materials furnished in the performance of the Contract on account of which this Bond is given.
2. Nothing in this Bond contained shall be taken to make the Obligee liable to any subcontractor, material man or laborer, or to any other person to any greater extent than it would have been liable prior to the enactment of The Public Construction Bond Act, approved June 20, 1931, as amended; provided further, that any person having a claim for labor and materials furnished in the performance of the Contract shall have no right of action unless he shall have filed a verified notice of such claim with the Obligee within 180 days after the date of the last item of work or the furnishing of the last item of materials, which claim shall have been verified and shall contain the name and address of the claimant, the business address of the claimant within the State of Illinois, if any, or if the claimant be a foreign corporation having no place of business within the State the principal place of business of the corporation, and in all cases of partnership the names and residences of each of the partners, the name of the Contractor

for the Obligee, the name of the person, firm or corporation by whom the claimant was employed or to whom such claimant furnished materials, the amount of the claim and a brief description of the public improvement for the construction or installation of which the contract is to be performed. No defect in the notice herein provided for shall deprive the claimant of its right of action under the terms and provisions of this Bond unless it shall affirmatively appear that such defect has prejudiced the rights of an interested party asserting the same.

3. No action shall be brought on this Bond until the expiration of 120 days after the date of the last item of work or of the furnishing of the last item of material except in cases where the final settlement between Obligee and the Contractor shall have been made prior to the expiration of the 120 day period, in which case action may be taken immediately following such final settlement; nor shall any action of any kind be brought later than 6 months after the acceptance by the Obligee of the work. Such suit shall be brought only in the circuit court of this State in the judicial district in which the Contract is to be performed.
4. Surety hereby waives notice of any changes in the Contract, including extensions of time for the performance thereof.
5. The amount of this Bond shall be reduced by and to the extent of any payment or payments made in good faith hereunder.
6. The Principal and Surety shall be liable for any attorneys' fees, engineering costs, or court costs incurred by the Obligee relative to claims made against this Bond.

Signed and Sealed this _____ day of _____, 20____.

CONTRACTOR

SURETY

Contractor Firm Name

By: _____
Signature

Printed Name

Title

By: _____
Attorney-in-Fact Signature

Printed Name

Resident Agent

ATTEST:

Corporate Secretary (Corporations only)

Performance Bond

KNOW ALL MEN BY THESE PRESENTS, that WHEREAS, the Rock River Water Reclamation District has awarded to: _____ hereinafter designated as the "Principal", a contract, dated, _____, for the Rock River Water Reclamation District.

WHEREAS, said Principal is required under the terms of said Contract to furnish a bond for the faithful performance of said Contract (the "Bond");

NOW, THEREFORE, we the Principal and _____, as Surety, are firmly bound unto the Rock River Water Reclamation District in the penal sum of _____ Dollars (\$ _____) lawful money of the United States for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally firmly by these presents for a performance bond. The conditions of this obligation is such that if the said Principal does well and faithfully performs all the conditions and covenants of said Contract, according to the true intent and meaning thereof, upon its part to be kept and performed, then the above obligation is to be null and void, otherwise to remain in full force and effect.

THE CONDITION OF THIS OBLIGATION IS SUCH, that if the above bounden Principal, its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions and agreements in the said Contract, including the provisions for liquidated damages in the said Contract, any changes, additions or alterations thereof made as therein provided, on its part, to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless the Rock River Water Reclamation District, its officers and agents, as therein stipulated, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect. And the said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the work to be performed thereunder or the specifications accompanying the same and no inadvertent overpayment of progress payments shall in any way affect its obligations on this Bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the work or to the specifications or of any inadvertent overpayment of progress payments. The Rock River Water Reclamation District shall be named as beneficiary on this Performance Bond.

IN WITNESS WHEREOF, the above-bounden parties have executed this instrument under their seal this _____ day of _____, 20_____, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

CONTRACTOR

SURETY

Contractor Firm Name

By: _____
Signature

Printed Name

Title

By: _____
Attorney-in-Fact Signature

Printed Name

Resident Agent

ATTEST:

Corporate Secretary (Corporations only)

Section III

Service List

2019-2020 SERIVCE CLEANOUT INSTALLATION, CAPITAL PROJECT 2001
SERVICE LIST

Item#	Map #	Address	PIN	Location	Depth	Length	Diameter	Material	Wye ²	Work Type ³	POTENTIAL ISSUES ¹							COMMENTS
											Sidewalk	Driveway	Steps	Landscaping	Fence	OH Utilities	Curb & Gutter	
1	2	1511 Apache Dr	12-17-453-036	25NS	8	30	6"	VCP	233	6" CO				X				
2	2	1507 Apache Dr	12-17-453-037	32NS	8	30	6"	VCP	162	6" CO	X							Potential tree trimming required.
3	18	1405 Apache Dr	12-17-453-042	36NS	8	41	6"	VCP	153.7	6" CO								
4	11	1401 Apache Dr	12-17-453-043	70.5WE	8	32	6"	VCP	220	6" CO								
5	2	1508 Apache Dr	12-17-454-042	44NS	9	29	6"	VCP	160	6" CO		X		X				Potential impact to shrubs, tree and flagstone.
6	16	4617 Augustana Dr	12-17-452-002	43WE	9	28	6"	VCP	238	6" CO	X	X		X				Potential tree trimming required.
7	16	4703 Augustana Dr	12-17-452-003	41EW	8	28	6"	VCP	156	6" CO	X			X				Potential impact to shrubs and brick pavers.
8	1	4708 Cayuga Rd	12-17-453-023	38WE	8	28	6"	VCP	152.5	6" CO	X							Private sidewalk potentially impacted.
9	1	4712 Cayuga Rd	12-17-453-024	31EW	10	32	6"	VCP	226.5	6" CO	X							Private sidewalk potentially impacted.
10	1	4720 Cayuga Rd	12-17-453-026	34.5EW	10	32	6"	VCP	90	6" CO	X							Private sidewalk potentially impacted.
11	1	4724 Cayuga Rd	12-17-453-027	31EW	8	33	6"	VCP	164	6" CO	X							Potential tree trimming required.
12	2	4826 Cayuga Rd	12-17-453-034	35.5EW	8	32	6"	VCP	67	6" CO								Potential impact to shrubs.
13	1	4707 Cayuga Rd	12-17-454-006	32WE	9	38	6"	VCP	157	6" CO	X							
14	1	4711 Cayuga Rd	12-17-454-007	32.5EW	10	28	6"	VCP	231.5	6" CO	X							
15	1	4719 Cayuga Rd	12-17-454-009	34EW	8	27	6"	VCP	85	6" CO	X							
16	1	4723 Cayuga Rd	12-17-454-010	37EW	7	28	6"	VCP	159	6" CO	X			X				Large tree +/- 10' from proposed cleanout location.
17	1	4801 Cayuga Rd	12-17-454-011	32.5EW	6	28	6"	VCP	226	6" CO	X							
18	2	4817 Cayuga Rd	12-17-454-015	17WE	10	29	6"	VCP	51	6" CO		X						
19	19	1411 Comanche Dr	12-17-454-019	40.5NS	9	30	6"	VCP	103	6" CO	X							
20	3	4714 Highcrest Rd	12-17-452-019	44EW	8.5	29	6"	VCP	303	6" CO	X							
21	3	4718 Highcrest Rd	12-17-452-020	35.5EW	10	30	6"	VCP	59	6" CO	X							
22	3	4722 Highcrest Rd	12-17-452-021	23EW	8	30	6"	VCP	126	6" CO	X							Landscaped/mulched area potentially impacted.
23	3	4804 Highcrest Rd	12-17-452-022	34.5EW	7	30	6"	VCP	199	6" CO	X			X				
24	3	4808 Highcrest Rd	12-17-452-023	25EW	6	30	6"	VCP	268	6" CO	X							
25	3	4713 Highcrest Rd	12-17-453-009	36EW	7	31	6"	VCP	283	6" CO	X							
26	3	4717 Highcrest Rd	12-17-453-010	35.5EW	8	30	6"	VCP	41	6" CO	X							
27	3	4721 Highcrest Rd	12-17-453-011	42.5EW	6	30	6"	VCP	106	6" CO	X							Flagpole potentially impacted.
28	3	4803 Highcrest Rd	12-17-453-012	32EW	8	30	6"	VCP	180	6" CO	X							
29	3	4807 Highcrest Rd	12-17-453-013	42EW	6	30	6"	VCP	260	6" CO	X							
30	14	5007 Highcrest Rd	12-17-453-046	34NS	9	20	6"	VCP	101.5	6" CO								Potential tree trimming required.
31	13	5101 Highcrest Rd	12-17-453-049	27NS	9	27	6"	VCP	202.9	6" CO	X	X		X				Potential impact to shrubs, trees, and light pole.
32	13	5105 Highcrest Rd	12-17-453-050	43.5NS	9	28	6"	VCP	134	6" CO	X							Potential tree trimming and/or removal required.
33	13	5109 Highcrest Rd	12-17-453-051	35NS	9	29	6"	VCP	50	6" CO	X							Potential tree trimming and impact to light pole.
34	13	5113 Highcrest Rd	12-17-453-052	15.2NS	7	23	6"	VCP	313	6" CO	X	X						
35	12	5117 Highcrest Rd	12-17-453-053	13.2NS	6	20	6"	VCP	236	6" CO	X							Potential tree trimming required.
36	12	5121 Highcrest Rd	12-17-453-054	6.6NS	6	25	6"	VCP	135.7	6" CO	X							Potential tree trimming required.
37	12	5125 Highcrest Rd	12-17-453-055	19.3NS	6	25	6"	VCP	71.2	6" CO	X							
38	14	5008 Highcrest Rd	12-17-476-002	21.5NS	9	38	6"	VCP	93	6" CO	X							
39	14	5012 Highcrest Rd	12-17-476-003	30.5NS	9	36	6"	VCP	37	6" CO	X			X				Potential tree trimming, impact to shrubs and landscaped/mulched area.
40	13	5102 Highcrest Rd	12-17-476-006	25NS	9	30	6"	VCP	197	6" CO	X							
41	13	5106 Highcrest Rd	12-17-476-007	47NS	9	29	6"	VCP	127.6	6" CO	X							
42	12	5118 Highcrest Rd	12-17-476-010	33NS	9	36	6"	VCP	242	6" CO	X	X		X				Potential impact to landscaping timbers.
43	12	5122 Highcrest Rd	12-17-476-011	11.5NS	9	33	6"	VCP	141	6" CO	X			X				Potential impact to landscape plantings along drive.
44	12	5126 Highcrest Rd	12-17-476-012	34.6NS	9	31	6"	VCP	77	6" CO	X	X		X				Potential impact to landscape/decorative rock.
45	13	5110 Highcrest Rd	12-17-476-028	57.65NS	9	28	6"	VCP	43	6" CO	X	X						
46	13	5114 Highcrest Rd	12-17-476-029	22.8NS	9	36	6"	VCP	318	6" CO	X							
47	7	4702 Mohawk Rd	12-17-455-001	21NS	9	22	6"	VCP	73	6" CO	X							Potential tree trimming required.
48	9	4714 Mohawk Rd	12-17-455-018	25EW	8	32	6"	VCP	58	6" CO	X							Potential tree trimming required.
49	9	4722 Mohawk Rd	12-17-455-020	33EW	8	30	6"	VCP	231	6" CO	X	X		X				Potential impact to neighboring drive, 15" pine tree and landscaping.
50	9	4804 Mohawk Rd	12-17-455-022	34.5WE	8	30	6"	VCP	115	6" CO								
51	9	4725 Mohawk Rd	12-17-456-012	26WE	8	30	6"	VCP	221	6" CO	X							
52	10	4815 Mohawk Rd	12-17-456-017	26WE	8	28	6"	VCP	277	6" CO	X							
53	10	4817 Mohawk Rd	12-17-456-018	41EW	9	29	6"	VCP	212	6" CO	X			X				Potential tree trimming and/or removal required.
54	10	4817.5 Mohawk Rd	12-17-456-019	51EW	8	29	6"	VCP	123	6" CO	X							Potential tree trimming required.
55	11	4901 Mohawk Rd	12-17-456-022	28WE	8	36	6"	VCP	230	6" CO	X			X				Potential impact to private sidewalk.
56	11	4905 Mohawk Rd	12-17-456-023	19WE	8	51	6"	VCP	117	6" CO	X	X						
57	11	4909 Mohawk Rd	12-17-456-024	51.8WE	8	27	6"	VCP	96	6" CO	X							Potential tree trimming required.
58	7	4618 Ottawa Rd	12-17-454-025	28NS	9	73	6"	VCP	311	6" CO		X		X				Potential impact to light pole.
59	7	4614 Ottawa Rd	12-17-454-026	38.5NS	9	38	6"	VCP	264	6" CO								Potential tree trimming required.
60	7	4610 Ottawa Rd	12-17-454-027	31NS	9.5	37	6"	VCP	196	6" CO								
61	7	4606 Ottawa Rd	12-17-454-028	25NS	9	41	6"	VCP	127	6" CO								Potential tree trimming required.
62	4	4802 Ottawa Rd	12-17-454-038	36WE	9	29	6"	VCP	195	6" CO								
63	4	4806 Ottawa Rd	12-17-454-039	34WE	9	29	6"	VCP	125	6" CO	X							Potential impact to light pole.
64	4	4810 Ottawa Rd	12-17-454-040	39WE	9	29	6"	VCP	53	6" CO				X				Potential impact to shrubs and landscaping/decorative rocks.
65	4	4814 Ottawa Rd	12-17-454-041	47WE	10	29	6"	VCP	221	6" CO				X				Potential tree trimming and/or removal required.
66	7	4605 Ottawa Rd	12-17-455-002	39.5NS	9	17	6"	VCP	137	6" CO				X				Potential impact to post and landscaping.
67	7	4703 Ottawa Rd	12-17-455-003	15NS	9	38	6"	VCP	234	6" CO		X						
68	4	4801 Ottawa Rd	12-17-455-011	34WE	9	29	6"	VCP	201	6" CO								
69	4	4805 Ottawa Rd	12-17-455-012	38WE	9	30	6"	VCP	135	6" CO				X				
70	4	4809 Ottawa Rd	12-17-455-013	36WE	9	30	6"	VCP	63	6" CO				X				Potential impact to light pole, landscape plantings.
71	5	1404 Comanche Dr	12-17-451-017	40SN	0	30	6"	VCP	40	6" CO	X							Potential tree trimming required.
72	5	1318 Comanche Dr	12-17-451-018	36SN	8.5	30	6"	VCP	103.5	6" CO	X							

											POTENTIAL ISSUES ¹							COMMENTS
Item#	Map #	Address	PIN	Location	Depth	Length	Diameter	Material	Wye ²	Work Type ³	Sidewalk	Driveway	Steps	Landscaping	Fence	OH Utilities	Curb & Gutter	
73	5	1314 Comanche Dr	12-17-451-019	29.5SN	9.5	30	6"	VCP	164	6" CO	X							Potential tree trimming required.
74	5	1310 Comanche Dr	12-17-451-020	32SN	9	30	6"	VCP	225	6" CO	X							
75	15	1302 Comanche Dr	12-17-451-022	38SN	8.5	30	6"	VCP	73	6" CO	X							Potential tree trimming required.
76	15	1224 Comanche Dr	12-17-451-023	29SN	9	30	6"	VCP	126.8	6" CO	X							Potential tree trimming required.
77	5	1403 Comanche Dr	12-17-454-021	32SN	9	30	6"	VCP	50	6" CO	X							
78	5	1315 Comanche Dr	12-17-454-022	49SN	9.5	30	6"	VCP	135	6" CO	X							Potential impact to private sidewalk.
79	15	1227 Comanche Dr	12-17-456-001	32.5SN	9	30	6"	VCP	79	6" CO								Potential tree trimming and/or removal required.
80	15	1216 Comanche Dr	12-20-201-003	34.5SN	9	30	6"	VCP	250	6" CO	X							Potential tree trimming required.
81	5	4604 Mohawk Rd	12-17-454-023	36.5SN	9.5	30	6"	VCP	198	6" CO	X							
82	6	4608 Mohawk Rd	12-17-454-029	53EW	9	30	6"	VCP	203.1	6" CO				X				Potential tree triming and/or removal required.
83	6	4607 Mohawk Rd	12-17-456-002	25.9EW	9	30	6"	VCP	122.2	6" CO	X							Potential impact to private sidewalk.
84	6	4611 Mohawk Rd	12-17-456-003	30EW	9	30	6"	VCP	188.9	6" CO	X							
85	6	4615 Mohawk Rd	12-17-456-004	26EW	9	30	6"	VCP	245.6	6" CO	X			X				Potential impact to shrubs.
86	6	4619 Mohawk Rd	12-17-456-005	25EW	9	30	6"	VCP	NA	REPLACEMENT - 4" SLEEVED SERVICE	X							Potential impact to private sidewalk.
87	8	4622 Ottawa Rd	12-17-454-024	25WE	9	75	6"	VCP	NA	REPLACEMENT - 4" SLEEVED SERVICE								
88	4	4728 Ottawa Rd	12-17-454-036	41WE	8	33	6"	VCP	NA	REPLACEMENT - 4" SLEEVED SERVICE				X				
89	4	4727 Ottawa Rd	12-17-455-009	40WE	8	28	6"	VCP	NA	REPLACEMENT - 4" SLEEVED SERVICE								
90	17	4619 Highcrest Rd	12-17-453-005	27.7EW	9	30	6"	VCP	NA	REPLACEMENT - 4" SLEEVED SERVICE	X			X				Potential impact to lightpole and landscaping.
91	4	4815 Ottawa Rd	12-17-455-014	41.8WE	9	25	6"	VCP	NA	REPLACEMENT - 4" SLEEVED SERVICE		X						Potential impact to lightpole and landscaping.
92	4	4732 Ottawa Rd	12-17-454-037	20EW	9	28	6"	VCP	NA	REPLACEMENT - 4" SLEEVED SERVICE								Potential tree trimming required.
93	2	4809 Cayuga Rd	12-17-454-013	20WE	10	27	6"	VCP	NA	REPLACEMENT - 4" SLEEVED SERVICE	X							

General: Items 6 and 7 require work in City of Rockford Right-of-Way. All other work is within Rockford Township Jurisdiction. Refer to Article 3, Part 2, Permit Requirements for more information including the appropriate contact information.

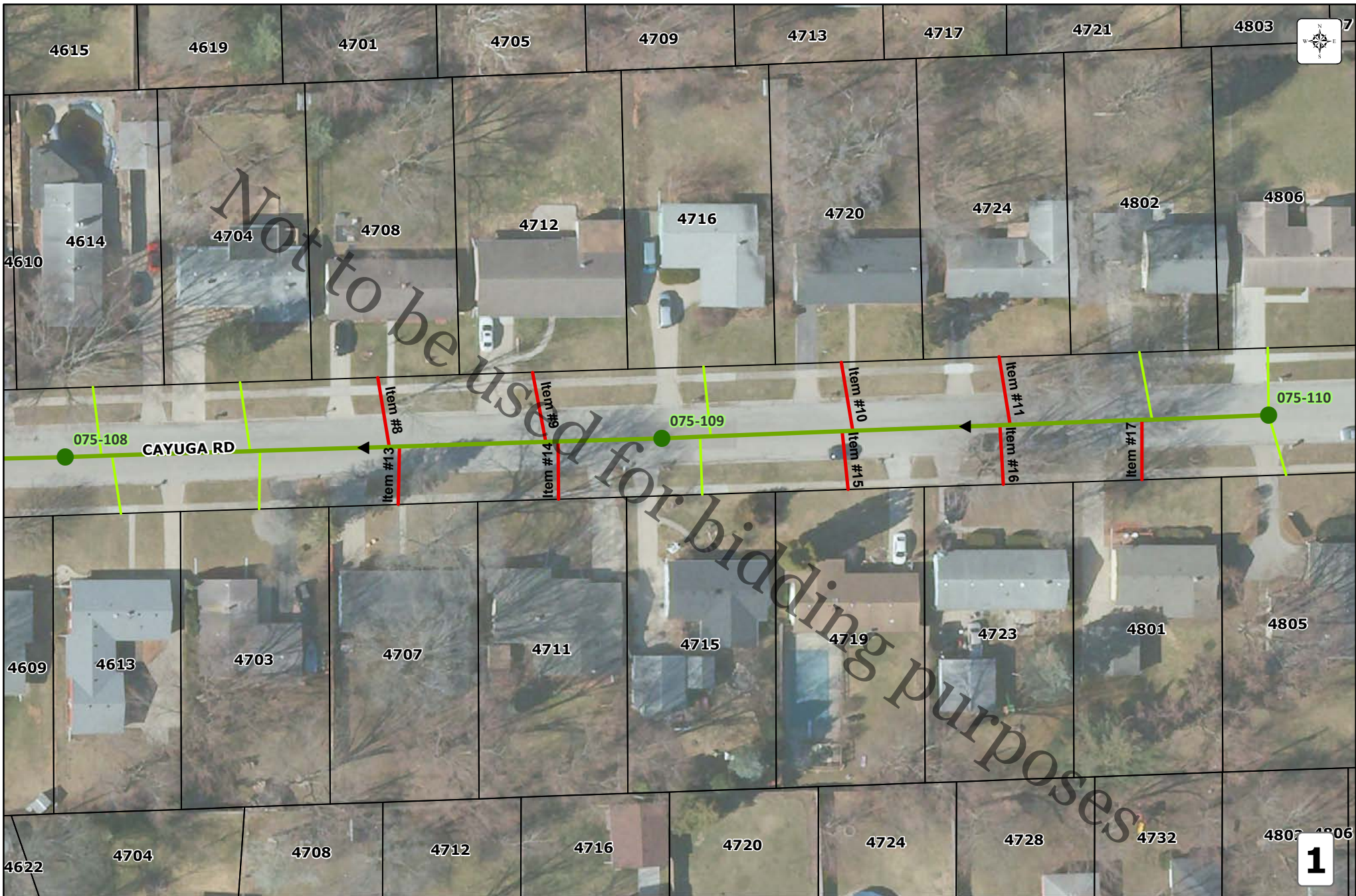
- 1

"Potential Issues" indicated above are based on District site inspections and are provided as a courtesy. Contractor is responsible to inspect the project site(s) prior to preparing his/her bid to determine impact of existing conditions on planned work. Where cast iron pipe is indicated to the curb, contractor shall assume removal and replacement of 6' to 12' of PCC curb and gutter and pavement patching as required to connect new PVC service pipe to existing VCP service pipe. No additional costs for curb and gutter or pavement will be entertained by the District. HMA pavement patch shall be a minimum of 4" of HMA installed over 12" of compacted aggregate base course.
- 2

All wye measurements provided are from the DOWNSTREAM manhole.
- 3

Refer to *Article 3, Part 4, Sanitary Sewer Service Replacement - 4" Sleeved Service* for detailed requirements for Items 86-93.

Section IV
Location Maps



Service Cleanout Installations

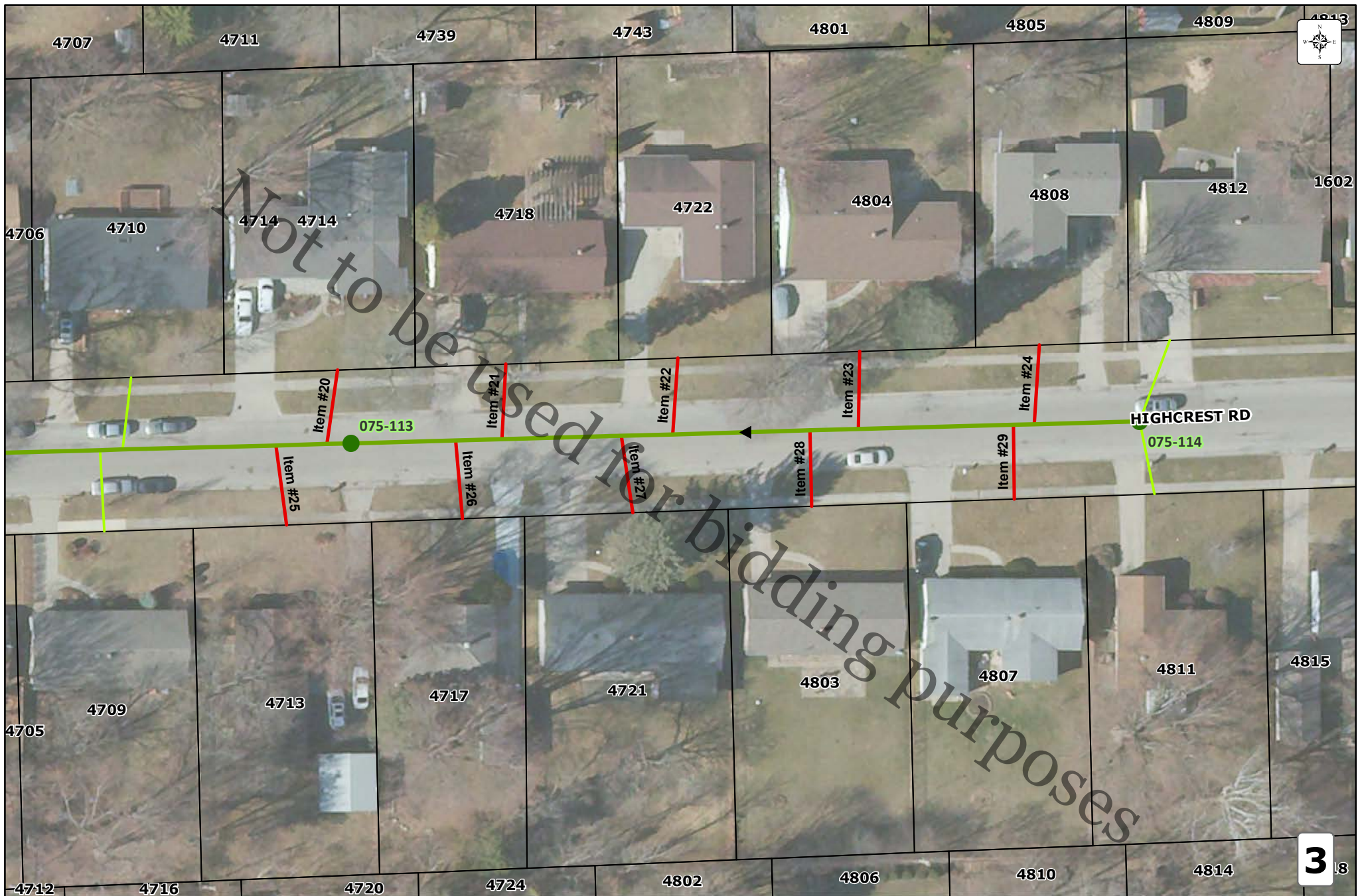
Capital Project #2101

1 inch = 60 feet

By: J. Kink
Produced: 4/20/2020
RRWRD Engineering Department



By: J. Kink
Produced: 4/20/2020
RRWRD Engineering Department

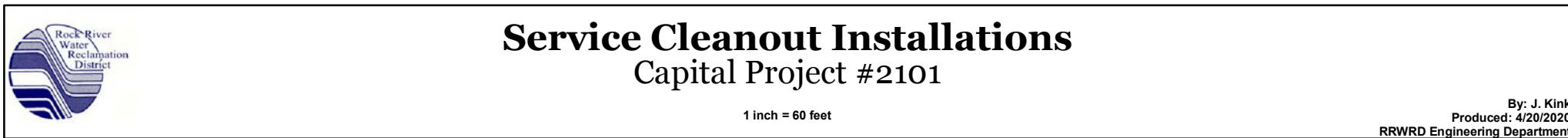


Service Cleanout Installations

Capital Project #2101

1 inch = 50 feet

By: J. Kink
Produced: 4/20/2020
RRWRD Engineering Department





Service Cleanout Installations

Capital Project #2101

1 inch = 50 feet

By: J. Kink
Produced: 4/20/2020
RRWRD Engineering Department



Service Cleanout Installations Capital Project #2101

1 inch = 30 feet

By: J. Kink
Produced: 4/20/2020
RRWRD Engineering Department



Service Cleanout Installations Capital Project #2101

1 inch = 50 feet

By: J. Kink
Produced: 4/20/2020
RRWRD Engineering Department

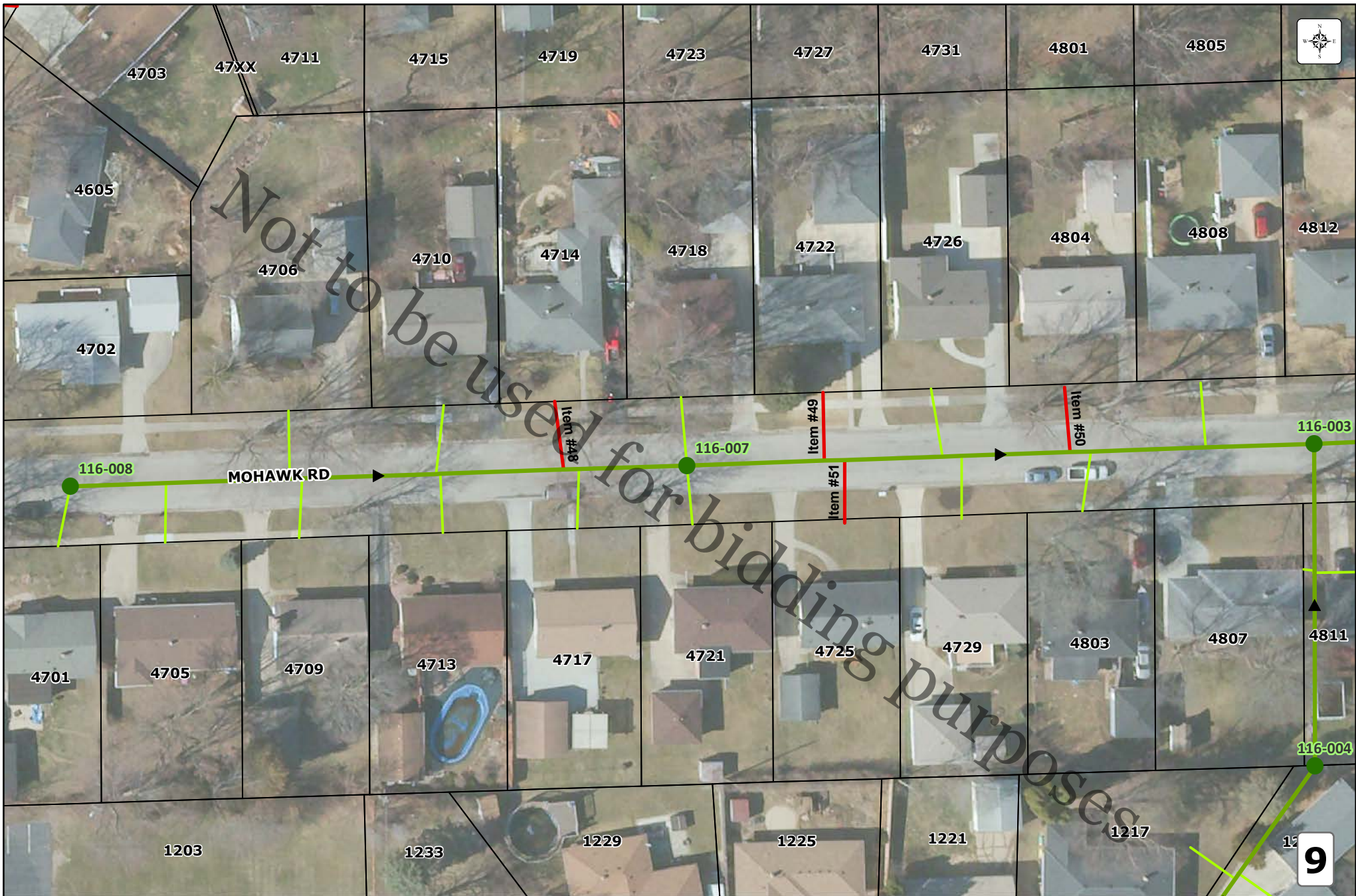


Service Cleanout Installations

Capital Project #2101

1 inch = 30 feet

By: J. Kink
Produced: 4/20/2020
RRWRD Engineering Department



Service Cleanout Installations Capital Project #2101

1 inch = 60 feet

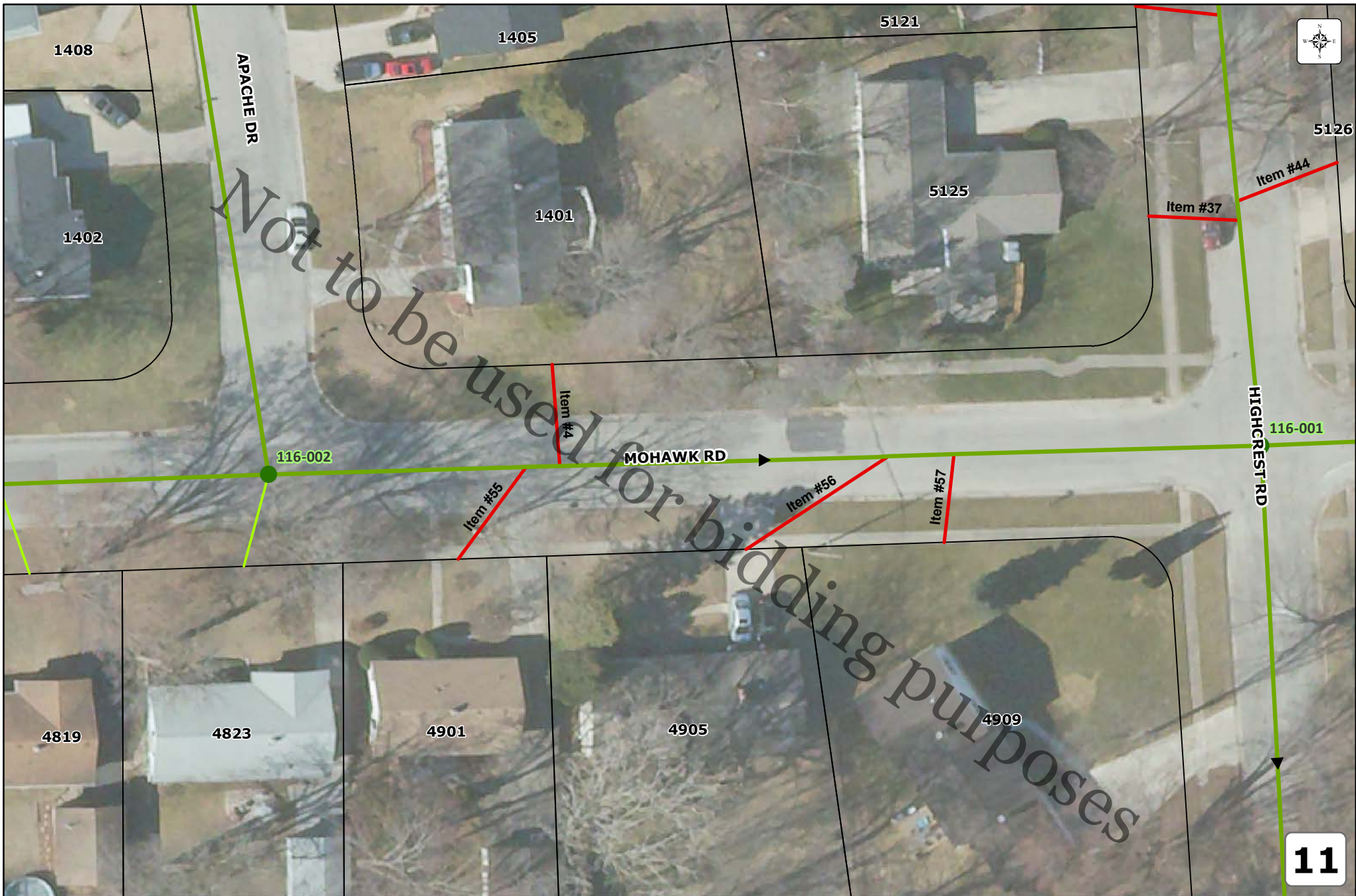
By: J. Kink
Produced: 4/20/2020
RRWRD Engineering Department



Service Cleanout Installations Capital Project #2101

1 inch = 40 feet

By: J. Kink
Produced: 4/20/2020
RRWRD Engineering Department



Service Cleanout Installations

Capital Project #2101

1 inch = 40 feet

By: J. Kink
Produced: 4/20/2020
RRWRD Engineering Department



Service Cleanout Installations Capital Project #2101

1 inch = 60 feet

By: J. Kink
Produced: 4/20/2020
RRWRD Engineering Department



Service Cleanout Installations Capital Project #2101

1 inch = 60 feet

By: J. Kink
Produced: 4/20/2020
RRWRD Engineering Department

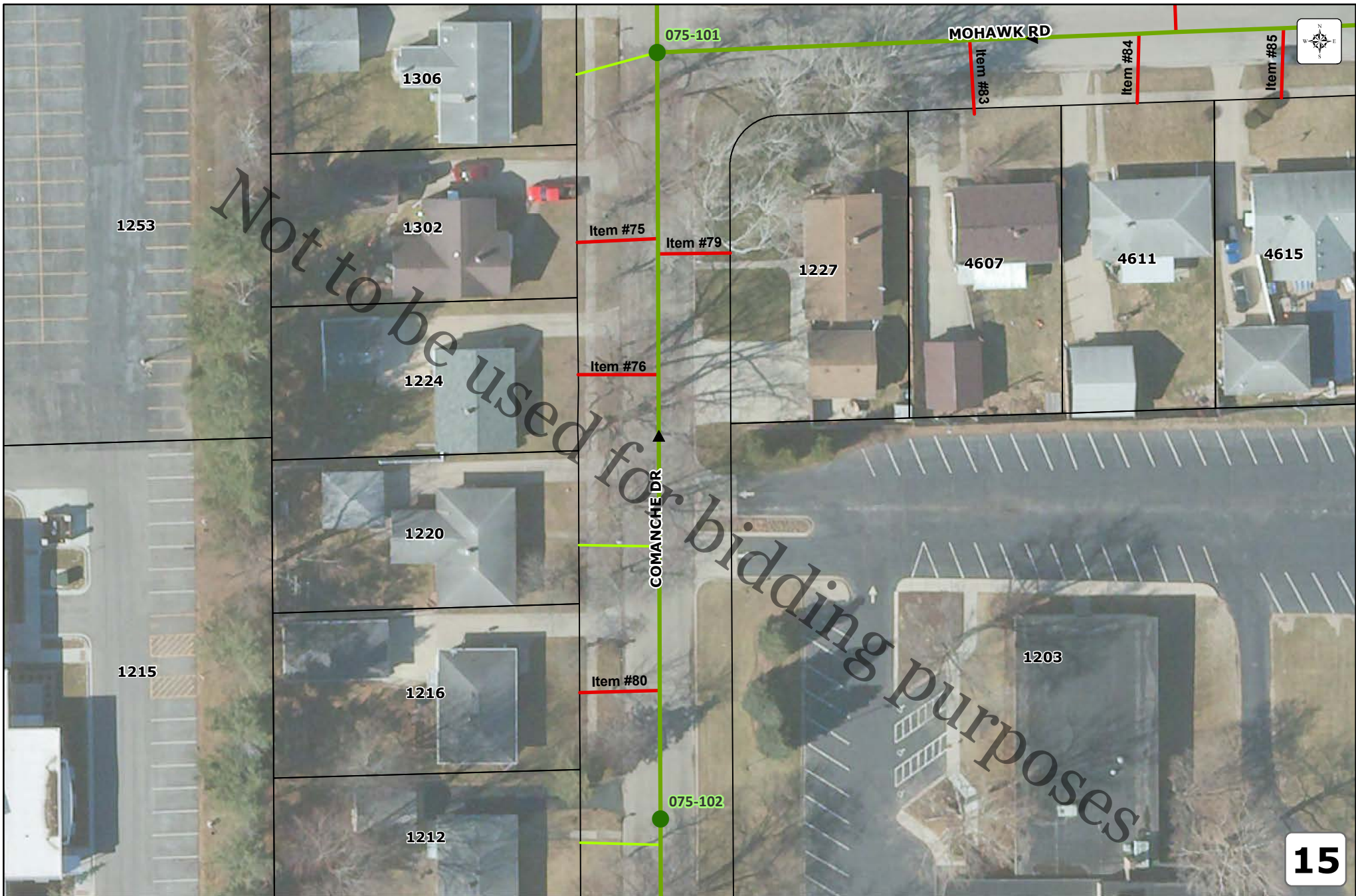


Service Cleanout Installations

Capital Project #2101

1 inch = 40 feet

By: J. Kink
Produced: 4/20/2020
RRWRD Engineering Department



Service Cleanout Installations

Capital Project #2101

1 inch = 50 feet

By: J. Kink
Produced: 4/20/2020
RRWRD Engineering Department



Service Cleanout Installations

Capital Project #2101

1 inch = 30 feet

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Produced: 4/20/2020
RRWRD Engineering Department



Service Cleanout Installations

Capital Project #2101

1 inch = 30 feet

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Produced: 4/20/2020
RRWRD Engineering Department



Service Cleanout Installations

Capital Project #2101

1 inch = 50 feet

By: J. Kink
Produced: 4/20/2020
RRWRD Engineering Department

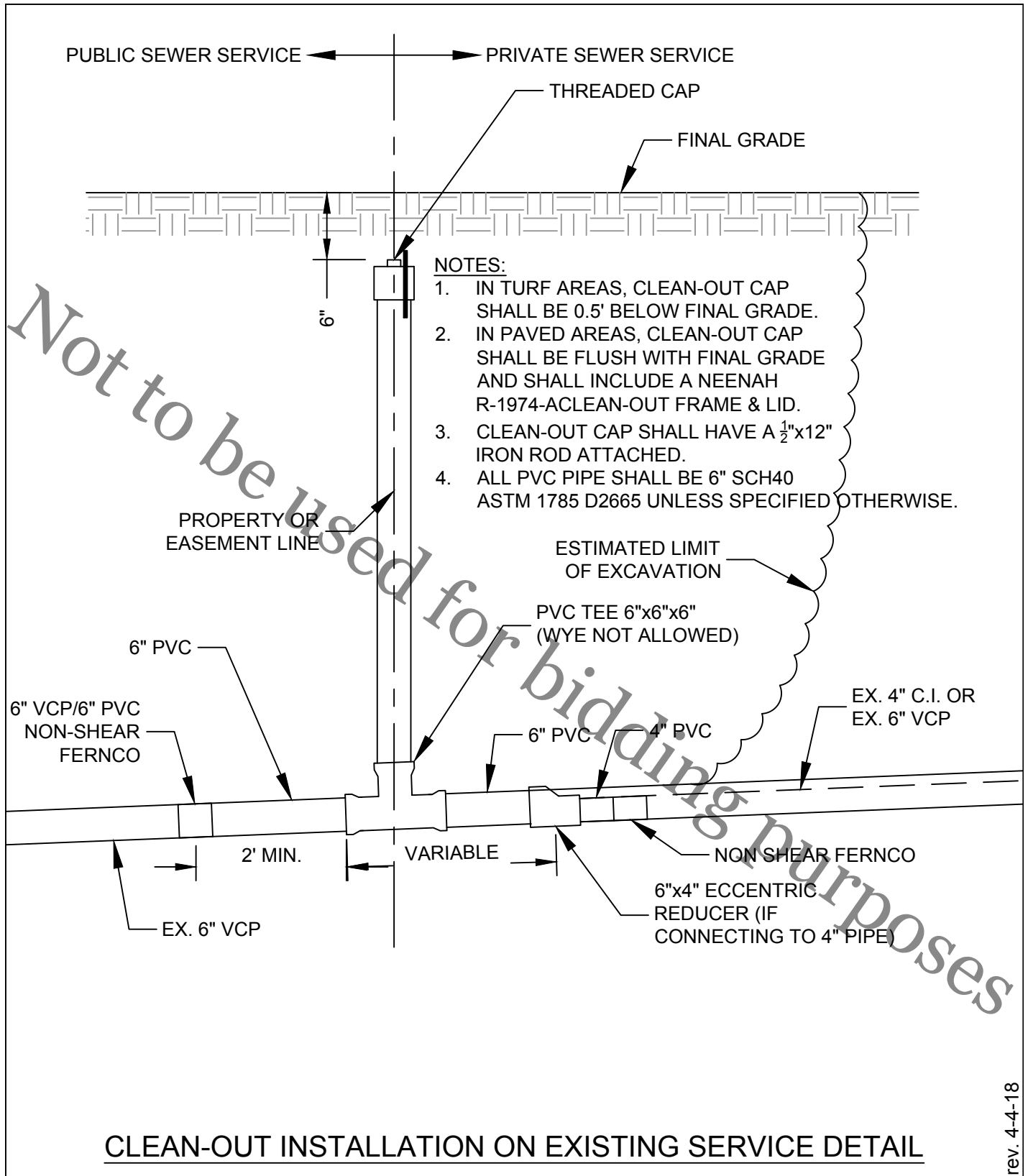


Service Cleanout Installations Capital Project #2101

1 inch = 60 feet

By: J. Kink
Produced: 4/20/2020
RRWRD Engineering Department

Section V
Detail Drawings

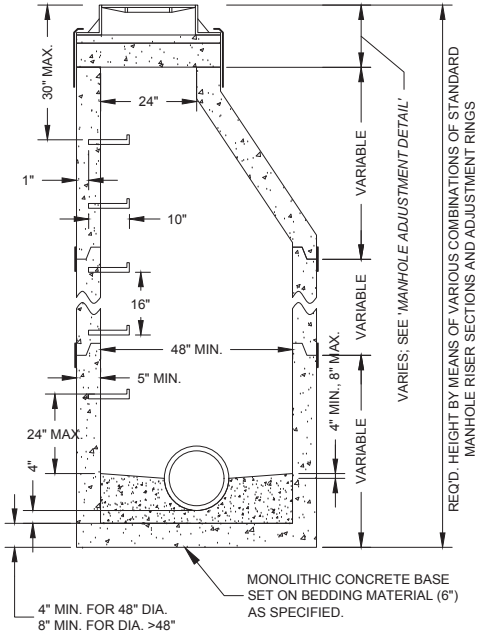


rev. 4-4-18



ROCK RIVER WATER RECLAMATION DISTRICT
3501 KISHWAUKEE STREET ROCKFORD, ILLINOIS 61109
(815) 387-7660

3/2/2020 Revisions:
Manhole Adjustment Detail: deleted previous note 5, added/modified notes 3,4,5,6,9.
Rigid Pipe Bedding Detail: added leader pertaining to trench wall.
Flexible Pipe Bedding Detail: added leader pertaining to trench wall.
Flexible Saddle Connection Details (2): added note below detail name.



STANDARD MANHOLE DETAIL
(*MANHOLE ADJUSTMENT DETAIL* SHALL APPLY)

NOTES:

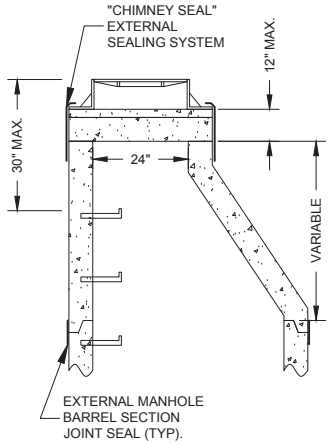
1. THE MAX. DROP FROM THE INVERT OF ANY PIPE TO THE CONCRETE CHANNEL UNDER THAT PIPE SHALL BE 8".
2. MANHOLES LOCATED OUTSIDE OF PUBLIC RIGHT-OF-WAY SHALL BE MARKED WITH A STEEL FENCE POST AS DIRECTED.
3. ALL NEW MANHOLES SHALL BE VACUUM TESTED PER A.S.T.M. C-1244 PRIOR TO ACCEPTANCE.
4. ALL BARREL JOINTS SHALL BE SEALED WITH 3 1/2" x 3/8" BITUMINOUS MATERIAL ON THE LOWER SHIPLAP.
5. ALL BARREL JOINTS SHALL BE SEALED WITH AN EXTERNAL BARREL SEAL CENTERED ON THE JOINT (MAR MAC MACWRAP OR APPROVED EQUAL).
6. MANHOLE STRUCTURE SHALL BE CONSTRUCTED OF PRECAST REINFORCED CONCRETE MANHOLE RISER SECTIONS IN ACCORDANCE WITH A.S.T.M. C478-90 OR THE LATEST DESIGNATION.
7. PRECAST FLAT TOPS ARE NOT APPROVED FOR USE.
8. SEE 'MANHOLE ADJUSTMENT DETAIL' FOR ADJUSTMENT REQUIREMENTS.
9. PIPE CONNECTIONS TO NEW MANHOLES SHALL BE MADE BY MEANS OF EITHER RUBBER GASKET SEAL (A-LOK OR APPROVED EQUAL) CONFORMING TO ASTM F-477 CAST INTEGRALLY IN MANHOLE WALL, OR RUBBER GASKET SEAL AND STAINLESS STEEL CLAMP (PSX SERIES SIX OR APPROVED EQUAL) CONFORMING TO ASTM C-923. FOR PIPE CONNECTIONS WITH A DEPTH OF 20 FT., A RUBBER GASKET SEAL (A-LOK OR APPROVED EQUAL) CONFORMING TO ASTM F-477 CAST INTEGRALLY IN MANHOLE WALL SHALL BE USED.
10. PIPE CONNECTIONS TO EXISTING MANHOLES SHALL BE MADE BY MEANS OF CORE DRILLING MANHOLE WALL AND INSTALLING RUBBER GASKET SEAL AND STAINLESS STEEL CLAMP (PSX SERIES SIX OR APPROVED EQUAL) CONFORMING TO ASTM C-923.
11. THE MAXIMUM DISTANCE FROM ANY INLET PIPE INVERT TO THE OUTLET PIPE INVERT SHALL BE 2'. A DISTANCE GREATER THAN 2' WILL REQUIRE AN INSIDE DROP CONNECTION PER 'INSIDE DROP MANHOLE DETAIL'.
12. MANHOLE STEPS SHALL BE NEENAH R-1982-F OR M.A. IND. PS-1 OR APPROVED EQUAL AT 16" CENTERS.

rev. 4/1/19

NOTES:

1. MANHOLE FRAME & LID SHALL BE NEENAH R-1670 OR EAST JORDAN E-1117 WITH NON-ROCKING & SELF-SEALING LID.
2. LID SHALL HAVE 2" HIGH "SANITARY" LETTERING & A CONCEALED PICK HOLE.
3. ALLOWABLE TYPES OF ADJUSTING RINGS INCLUDE PRECAST CONCRETE, HIGH DENSITY POLYETHYLENE (HDPE), & EXPANDED POLYPROPYLENE (EPP). THESE CAN BE USED IN CONJUNCTION WITH EACH OTHER, EXCEPT THAT A PRECAST RING SHALL NOT BE PLACED OVER AN HDPE OR EPP RING.
4. FOR PRECAST ADJUSTING RINGS, ALL ADJUSTING RING JOINTS AS WELL AS THE FRAME TO ADJUSTING RING JOINT SHALL BE SEALED WITH TWO 1" BEADS OF PRE-FORMED RUBBER BUTYL JOINT SEALER, INCLUDING FRAME TO CONCRETE JOINT. WHEN A FRAME REQUIRES PITCHING, A MIN. OF 3 SHIMS EQUALLY SPACED SHALL BE INSTALLED BETWEEN THE FRAME AND CONCRETE AND HYDRAULIC CEMENT SHALL BE USED TO FILL THE VOID BETWEEN THE FRAME & CONCRETE.
5. FOR HDPE OR EPP ADJUSTING RINGS, THE MAX. AMOUNT OF ADJUSTMENT IS 3" FOR HDPE & 6" FOR EPP. HDPE & EPP RINGS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS. WHEN A FRAME REQUIRES PITCHING, THE TOP RING SHALL BE AN 'ADJUSTMENT' RING PER MANUFACTURER'S INSTRUCTIONS.
6. NOT TAPPING OR GROUTING IS ALLOWED ON THE INSIDE OF MANHOLE OR ADJUSTMENT JOINTS.

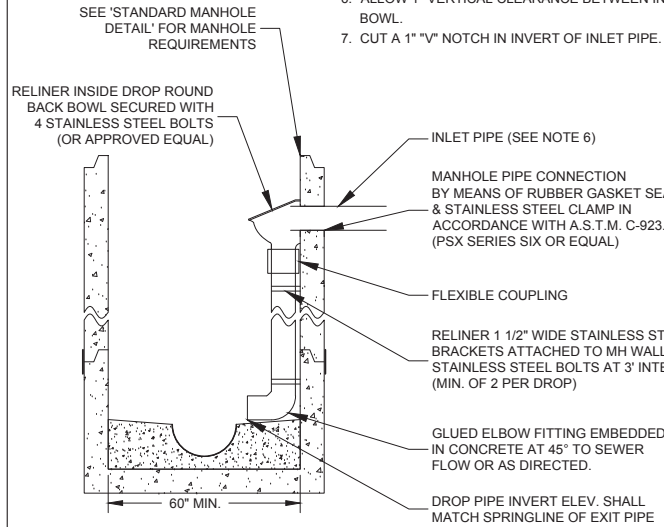
MANHOLE ADJUSTMENT DETAIL
(FOR ADJUSTMENT OF BOTH NEW & EXISTING MANHOLES)



rev. 3/11/20

DROP BOWL & DROP PIPE SIZING TABLE

INLET PIPE DIA.	DROP PIPE DIA. (MIN.)
4-6 INCH	4 INCH
8 INCH	6 INCH
10 INCH	8 INCH
>10 INCH	*
* PER MFG. OR AS DIRECTED BY RRWRD	

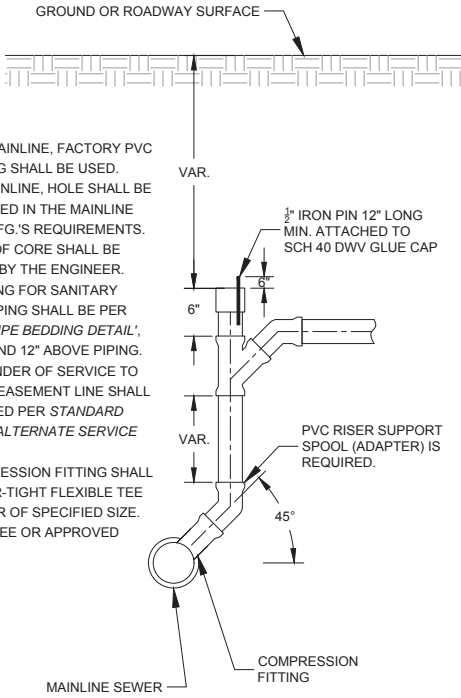


INSIDE DROP MANHOLE DETAIL
(*STANDARD MANHOLE DETAIL* SHALL APPLY)

NOTES:

1. INSIDE DROP TYPE MANHOLES SHALL BE 5' MIN. INSIDE DIA.
2. ALL INSIDE DROP TYPE CONNECTIONS FOR SERVICES AND COLLECTOR SEWERS SHALL USE THE DROP AS PRODUCED BY RELINER-DURAN INC. OR EQUAL.
3. SEE TABLE FOR DROP BOWL AND DROP PIPE SIZES.
4. ALL INSIDE DROP PIPING SHALL BE PVC SDR35 ASTM-D3034.
5. ATTACH THE ROUND BACK DROP BOWL AND EACH CLAMPING BRACKET TO THE MANHOLE WALL WITH 3/8"x 1" MIN. STAINLESS STEEL BOLTS AND EPOXY IMPREGNATED LUGS PER MFG. RECOMMENDATIONS.
6. ALLOW 1" VERTICAL CLEARANCE BETWEEN INLET PIPE & BOWL.
7. CUT A 1" "V" NOTCH IN INVERT OF INLET PIPE.

rev. 5/15/18



NOTES:

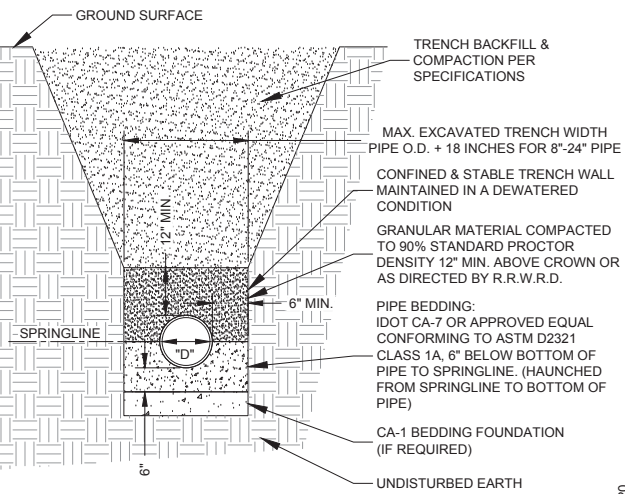
1. FOR NEW MAINLINE, FACTORY PVC WYE FITTING SHALL BE USED.
2. FOR EX. MAINLINE, HOLE SHALL BE CORE DRILLED IN THE MAINLINE PIPE PER MFG.'S REQUIREMENTS. LOCATION OF CORE SHALL BE APPROVED BY THE ENGINEER.
3. PIPE BEDDING FOR SANITARY SERVICE PIPING SHALL BE PER 'FLEXIBLE PIPE BEDDING DETAIL', 6" BELOW AND 12" ABOVE PIPING.
4. THE REMAINDER OF SERVICE TO PROPERTY/EASEMENT LINE SHALL BE INSTALLED PER STANDARD SERVICE & ALTERNATE SERVICE DETAIL.
5. THE COMPRESSION FITTING SHALL BE A WATER-TIGHT FLEXIBLE TEE CONNECTOR OF SPECIFIED SIZE. (INSERT-A-TEE OR APPROVED EQUAL).

VERTICAL SERVICE RISER DETAIL
(FOR MAINLINE DIA. 8" - 18")

rev. 5/15/18

NOTES:

1. REASONABLE CARE SHALL BE USED WHEN BACKFILLING OVER SEWER. NO MATERIALS SUCH AS ROCKS OR BOULDERS SHALL BE PLACED WITHIN 24" OF THE CROWN OF THE PIPE. NO MATERIAL LARGER THAN 8" DIA. SHALL BE USED IN THE BACKFILL.
2. LOOSE MATERIAL TO BE REMOVED OR COMPACTED PRIOR TO PLACING PIPE BEDDING.
3. BEDDING SHALL BE WELL HAUNCHED ALONG PIPE TO ENSURE VOIDS ARE ELIMINATED.

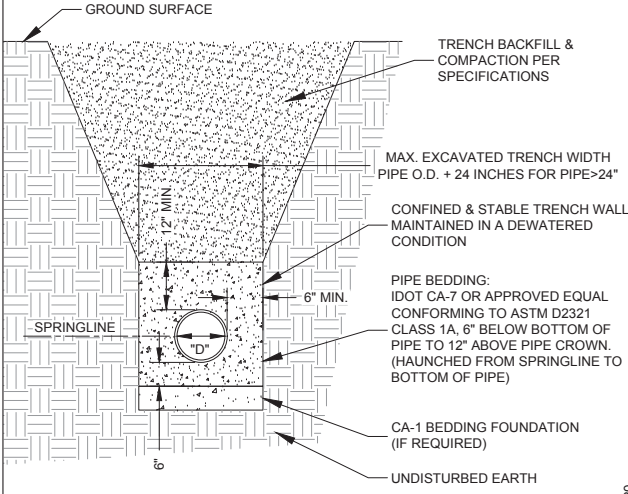


RIGID PIPE BEDDING DETAIL

rev. 3/11/20

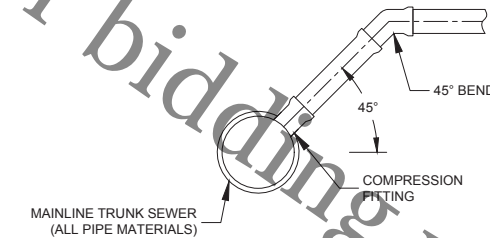
NOTES:

1. REASONABLE CARE SHALL BE USED WHEN BACKFILLING OVER SEWER. NO MATERIALS SUCH AS ROCKS OR BOULDERS SHALL BE PLACED WITHIN 24" OF THE CROWN OF THE PIPE. NO MATERIAL LARGER THAN 8" DIA. SHALL BE USED IN THE BACKFILL.
2. LOOSE MATERIAL TO BE REMOVED OR COMPACTED PRIOR TO PLACING PIPE BEDDING.
3. BEDDING SHALL BE WELL HAUNCHED ALONG PIPE TO ENSURE VOIDS ARE ELIMINATED.



FLEXIBLE PIPE BEDDING DETAIL

rev. 3/11/20

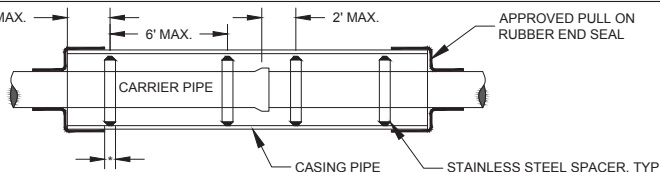


NOTES:

1. SERVICE CONNECTIONS TO SANITARY MAINS 18" DIA. OR LARGER SHALL BE BY MEANS OF INSERTED COMPRESSION FITTING AT A 45° ANGLE FROM HORIZONTAL AS SHOWN.
2. HOLE SHALL BE CORE DRILLED IN THE MAINLINE PIPE PER MFG.'S REQUIREMENTS.
3. LOCATION OF CORE SHALL BE APPROVED BY THE ENGINEER.
4. PIPE BEDDING SHALL BE PER 'FLEXIBLE PIPE BEDDING DETAIL' 6" BELOW AND 12" ABOVE PIPING.
5. THE REMAINDER OF SERVICE TO PROPERTY/EASEMENT LINE SHALL BE INSTALLED PER 'STANDARD SERVICE & ALTERNATE SERVICE DETAIL'.
6. THE COMPRESSION FITTING SHALL BE A WATER-TIGHT FLEXIBLE TEE CONNECTOR OF SPECIFIED SIZE. (INSERT-A-TEE OR APPROVED EQUAL).

SERVICE CONNECTION DETAIL FOR CONNECTION TO 18" DIA. OR LARGER PIPE

rev. 3/11/20



* 8" MIN. WIDTH FOR CARRIER PIPE < 48" DIA.
12" MIN. WIDTH FOR CARRIER PIPE ≥ 48" DIA.

NOTES:

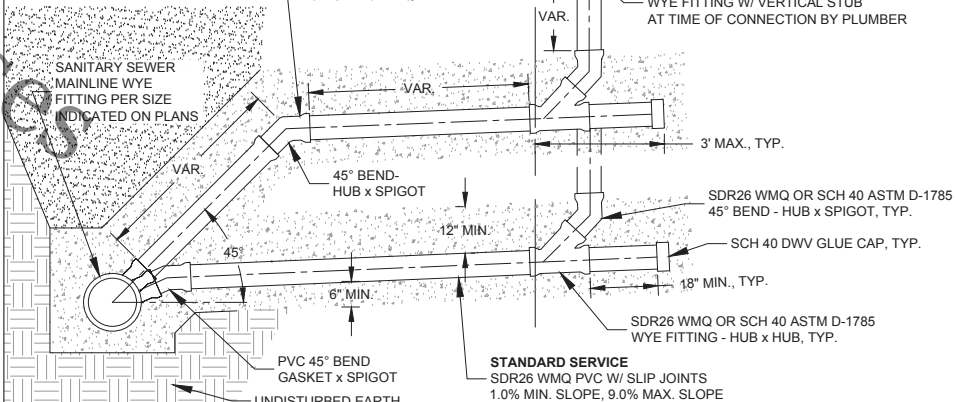
1. CASING END SEALS & SPACERS SHALL BE AS MFG. BY CASCADE MFG., OR APPROVED EQUAL.
2. FOR FLEXIBLE CARRIER PIPE, SPACING OF SPACERS TO BE AS SHOWN, OR PER MFG.'S RECOMMENDATION.
3. FOR RIGID CARRIER PIPE, SPACING SHALL BE PER MFG.'S RECOMMENDATION.

CASING & SPACER DETAIL

rev. 5/15/18

NOTES:

1. SANITARY SEWER MAINLINE SHALL BE INSTALLED PER 'FLEXIBLE PIPE BEDDING DETAIL'.
2. PIPE BEDDING FOR SANITARY SERVICE PIPING SHALL BE PER 'FLEXIBLE PIPE BEDDING DETAIL', 6" BELOW AND 12" ABOVE PIPING.
3. ALL SCH 40 PVC PIPE & FITTINGS SHALL BE PER ASTM D-1785/D-2665.
4. ALL SDR26 WMQ PVC PIPE & FITTINGS SHALL BE PER ASTM D-2241/D-3139.
5. ALL DWV FITTINGS SHALL BE CLEANED, PRIMED, & GLUED.
6. MIN. DEPTH OF COVER SHALL BE 5'.
7. CLEANOUT CAP SHALL BE SCH 40 DWV GLUED CAP FOR NEW DEVELOPMENT OR SCH 40 GLUED SCREW CAP FOR EX. DEVELOPMENT.



STANDARD SERVICE & ALTERNATE SERVICE DETAIL
(FOR MAINLINE DIA. 8" - 18")

rev. 4/1/19



**ROCK RIVER WATER RECLAMATION DISTRICT
STANDARD DETAIL SHEET
(NOT TO SCALE)**

3501 KISHWAUKEE ST. P.O. BOX 7480
ROCKFORD, ILLINOIS 61109 PH. (815) 387-7660

ISSUE 3/11/2020

Section VI
City of Rockford
Tree Maintenance Application

MAINTENANCE PERMIT APPLICATION

Pruning, removal, treatment or bracing of street terrace trees

(THIS IS AN APPLICATION FORM AND IS NOT TO BE USED AS A PERMIT)

RETURN THE ENCLOSED APPLICATION TO:

**CITY OF ROCKFORD
DEPARTMENT OF PUBLIC WORKS
STREET MAINTENANCE DIVISION
523 S. CENTRAL AVENUE
ROCKFORD, IL 61102
(779) 348-7260**

Return This Page

ARTICLE II. PERMITS

I. Section 29-25. Required.

No person, shall plant, transplant, move, spray, brace, trim, prune, cut above or below ground, disturb, alter or do surgery on any public tree or shrub within the city or cause such act to be done by others, without first obtaining a written permit for such work from the city forester.

II. Section 29-27. Issuance; contents; expiration.

Every permit required by this article shall be issued by the city forester on forms prepared by him and shall include a description of the work to be done and shall specify the species or variety, size, nursery grade and location of the tree(s). Any work done under such permit shall be performed in strict accordance with the terms thereof and the provisions of this chapter. Permits issued under this section shall expire six (6) months after date of issue.

The City of Rockford Forestry Department considers maintenance activities to include but not be limited to: any pruning of a city tree, removal of a city tree, applying pesticides (ie: EAB treatment) and stabilization (cabling, etc.).

**I HEREBY AGREE TO ABIDE TO ALL PROVISIONS AND TREE MAINTENANCE REQUIREMENTS
WITHIN THIS APPLICATION, AND TO THE PERMIT, WHEN ISSUED.**

PERMITTEE SIGNATURE

DATE

PERMIT APPLICATION
Maintain Street Terrace Trees

Site Address: _____ **Property ID#:** _____

Property Owners Name: _____ Address: _____

City: _____ State: _____ Zip: _____

Phone Number: _____ Approximate Maintenance Date: _____

Contractor Information: (Maintenance activity must be supervised by an on-site Certified Arborist)

Business Name: _____ Address: _____

City: _____ State: _____ Zip: _____ Phone Number: _____

On-Site Arborist: _____

Name I.S.A. #

MARK LOCATION OF TREE(S) YOU WISH TO MAINTAIN

19	18	17	16	15	14		13									
20							12									
21	<div style="border: 1px solid black; width: 150px; height: 60px; margin: 0 auto;"></div> <p><i>Front of House</i></p>						11									
22							10									
23							9									
24							8									
<p><i>Sidewalk Area</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 5%;"></td><td style="width: 10%; text-align: center;">1</td><td style="width: 10%; text-align: center;">2</td><td style="width: 10%; text-align: center;">3</td><td style="width: 10%; text-align: center;">4</td><td style="width: 10%; text-align: center;">5</td><td style="width: 10%; text-align: center;">6</td><td style="width: 10%; text-align: center;">7</td><td style="width: 5%;"></td></tr></table> <p style="text-align: center;"><i>(grass terrace area)</i></p>								1	2	3	4	5	6	7		
	1	2	3	4	5	6	7									

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Cell #	Species & DBH	Proposed Maintenance (Be Specific)

I hereby agree to abide to all provisions and tree maintenance requirements within this application, and to the tree maintenance permit once issued.

Permittee Signature

Application Date

Section VII

General Provisions & Technical Specifications for Sanitary Sewer Construction

(Separate document incorporated by reference)