



Village of Buffalo Grove

Sewer Televising 2023

Bid and Contract Documents

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INVITATION TO BID

Sewer Televising 2023

The following request for bid involves cleaning and televising of approximately **82,510** linear feet of sanitary sewer and associated work in the Village of Buffalo Grove, Illinois, as herein specified and directed by the Deputy Director of Public Works Operations, Department of Public Works, 51 Raupp Boulevard, Buffalo Grove, Illinois, 60089.

For information on how to receive a copy of the Bid Package and any addenda contact the Office of the Purchasing Manager at 847-459-2500 or visit the Village of Buffalo Grove procurement website at <https://www.vbg.org/bids>

TIMELINE

Wednesday, February 1, 2023 at 11:00 am	Due date for all questions regarding the Work ("Question Due Date")
Thursday, February 9, 2023 at 11:00 am	Bid Proposals due to the Village ("Bid Due Date")

INSTRUCTIONS TO BIDDERS

QUESTIONS ON THE WORK

All comments, concerns and questions regarding the Work and these documents shall be addressed to the Village of Buffalo Grove Purchasing Manager via email at BGfinance@vbg.org with the subject line “Sewer Televising 2023”. All comments, concerns and questions regarding the Work must be received by the **11:00 AM local time** on the Question Due Date (defined above).

BID PROPOSAL DOCUMENTS

Each bidder must submit **copies** of the following documents (collectively, the “**Bid Proposal**”):

1. Executed and notarized Public Contract Statement set forth on **Exhibit A**;
2. Completed Schedule of Prices set forth on **Exhibit B**;
3. Completed Reference List set forth on **Exhibit C**;
4. A list of the requested changes to the Contract citing the specific Article within the Contract and the specific change requested.


BID SECURITY

Along with the Bid Proposal, each bidder must submit with its Bid Proposal a bank draft, cashier’s check, certified check or bid bond equal to at least ten percent (10%) of the Total Contract Price, as set forth in their Schedule of Prices (the “**Bid Security**”).

BID SUBMITTAL

All bid proposals must be submitted electronically through the Village’s Vendor Registry online procurement system by the Bid Due Date on **Thursday, February 9, 2023, 11:00 AM**. Hard copy bids will not be accepted. All bids will be opened and read publicly via the Teams video conferencing platform <https://bit.ly/3inQVDy>

In order to submit a bid proposal, bidders shall:

1. Go to www.vbg.org/bids
2. Select on the project description, ‘Sewer Televising 2023’ and click the large red button at the top.

3. Log in to your account and enter your total bid price. This will be the as read bid price.
4. Bid Submittal Documents shall be a single attachment as a .pdf document (up to 200 MB)

VoBG-2023-05 Bids for Village of Buffalo Grove, Illinois

Sewer Televising 2023

NO WITHDRAWAL OF BIDS

No Bid Proposal shall be withdrawn after the Bid Due Date without the consent of the Village for a period of ninety (90) calendar days after the Bid Due Date.

QUALIFICATION OF BIDDERS

It is the intention of the Village to award the Work only to a bidder who furnishes satisfactory evidence that they have the requisite qualifications, capital, experience, facilities and ability to complete the Work successfully, promptly, and within the time frame set forth in these documents.

The Village reserves the right to make such investigations as it deems necessary to determine the qualifications and ability of any bidder. To that extent, all bidders agree to furnish to the Village any information and data requested by the Village in its investigation. Failure of a bidder to provide any information or data requested by the Village in its investigation will be grounds to reject that bidder from consideration for the Work.

INSTRUCTIONS TO BIDDERS

1. Bidders must inform themselves of all the conditions under which the Work is to be performed including, but not limited to, and where applicable, the structural integrity of the building, the conditions of the ground, building codes. No extra compensation will be given to any bidder who fails to apprise themselves of the conditions under which the Work is to be performed.
2. All exceptions requested by a bidder to the Contract must be submitted with their Bid Proposal.
3. Bidders shall be responsible, at their own expense, for all permits, business licenses and other licenses which may be required to complete the Work and required by local, county, state, or federal government.
4. All bidders are prohibited from making any contact with the Village President, Trustees, or any other official or employee of the Village (collectively, "Municipal Personnel") with regard to the Project, other than in the manner and to the person(s) designated herein. The of Buffalo Grove Village Manager reserves the right to disqualify any bidder that is found to have contacted Municipal Personnel in any manner with regard to the Project. Additionally, if the Buffalo Grove Village Manager determines that the contact with Municipal Personnel was in violation of any provision of 720 ILCS 5/33E, the matter will be turned over to the State's Attorney for review and prosecution.
5. PREVAILING WAGE ACT - The Village is an Illinois unit of local government, and the Work hereunder is subject to the Illinois Prevailing Wage Act, 820 ILCS 130/0.01, et seq.

RESERVATION OF RIGHTS

The Village reserves the following rights regarding the bidding process:

1. The right to accept the Bid Proposal that is, in the Village's sole judgment, the best and most favorable to the interests of the Village and the public.
2. To reject the lowest bidder.
3. The right to award the Bid in part or in whole or not award any portion of the bid, whatever is deemed to be in the best interest of the Village. The Village further reserves the right to award to multiple contractors and to reject any or all bids.
4. To accept and incorporate corrections, clarifications or modifications following the Bid Due Date when doing so would not, in the Village's opinion, prejudice the procurement process or create any improper advantage to any bidder.
5. To waive irregularities and informalities in the procurement process or in any Bid Proposal; provided, however, that the waiver of any prior defect or informality shall not be considered a waiver of any future or similar defects or informalities, and bidders shall not rely upon, or anticipate, such waivers in submitting their Bid Proposal.
6. To disqualify any bidder that is found to have contacted the Village's personnel in any manner with regard to the Work.
7. The right to approve or disapprove of any or all subcontractors, or insist on no subcontractors, in connection with any Bid Proposal.
8. Reject any subcontractor from working on the Work if they are not listed in the Bid Proposal.
9. The Village shall hold the Bid Security from the two (2) lowest bidders until the Contract is signed for the Work.
10. Disqualify any bidder who requests changes to the Contract when such changes were not submitted with their Bid Proposal.

EXHIBIT A - PUBLIC CONTRACT STATEMENT

This Public Contract Statement (the “Contract Statement”) has been executed by the below supplier, contractor or vendor (collectively the “Contractor”) in order for the Village of Buffalo Grove to obtain certain information necessary prior to awarding a public contract. The Contract Statement shall be executed and notarized and submitted as part of the Bid Proposal.

CERTIFICATION OF CONTRACTOR/BIDDER

In order to comply with 720 Illinois Compiled Statutes 5/33 E-1 et seq., the Village of Buffalo Grove requires the following certification be acknowledged:

The Contractor certifies that it is not barred from bidding or supplying any goods, services or construction let by the Village of Buffalo Grove with or without bid, due to any violation of either Section 5/33 E-3 or 5/33 E-4 of Article 33E, Public Contracts, of the Chapter 720 of the Illinois Compiled Statutes, as amended. This act relates to interference with public contracting, bid rigging and rotating, kickbacks, and bidding.

CERTIFICATION RELATIVE TO 65 ILCS 5/11-42.1.1

In order to comply with 65 Illinois Compiled Statutes 5/11-42.1.1, the Village of Buffalo Grove requires the following certification:

The Contractor does hereby swear and affirm that it is not delinquent in the payment of any tax administered by the Illinois Department of Revenue unless it is contesting such tax in accordance with the procedures established by the appropriate revenue act, its liability for the tax or the amount of the tax. The undersigned further understands that making a false statement herein: (1) is a Class A misdemeanor, and (2) voids the contract and allows the Village to recover all amounts paid to it under the contract.

CONFLICT OF INTEREST

The Village of Buffalo Grove Municipal Code requires the following verification relative to conflict of interest and compliance with general ethics requirements of the Village:

The Contractor represents and warrants to the Village of Buffalo Grove as a term and condition of acceptance of their Bid Proposal that none of the following Village officials is either an officer or director of Contractor nor owns five percent (5%) or more of the Contractor: the Village President, the members of the Village Board of Trustees, the Village Clerk, the Village Treasurer, the members of the Zoning Board of Appeals and the Plan Commission, the Village Manager and his/her Assistant, or the heads of the various departments within the Village.

If the foregoing representation and warranty is inaccurate, state the name of the Village official who either is an officer or director of your business entity or owns five percent (5%) or more thereof:

_____.

IN WITNESS WHEREOF, the below Contractor has signed and sealed this Contract Statement as of this ____ day of _____, 20__.

Print Name of Contractor

Signature

Print Title

Given under my hand and official seal, this ____ day of _____, 20__.

Notary Public

EXHIBIT B - SCHEDULE OF PRICES

Name of Bidder:

Address of Bidder:

City _____ State _____ Zip _____

Telephone _____

Email Address: _____

The Bidder declares, represents and warrants that it has read and agrees to abide by the terms, conditions and obligations set forth in the Invitation to Bid. In particular, the Bidder declares, represents and warrants that it has informed itself of all the conditions under which the Work is to be performed including, but not limited to, and where applicable, the conditions of the ground, and building codes. Bidder waives any right to additional compensation for failure to make itself aware of the afore-mentioned conditions.

Bidder further declares that if their Bid Proposal is accepted, that Bidder will enter into the Contract in the same form as set forth in the Bid and Contract Documents. However, Bidder may request changes to the Contract by submitting with this Schedule of Prices a list of requested changes to the Contract.

If this bid is accepted, and the undersigned fails to (i) contract as aforesaid, (ii) provide the Performance and Payment Bond required by the Contract, and (iii) provide all insurance required under the Contract within fifteen (15) calendar days after the date of the award of the Contract then the Village, at its option, may determine that the bidder has abandoned this Bid, and thereupon this Bid and the acceptance thereof shall be null and void, and such security accompanying this Bid shall be forfeited and shall be the property of the Village of Buffalo Grove not as penalty, but as liquidated damages.

BID SECURITY

Accompanying this Bid is a _____

in the amount of _____ Dollars

(\$ _____).

Note: (a) Insert the words “Bank Draft”, “Cashier’s Check”, “Certified Check” or “Bid Bond”, as the case may be.

(b) Amount must be equal to at least **ten percent (10%)** of the Total Base Bid.

EXHIBIT B - SCHEDULE OF PRICES (cont.)

Item	Item Description	Estimated Quantities	Unit Price	Extended Price
1.	Traffic Control and Protection	1 Lump Sum		
2.	CCTV Inspection of Sanitary Sewers (8" to 21")	82,510 LF		
3.	Alternate C: Heavy Cleaning	Price per LF		
4.	Alternate D: Emergency Response	Price per Crew Hour		
TOTAL BASE BID (Items 1 – 2 only)				

EXTENSION

Do you agree that escalating prices shall be no more than the Consumer Price Index for All Urban Consumers (CPI-U) in the Chicago area or 3% whichever is less., for a possible one (1) year extensions (please initial)?

Yes _____ No _____

EXHIBIT B - SCHEDULE OF PRICES (cont.)

SUBCONTRACTOR LISTING

Bidder, to employ the following listed subcontractors for the following enumerated classes of work and is not to alter or add to such list without the written consent of the Village.

	<u>SUBCONTRACTOR</u>	<u>CLASS OF WORK</u>
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____

ACKNOWLEDGEMENT OF ADDENDA

Acknowledgement of receipt of Addenda(s) _____ (list each addendum number)

Attach each signed addendum, if any, to the bid packet as part of your submittal.

CONTRACTOR SIGNATURE and CONTACT INFORMATION

Date

Phone

Legal Entity

E-mail

(Sign here)

(Print Name)

EXHIBIT C – REFERENCE LIST

Contact Name: _____

Municipality/Business: _____

Dates Employed: _____ to _____

Phone Number and E-mail address: _____

Contact Name: _____

Municipality/Business: _____

Dates Employed: _____ to _____

Phone Number and E-mail address: _____

Contact Name: _____

Municipality/Business: _____

Dates Employed: _____ to _____

Phone Number and E-mail address: _____

Contact Name: _____

Municipality/Business: _____

Dates Employed: _____ to _____

Phone Number and E-mail address: _____

DESCRIPTION OF WORK

The work services, equipment, labor and/or materials below shall be collectively referred to as the “Work”:

Work consists of internal closed-circuit television (CCTV) inspection of sanitary sewers, conforming to the National Association of Sewer Service Companies Pipeline Assessment Certification Program, latest edition, including preparatory cleaning, disposal of debris, bypass pumping, traffic control, and completion and submittal of inspection logs.

Care shall be taken when working at all locations. Contractor shall provide all traffic control and signs and barricades to protect their work sites at all times. All sites shall be kept clean with no disturbance caused to the surrounding private property areas.

The Contractor shall provide a project schedule taking into account weather conditions to minimize disruption of service to residents. Work under this contract will require coordination with other construction projects occurring in the same locations. This may require the Contractor to work on the weekends.

BID SPECIFICATIONS

1. MATERIALS & SERVICES TO BE PROVIDED BY THE VILLAGE

A. Water and Water Meter

The Village shall furnish water for sewer cleaning at no cost to the contractor. Water shall be obtained only from hydrants designated by the Village Director of Public Works or his designee and only through a meter obtained from the Village. There is a refundable deposit required for each meter. Water is also available at the Public Service Center for no charge, 51 Raupp Boulevard, Buffalo Grove, IL 60089. Whenever the proposed work is within the vicinity of this hydrant, the contractor shall obtain water from this hydrant only as determined by the Director of Public Works or his designee.

The contractor shall keep track of water usage on a daily basis and shall provide water use records to the Village Public Works Director or his designee at the end of each week in which work occurs. The water meter shall only be used for the Village’s projects and shall not be used by the contractor for outside work.

All fire hydrants shall remain available for use by emergency services in the event of a fire and shall not be obstructed by contractor vehicles or equipment. The contractor shall ensure that a vacuum break or RPZ backflow device is provided when obtaining water from Village hydrants.

Care must be taken to turn the hydrants on and off slowly so as not to damage the water system. Field use may be revoked if contractor does not follow this guideline. Any notice of damaged or faulty hydrants must be reported to the Department of Public Works.

B. Sewer Atlases

The Village shall furnish the contractor with one (1) 11" x 17" copy of the storm and/or sanitary sewer atlas sheets including the areas to be televised. The atlas sheets shall represent the best available information regarding the storm and sanitary sewers within the inspection area. Atlases are also included in Appendix B of this document.

2. TECHNICAL SPECIFICATIONS

The contractor shall provide CCTV inspection of the entire sewer segment (manhole to manhole), utilizing equipment specifically designed for sewer inspection. The contractor shall provide preparatory cleaning of the entire sewer section before conducting the CCTV inspection, as specified herein. The contractor shall provide all necessary labor, tools, materials, equipment, and appurtenances to complete the preparatory cleaning and CCTV inspection to obtain a clear video of the sewer interior.

The contractor shall provide and maintain all necessary signs, barricades, and lights as necessary to provide for the public's safety, and to comply with the requirements of the agency having jurisdiction over the right-of-way.

A. Preparatory and Heavy Cleaning

i. General

Provide preparatory cleaning of all sanitary and storm sewers to be inspected via CCTV inspection. Light cleaning shall be completed for all lines. Preparatory cleaning will include all labor, equipment, and materials necessary to obtain proper CCTV inspection of the sewer segment. The cost of preparatory cleaning shall be considered incidental to the CCTV inspection.

Heavy cleaning shall be completed as directed and approved by the Director of Public Works or his designee. Unapproved heavy cleaning will not be submitted for payment. The Village Public Works Director or his designee may request heavy cleaning after the preparatory cleaning and CCTV inspection are performed, but before substantial completion of this contract work; any remobilization costs shall be included in the cost of the heavy cleaning. Heavy cleaning shall result in lines being substantially cleared to the acceptance of the Village Public Works Director or his designee, a new CCTV inspection and report shall be completed after the heavy cleaning and be included in the cost of the heavy cleaning.

ii. Equipment

Provide equipment specifically designed for sewer cleaning as specified herein. Provide High-Velocity Jet (Hydrocleaning) equipment with 2 or more nozzles capable of producing a scouring action from 15 to 45 degrees in all size lines designated to be inspected. The contractor shall provide all equipment necessary to complete preparatory cleaning. Provide higher capacity cleaning equipment for large diameter pipes and for heavy cleaning. Provide a root cutter as needed for root removal for all pipe sizes.

For heavy cleaning, utilize equipment acceptable to the Village Public Works Director or his designee, which may include power rodding or bucket equipment equipped with root cutter, sand nozzles, root saws or expandable cutters. Equipment shall be belt-driven or shall be equipped with an overload device. Direct-drive equipment that could cause damage to the sewers shall not be used.

Care should be taken to protect sewer lines from damage from either high-velocity jet cleaning or heavy cleaning. Repairing damage to sewers, equipment or appurtenances is the responsibility of the Contractor and is incidental to the contract.

iii. Execution

Light Cleaning – Provide preparatory cleaning of the sewer section to permit unobstructed passage of the CCTV camera and clean enough for the camera to identify structural defects, misalignments, service lateral connections, and points of infiltration to the satisfaction of the Public Works Director or his designee. Perform a cleaning with high-velocity jet consisting of up to as many passes or flushes needed of the entire sewer section, if necessary, to allow adequate viewing of the pipe for the purpose of proper condition assessment. Limit pullback speed to no more than one foot per second and utilize a maximum pressure of 1200 pounds per square inch (psi). Remove roots as needed to allow for unobstructed passage of the televising equipment. Light cleaning is incidental to the CCTV inspection of sanitary and storm sewers.

Heavy Cleaning – Alternate C: Perform additional cleaning (heavy cleaning), as directed by the Village Public Works Director or his designee. Heavy cleaning can include, but not be limited to, additional passes or flushes of the entire sewer section with the high-velocity jet, power rodding, or bucket equipment.

The contractor shall take all precautions necessary during all cleaning operations to protect the sewer lines and to prevent water from being forced back up into service laterals. The contractor is responsible for completing all necessary cleanup and restoration required as the result of backups or flooding onto/into public or private property at no additional cost to the Village.

iv. Disposal of Material

The contractor shall remove and dispose of all sludge, dirt, roots, sand, rocks, grease and other solid or semi-solid material resulting from the cleaning operation at the downstream manhole of the section being cleaned at no additional cost to the Village. The contractor shall not allow material cleaned from one manhole section to pass into another manhole section as this can result in line stoppages, accumulation of material in wet wells, or damage to pumping equipment.

All material removed during cleaning shall be removed from the site at the end of each workday and disposed of by the contractor in a manner acceptable to the Public Works Director or his designee. Storage of material on site or within the sewer system is not allowed. Debris removed from sewers as part of the cleaning operations can be dumped at Public Service Center's yard, 51 Raupp Blvd, Buffalo Grove, IL 60089 only if prior arrangements have been made and there is available space at the Public Service Center.

v. Deliverables

The contractor shall keep a log of cleaning operations conforming to the National Association of Sewer Service Companies Pipeline Assessment Certification Program, latest edition. This shall include, but not be limited to, for each sewer the date it was cleaned, which cleaning method was utilized, type and approximate quantity of material removed. This information shall be provided to the Village at the end of each work week.

B. Closed-Circuit Television (CCTV) Inspection

i. General

Provide all labor, material, tools, equipment, and appurtenances necessary to provide closed circuit television (CCTV) and audio-video recording of the internal inspection of sanitary and storm sewers at a picture quality to the satisfaction of the Director of Public Works or his designee.

ii. Equipment

The contractor shall utilize a digital color television camera designed and constructed for sewer inspection with the following capabilities:

- a. High-resolution color-chip camera and monitor capable of producing a minimum of 650 lines of resolution.
- b. Adjustable directional lighting sufficient to allow a clear picture of the entire periphery of the pipe.
- c. Auxiliary lighting for sewers larger than 12-inch diameter.
- d. Operable in 100 percent humidity conditions.
- e. A 360-degree radial by 270-degree pan-and-tilt viewing field.
- f. Remote or manually operated.
- g. Electronic footage counters accurate to less than 1 percent error over the length of each pipe segment.
- h. Able to be equipped with skids or floatation device where necessary to position the camera in the center of the pipe for all diameter sewers being televised.

The contractor shall utilize a total audio-video recording system and procedures as required to produce a high-quality digital video and audio production of bright, sharp, clear pictures with accurate color, free from distortion. The audio portion shall have proper volume and clarity and shall be free from distortion. The contractor shall record inspections electronically and create hard drives/flash drives directly from digital content without an intermediate analog conversion.

The contractor shall prepare hard drives/flash drives and inspection logs. Other software formats may only be accepted as approved by the Village Director of Public Works or his designee.

C. Execution

- i. Prior to conducting any CCTV inspection, complete preparatory cleaning.
- ii. Provide a complete inspection of the entire length of sewer, including both upstream and downstream manholes, panning as needed to see all areas of the sewer and manholes.

- iii. Utilize blowers, fans, or other means to force out steam from the sewers as needed to provide a clear image of the pipe condition.
- iv. Conduct the inspections with the flow of sewage from upstream to downstream manhole (“forward setup”). “Reverse setups” (from downstream to upstream manhole) shall only be allowed if a forward setup is not possible (e.g., upstream manhole is not accessible) or if the forward setup could not be completed due to an obstruction in the sewer. The cost to reset the televising equipment for a reverse setup is incidental to the contract.
- v. All inspections shall begin at the center of the beginning manhole and conclude at the center of the ending manhole.
- vi. Provide verbal commentary of the sewer inspection for the entire length of inspection. This is utilized as a cross-check against written logs and is useful as a reminder of which sewer is being televised.
- vii. Move the camera at a speed no greater than 30 feet per minute, stopping at all defects and points of infiltration. Pan as necessary to permit proper documentation of the sewer’s condition.
- viii. Stop at all service connections, pan, and look up service, and note items such as type of connection, presence of plugs, leaks, type of material, and any structural damage. Adjust focus and lighting as needed to obtain a bright, clear view of the connection and service pipe. Position the camera to view as far up the service connection as possible.
- ix. Stop televising if camera becomes submerged. Use high-pressure jetting or other means to lower water level to a point below the camera. Provide temporary plugs and/or bypass pumping if necessary and as approved by the Director of Public Works or his designee.
- x. The contractor may complete multiple sewer runs from a single setup, however each sewer segment (manhole to manhole) must have a discrete CCTV inspection video and inspection log.

D. Deliverables

The contractor shall provide 1 (one) copy each of a hard drive/flash drive (type to be acceptable to the Village) and computer-generated inspection logs of each individual inspection including all color photos. In addition, the contractor shall provide to the Village a field mark-up of any clarifications to the sewer system configuration as shown on the Village’s atlases, including but not limited to incorrectly shown connections between structures, pipes or manholes not shown on the atlases, sewers shown in the wrong location or other mapping inconsistency.

The written logs shall conform to the National Association of Sewer Service Companies Pipeline Assessment Certification Program, latest edition and shall contain, but not be limited to, the following information:

- i. Village Name;
- ii. Project Name;
- iii. Location of sewer line including street name and nearest address to upstream manhole and if the service is capped;
- iv. Inspector’s name;

- v. Date;
- vi. Upstream and Downstream Manhole IDs;
- vii. Direction of flow;
- viii. Direction of inspection;
- ix. Depth from rim to invert at the upstream and downstream ends of the sewer;
- x. Pipe size, type/material, joint spacing, and total length;
- xi. Surface weather conditions;
- xii. Photographs of specific severe defects and a representative sample of overall pipe condition;
- xiii. Manhole construction material; and
- xiv. Documented footage (from starting manhole) and clock orientation of all pipe defects, changes in pipe material, infiltration sources (including estimated flow rates in gallons per minute), service connections, root intrusion, mineral deposits, obstructions, protruding laterals, grease accumulation, back-pitched sections, off-set joints and any other abnormal conditions.

The written logs should be bound into white “D-ring” type presentation binders with tab inserts to separate each of the inspection reports organized by street name. The title of the project shall be placed in the front cover of the binder and include the Village’s name, project title, Contractor name, and date. A Table of Contents should be present and contain at a minimum: Page Number, Street Name, MH Start, MH Stop, Size, Length, and Flash Drive ID Number. The binders should be submitted at the end of the project.

Each inspection recording shall begin with a verbal explanation of the current date, project name, and Village; followed by the general location, manhole segment and direction of viewing and beginning footage count superimposed on the video signal. The footage counter and manhole segment shall appear throughout the entire video recording. The audio track, video, and inspection log shall all match. Provide an audio track describing all information documented in the inspection log.

Storm sewers and sanitary sewers shall be recorded on separate hard drives/flash drives.

For each partial payment hard drives/flash drives shall be given to the Village Public Works Director or his designee containing pdf versions of the reports completed for sewer segments requested in the partial payment. Each pdf copy shall be a separate file for each sewer segment and have the segment clearly identified in the file name.

3. SCHEDULING OF WORK

The contractor must commence work within thirty (30) calendar days after the date of the Notice to Proceed. The Contractor shall fully complete all work to the point of final acceptance by the Village, and to complete doing all other things required of them by the Contract Documents on or before and no later than ninety (90) calendar days from the date of the Notice to Proceed.

The contractor shall arrange and schedule work to minimize the disruption of traffic and access to property.

For the purpose of this agreement, Business Work Hours shall be Monday through Friday from 7:00 am until 4:00 pm, unless otherwise authorized by the Deputy Director of Public Works. Any work outside the allowed time periods in accordance with the Village Ordinance, including but not limited to material deliveries, mobilization of equipment, warming up machinery, or truck staging, shall be imposed a \$250 monetary penalty for each occurrence.

4. EMERGENCY RESPONSE – ALTERNATE D

In the event of an emergency, the Village may request CCTV inspection services within one year from the date of signed contract with a required response time of less than 24 hours.

5. TRAFFIC CONTROL AND PROTECTION

Traffic control shall be in accordance with the applicable sections of the "Standard Specifications", the applicable guidelines contained in the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", these Special Provisions, and any special details and highway standards contained herein and, in the plans, and the "Standard Specifications for Traffic Control Items".

Special attention is called to Articles 107.09 and 107.14 of the "Standard Specifications" and the following highway standards relating to traffic control:

701011-04, 701101-05, 701106-02, 701501-06, 701801-06, 701901-08

The Contractor shall obtain, erect, maintain, and remove all signs, barricades, flagmen, and other traffic control devices as may be necessary for the purpose of regulating, warning, or guiding traffic and protecting pedestrians. Placement and maintenance of all traffic control devices shall be as directed by the Director of Public Works or his authorized representative, and in accordance with the applicable parts of Article 107.14 of the "Standard Specifications" and the "Manual on Uniform Traffic Control Devices for Streets and Highways".

At a minimum, the Contractor will provide appropriate signage and lighted barricades where any hazardous conditions are created. In addition, when the Contractor is working on a major road (i.e., Dundee Road, Deerfield Parkway, Buffalo Grove Road, and IL Rt. 22) and needs to close a lane of traffic to perform work, a Type C trailer mounted flashing arrow board along with construction signs and a barricade lane taper is required. Any work damaged due to lack of adequate barricades shall be replaced by the Contractor at the Contractor's expense.

6. MEASUREMENT OF PAYMENT

A. Traffic Control and Protection

This work will be paid for at the Contract lump sum price for Traffic Control and Protection, which price shall be payment in full for all labor, materials, transportation, handling, and incidentals necessary to furnish, install, maintain, replace, relocate, and remove all traffic control devices indicated in the Special Provisions or as required by construction activities.

~~B. CCTV Inspection of Storm Sewers (8" to 54")~~

~~This item includes the CCTV inspection of storm sewers ranging in size from 8 to 54 inches in diameter, including preparatory light cleaning and preparation and delivery of cleaning operations log, hard drives/flash drives, and inspection logs. This item will be measured in linear feet of completed, unique CCTV inspection along the centerline of each sewer segment. The contractor will not be paid for redundant or overlapping CCTV inspections.~~

C. CCTV Inspection of Sanitary Sewers (8" to 21")

This item includes the CCTV inspection of sanitary sewers ranging in size from 8 to 21 inches in diameter, including preparatory light cleaning and preparation and delivery of cleaning operations log, hard drives/flash drives, and inspection logs. This item will be measured in linear feet of completed, unique CCTV inspection along the centerline of each sewer segment. The contractor will not be paid for redundant or overlapping CCTV inspections.

D. Heavy Cleaning

If this Alternate C is approved by the Village, this item includes heavy cleaning of the sewer as specified and at the direction and prior written approval of the Director of Public Works or his designee. This item will be measured in linear feet of sewer cleaned.

E. Emergency CCTV Inspection Sanitary or Storm Sewer (8" to 54")

If this Alternate D is approved by the Village, this item includes the CCTV inspection of sanitary and/or storm sewers ranging in size from 8 to 54 inches in diameter, including preparatory light cleaning and preparation, delivery of hard drives/flash drives and inspection logs and within the 24-hour emergency response time frame. This item will be measured in the number of crew hours on-site in the Village. Response to requests for Emergency CCTV Inspection not within the required 24-hour emergency response time frame will be paid at the applicable non-emergency per-foot rate.

7. PERMITS

The contractor is responsible for obtaining all permits needed for CCTV inspection and Alternates C and D within Village, County, State or Railroad rights-of-way. The cost for obtaining permits is incidental to the contract.

8. STORAGE AREA FOR TRUCKS AND ALL OTHER CONSTRUCTION RELATED EQUIPMENT AND MATERIALS

No overnight parking of trucks and other construction related equipment or materials will be allowed on Village streets. Parking of trucks and other construction related equipment or materials on other public property must be approved by the Director of Public Works or his authorized representative. Parking of any construction trucks, equipment, or materials on private property is prohibited, unless otherwise permitted by law.

9. SEQUENCE OF OPERATION

The Contractor shall consult with the Director of Public Works or his authorized representative concerning the detail and scheduling of the work contemplated herein and shall be governed by the decision of said Director of Public Works or his authorized representative.

The Contractor shall coordinate its work in a manner that will cause as little inconvenience to traffic as is possible. The Contractor shall work closely with the Village Officials, Fire and Police in coordination with the least amount of interruption to normal traffic and parking facilities, access to homes and inconvenience to the public.

10. CARE AND PROTECTION OF PROPERTY

Contractor shall be responsible for the preservation of all public and private property and use every precaution necessary to prevent damage thereto. If any direct or indirect damage is done to public or private property by or on account of any act, omission, neglect, or misconduct in the execution of the work on the part of the contractor, restore such property to a condition similar or equal to that existing before the damage was done, or make good the damage in other manner acceptable to the Village. Any unapproved access to private property will result in a monetary penalty of \$500 for each occurrence.

The Contractor shall take all necessary precautions when working near mailboxes. If at the Contractor's discretion, a mailbox will interfere with construction operations, a temporary mailbox shall be located per the United States Postal Service requirements and the permanent mailbox reinstalled following said operation. At no time shall a resident be without a mailbox or not receive mail due to a mailbox being removed, replaced, or damaged. The Contractor shall replace, at no additional cost to the Owner, any mailbox or post which has been damaged by the Contractor's operations due to neglect, misconduct, or poor workmanship. The cost of all materials required and all labor necessary to comply with the above Provisions will not be paid for separately but shall be considered as included in the unit bid prices of the contract, and no additional compensation will be allowed. Public Works will provide mailbox installation requirements if needed.

The Contractor must maintain access for both residents and mail carriers to all mailboxes throughout the duration of the project.

Any damage to existing hardscape from tracked equipment or due to the Contractor's negligence, workmanship, or neglect shall be replaced at the Contractor's expense. It is recommended rubber tired or rubber tracked equipment is used. Any unwarranted disturbance to the existing hardscape to remain will warrant repairs made joint to joint and in conformance with the bid documents with limits specified in the Maintenance Letter of Credit general condition. The Village shall determine the limit of removal and replacement operations, and all work shall be completed to the satisfaction of the Engineer. Hard surfaces shall also be left in a clean and usable state, which generally will require sweeping following work. Failure to appropriately clean up and/or sweep an area when work is complete at that area will result in a monetary penalty of \$250 for each occurrence.

11. GENERAL

The Contractor shall at all times have a competent person in charge of its work crew at the job site, to which the Village representative may issue directives. Such a person shall be authorized to accept and act upon such directives.

12. CERTIFIED PAYROLL REPORTS

Pursuant to PA 100-1177 the Illinois Department of Labor (IDOL) has activated an electronic database (Payroll Portal) capable of accepting and retaining certified payrolls submitted under the State of Illinois Prevailing Wage Act (820 ILCS/130/1). All contractors and subcontractors completing work for the Village of Buffalo Grove pursuant to the Act must submit all certified payroll through the IDOL Payroll Portal.

The Village is an Illinois unit of local government, and the Work hereunder is subject to the Illinois Prevailing Wage Act, 820 ILCS 130/0.01, et seq. Consequently, the Contractor and each subcontractor shall submit with their

application for payment(s) the email certification received from their IDOL Payroll Portal submittal with each of their pay requests. Any delay in processing the payments due to a lack of aforementioned email certification shall not be an event of default by the Village and shall not excuse any delay by the Contractor who shall proceed with the Work as if no delay in payment has occurred. The Contractor and Village shall agree to take any further steps not outlined above to ensure compliance with the Prevailing Wage Act. Upon two business days' Notice, the Contractor and each subcontractor shall make available to the Village their records to confirm compliance with the Prevailing Wage Act. Finally, to ensure compliance with Prevailing Wage Act, the Contractor and each subcontractor shall keep for a period of not less than 5 years after the Work has been completed records of all laborers, mechanics, and other workers employed by them for the Work; the records shall include each worker's name, address, telephone number, classification or classifications, the hourly wages paid in each period, the number of hours worked each day, the starting and ending times of work each day and, when available, last four digits of the social security number. The Contractor shall provide a list of every name, address, phone number and email of every sub-contractor for the Work.

If the contractor must submit the payroll to the Village of Buffalo Grove for reasons outside of their control, the Village requests that the Contractor submit all certified payroll reports, including subcontractors, and EEO reporting be sent electronically in separate files for each respective Contractor/subcontractor with the weeks ending date in the file name to tsianis@vbg.org (i.e. Contractor Name Week Ending.pdf).

The Contractor is responsible for providing all records in accordance with the Illinois Department of Labor's (IDOL) requirements pertaining to the Prevailing Wage Act on the standard IDOL form. Only the last four (4) digits of the employee's social security number will be required; the remaining digits shall be "X" or redacted. To complete the certified payroll request for release of payment, the Contractor must supply a signed and notarized written statement that all necessary documentation has been turned over for the pay period pertaining to that payment requested.

Under P.A. 98-0328, the public body must retain copies of the certified payroll for 5 years rather than 3 years as was the case previously. The Illinois Department of Labor (IDOL) has created model certified payroll forms which can be found at the IDOL website www.illinois.gov/idol. the new form consists of three pages identified as the "certified transcript of payroll affidavit" and "certified transcript of payroll instructions". The new forms on the IDOL website can be filled in online and then printed out. under P.A. 98-0482, contractors and subcontractors will have to provide additional information with respect to working hours, wage rates, overtime rates and fringe benefits. The IDOL's model certified payroll forms are the most current forms for compliance with P.A. 98-0482 and should be used in public works contracts.

APPENDIX A
SANITARY SEWER TELEVISION
APPROXIMATE SUMMARY OF QUANTITIES

Cook County

ID	Diameter (in)	Length (ft)	County	Downstream Manhole	Upstream Manhole	Material	Notes
21233927	8	10.5	Cook	C09-1005	C09-1007	Asbestos Concrete	REGENT DR
21236212	8	37.9	Cook	D08-1760	D08-1759	Asbestos Concrete	INDIAN HILL DR
21232922	8	41.7	Cook	D08-1520	D08-1513	Asbestos Concrete	PLUM GROVE CIR
21236460	8	44.8	Cook	D10-1004	D10-1003	Unknown	PRIVATE ROAD
21234458	8	51.7	Cook	D09-1261	D10-1004	Unknown	PRIVATE ROAD
21236988	8	56.1	Cook	D09-1777	D09-1774	Poly Vinyl Chloride	WEIDNER RD
21237211	8	66.3	Cook	D09-1752	D09-1751	Vitrified Clay Pipe	WINDSOR DR
21233261	8	66.4	Cook	D09-1259	D09-1261	Unknown	PRIVATE ROAD
21235310	8	68.2	Cook	D09-1776	D09-1775	Poly Vinyl Chloride	BERNARD DR
21235258	8	71.1	Cook	D08-1262	D08-1261	Asbestos Concrete	WHITEHALL CT
21234793	8	73.2	Cook	D09-1751	D09-1750	Vitrified Clay Pipe	WINDSOR DR
21234893	8	74.9	Cook	D08-1503	D08-1502	Asbestos Concrete	REGENT DR
21236108	8	75.7	Cook	D09-1256	D09-1260	Unknown	WEIDNER RD
21235048	8	83.6	Cook	D08-1511	D08-1510	Asbestos Concrete	REGENT CT W
21235744	8	85.4	Cook	C08-1003	C08-1002	Vitrified Clay Pipe	BEECHWOOD RD
21236401	8	87.7	Cook	C09-1258	C09-1257	Asbestos Concrete	BEECHWOOD RD
21234920	8	88.1	Cook	D09-1018	D08-1267	Asbestos Concrete	STONEGATE RD
21233081	8	88.9	Cook	D09-1005	D09-1004	Asbestos Concrete	TIMBER HILL RD
21235284	8	89.3	Cook	D09-1507	D09-1506	Vitrified Clay Pipe	WINDSOR DR
21237088	8	89.9	Cook	D08-1752	D08-1751	Asbestos Concrete	PLUM GROVE CIR
21234757	8	90.2	Cook	D08-1259	D08-1258	Asbestos Concrete	WHITEHALL DR
21233910	8	91.4	Cook	C09-1011	C09-1012	Asbestos Concrete	CHATHAM CIR
21236465	8	93.2	Cook	D09-1260	D09-1259	Unknown	PRIVATE ROAD
21237392	8	94	Cook	C08-1255	C08-1260	Asbestos Concrete	FORESTWAY CT
21233718	8	97.9	Cook	D09-1009	D09-1008	Asbestos Concrete	TIMBER HILL RD
21234974	8	99	Cook	D08-1256	D08-1005	Asbestos Concrete	WHITEHALL DR
21235105	8	100.1	Cook	D08-1269	D08-1268	Asbestos Concrete	COUNTRY LN
21234978	8	100.9	Cook	D09-1012	D09-1011	Asbestos Concrete	COUNTRY LN
21234931	8	102.2	Cook	D08-1265	D08-1264	Asbestos Concrete	STONEGATE RD
21235317	8	102.3	Cook	D08-1261	D08-1006	Asbestos Concrete	WHITEHALL CT
21234915	8	102.8	Cook	D09-1016	D09-1015	Asbestos Concrete	PLUM GROVE CIR
21233751	8	102.9	Cook	D08-1762	D08-1761	Asbestos Concrete	INDIAN HILL DR
21235365	8	104.1	Cook	D08-1257	D08-1262	Asbestos Concrete	WHITEHALL CT
21234247	8	104.2	Cook	C08-1264	C08-1263	Asbestos Concrete	LONGWOOD DR
21233278	8	104.9	Cook	D09-1508	D09-1507	Vitrified Clay Pipe	WINDSOR DR
21233783	8	106	Cook	C09-1264	C09-1263	Asbestos Concrete	ESTATE DR

21235023	8	106.9	Cook	D08-1502	D08-1501	Asbestos Concrete	REGENT DR
21237297	8	108.8	Cook	C09-1012	C09-1013	Asbestos Concrete	CHATHAM CIR
21235161	8	109.3	Cook	D08-1501	D08-1500	Asbestos Concrete	REGENT DR
21236570	8	110.1	Cook	D09-1017	D09-1018	Asbestos Concrete	STONEGATE RD
21234982	8	110.9	Cook	D08-1253	D08-1252	Asbestos Concrete	TIMBER HILL RD
21234264	8	111.5	Cook	C09-1260	C09-1261	Asbestos Concrete	ESTATE DR
21232931	8	111.6	Cook	C08-1259	C08-1258	Vitrified Clay Pipe	BEECHWOOD RD
21234594	8	112.4	Cook	C09-1263	C09-1015	Asbestos Concrete	ESTATE DR
21237241	8	113.8	Cook	C08-1005	C08-1004	Vitrified Clay Pipe	BEECHWOOD RD
21237384	8	114	Cook	D09-1757	D09-1759	Asbestos Concrete	WEIDNER CT
21235065	8	114.4	Cook	D09-1000	D08-1254	Asbestos Concrete	TIMBER HILL RD
21234633	8	114.5	Cook	D08-1516	D08-1515	Asbestos Concrete	INDIAN HILL DR
21163809	8	115	Cook	D09-1511	D09-1510	Asbestos Concrete	TIMBER HILL RD
21234431	8	115	Cook	C08-1265	C08-1264	Asbestos Concrete	LONGWOOD DR
21234582	8	115.1	Cook	C08-1004	C08-1003	Vitrified Clay Pipe	BEECHWOOD RD
21233993	8	116.1	Cook	C08-1254	C08-1253	Asbestos Concrete	FORESTWAY DR
21237347	8	117.1	Cook	D09-1505	D09-1775	Asbestos Concrete	BERNARD DR
21234479	8	120.5	Cook	C08-1262	C08-1261	Asbestos Concrete	REGENT DR
21235176	8	120.8	Cook	D09-1013	D09-1012	Asbestos Concrete	COUNTRY LN
21237137	8	121.1	Cook	D08-1254	D08-1259	Asbestos Concrete	WHITEHALL DR
21234004	8	121.6	Cook	C08-1006	C08-1005	Vitrified Clay Pipe	BEECHWOOD RD
21236338	8	122.6	Cook	D08-1252	D08-1251	Asbestos Concrete	TIMBER HILL RD
21236210	8	123.8	Cook	C09-1256	C09-1255	Asbestos Concrete	BEECHWOOD RD
21237091	8	124.4	Cook	D08-1267	D08-1266	Asbestos Concrete	STONEGATE RD
21235012	8	125	Cook	D09-1502	D09-1501	Asbestos Concrete	TIMBER HILL RD
21234124	8	125.1	Cook	D09-1514	D09-1513	Asbestos Concrete	INDIAN HILL DR
21163577	8	125.8	Cook	D09-1007	D09-1511	Asbestos Concrete	TIMBER HILL RD
21237146	8	126.4	Cook	C08-1258	C08-1007	Vitrified Clay Pipe	BEECHWOOD RD
21233889	8	129.1	Cook	C09-1007	C09-1006	Asbestos Concrete	REGENT DR
21236463	8	130.2	Cook	C09-1251	C09-1250	Asbestos Concrete	BEECHWOOD RD
21237097	8	130.7	Cook	D08-1751	D08-1750	Asbestos Concrete	PLUM GROVE CIR
21233464	8	133.7	Cook	D09-1768	C09-1262	Asbestos Concrete	ESTATE DR
21369774	8	134.2	Cook	D09-1771	D09-1769	Asbestos Concrete	BERNARD DR
21235036	8	136.1	Cook	D08-1264	D08-1263	Asbestos Concrete	STONEGATE RD
21237262	8	137.9	Cook	C09-1252	C09-1251	Asbestos Concrete	BEECHWOOD RD
21233586	8	138.8	Cook	C08-1007	C08-1009	Vitrified Clay Pipe	BEECHWOOD CT W
21235298	8	139.9	Cook	D09-1505	D09-1504	Asbestos Concrete	BERNARD DR
21235708	8	140.1	Cook	D08-1507	D08-1506	Asbestos Concrete	BERNARD DR

21234169	8	140.2	Cook	C09-1255	C09-1254	Asbestos Concrete	BEECHWOOD RD
21233664	8	141.9	Cook	D09-1004	D09-1003	Asbestos Concrete	TIMBER HILL RD
21236467	8	143.5	Cook	C09-1254	C09-1252	Asbestos Concrete	BEECHWOOD RD
21234662	8	144	Cook	D08-1757	D08-1507	Asbestos Concrete	BERNARD DR
21163814	8	144.4	Cook	D09-1501	D09-1500	Asbestos Concrete	TIMBER HILL RD
21233013	8	144.6	Cook	D09-1013	D09-1016	Asbestos Concrete	PLUM GROVE CIR
21237144	8	144.6	Cook	D09-1010	D09-1009	Asbestos Concrete	TIMBER HILL RD
21235204	8	145.5	Cook	D08-1503	D08-1504	Asbestos Concrete	REGENT CT E
21233527	8	147.7	Cook	D09-1767	C09-1265	Asbestos Concrete	CHATHAM CIR
21233941	8	148.2	Cook	C08-1253	C08-1252	Asbestos Concrete	FORESTWAY DR
21236437	8	149.4	Cook	D08-1515	D08-1514	Asbestos Concrete	INDIAN HILL DR
21234745	8	151.1	Cook	D08-1753	D08-1752	Asbestos Concrete	PLUM GROVE CIR
21233641	8	152.3	Cook	D09-1015	D09-1014	Asbestos Concrete	PLUM GROVE CIR
21235484	8	155.5	Cook	D09-1008	D09-1007	Asbestos Concrete	TIMBER HILL RD
21233594	8	156.8	Cook	D09-1002	D09-1001	Asbestos Concrete	TIMBER HILL RD
21163831	8	163.2	Cook	D09-1017	D09-1019	Asbestos Concrete	STONEGATE CT
21236408	8	164.9	Cook	C09-1259	C09-1258	Asbestos Concrete	BEECHWOOD RD
21234240	8	165.3	Cook	C09-1262	C09-1260	Asbestos Concrete	ESTATE DR
21234221	8	166.1	Cook	C09-1257	C09-1256	Asbestos Concrete	BEECHWOOD RD
21233686	8	167	Cook	D09-1001	D09-1000	Asbestos Concrete	TIMBER HILL RD
21234391	8	167.8	Cook	C09-1250	C09-1010	Asbestos Concrete	BEECHWOOD RD
21233683	8	168.4	Cook	D08-1506	D08-1508	Asbestos Concrete	BERNARD DR
21234237	8	168.4	Cook	D08-1761	D08-1760	Asbestos Concrete	INDIAN HILL DR
21163676	8	168.9	Cook	D09-1003	D09-1002	Asbestos Concrete	TIMBER HILL RD
21234353	8	172.3	Cook	C09-1009	C09-1008	Asbestos Concrete	BEECHWOOD RD
21236487	8	172.9	Cook	C09-1009	C09-1013	Asbestos Concrete	CHATHAM CIR
21233772	8	175.9	Cook	C08-1261	D08-1763	Asbestos Concrete	REGENT DR
21235172	8	183.5	Cook	D08-1254	D08-1253	Asbestos Concrete	TIMBER HILL RD
21234638	8	184.1	Cook	D09-1504	D09-1509	Asbestos Concrete	WINDSOR DR
21236746	8	186.8	Cook	D08-1513	D08-1512	Asbestos Concrete	PLUM GROVE CIR
21163792	8	187.8	Cook	C08-1266	C09-1014	Asbestos Concrete	LONGWOOD CT
21233953	8	188.1	Cook	C08-1268	C08-1267	Vitrified Clay Pipe	KATHERINE CT
21237172	8	188.2	Cook	C08-1011	C07-1261	Asbestos Concrete	BERNARD DR
21235192	8	190.3	Cook	D08-1257	D08-1256	Asbestos Concrete	WHITEHALL DR
21350544	8	190.3	Cook	D08-1002	D08-1001	Poly Vinyl Chloride	LAKE COOK RD
21235054	8	191.6	Cook	C08-1256	C08-1255	Asbestos Concrete	FORESTWAY DR
21236153	8	193.1	Cook	C09-1010	C09-1009	Asbestos Concrete	BEECHWOOD RD
21237220	8	193.8	Cook	D08-1755	D08-1754	Asbestos Concrete	TERRACE PL

21236280	8	195	Cook	C09-1002	C09-1001	Vitrified Clay Pipe	WEIDNER RD
21236494	8	199.2	Cook	D08-1763	D08-1509	Asbestos Concrete	REGENT DR
21234556	8	203.7	Cook	D09-1253	D09-1257	TRUSS Composite Sewer Pipe	LAKE COOK RD
21163738	8	206.3	Cook	C09-1252	C09-1253	Asbestos Concrete	BEECHWOOD CT E
21233873	8	209.1	Cook	C09-1002	C09-1003	Vitrified Clay Pipe	WEIDNER RD
21234146	8	209.3	Cook	D09-1769	D09-1772	Asbestos Concrete	BERNARD DR
21234425	8	212.8	Cook	C08-1256	C08-1268	Vitrified Clay Pipe	KATHERINE CT
21237410	8	213.3	Cook	D08-1006	D08-1002	Asbestos Concrete	WHITEHALL CT
21236243	8	216.6	Cook	D09-1769	D09-1768	Asbestos Concrete	ESTATE DR
21234389	8	219	Cook	C09-1001	C09-1000	Vitrified Clay Pipe	WEIDNER RD
21233767	8	219.7	Cook	D08-1508	C08-1011	Asbestos Concrete	BERNARD DR
21236486	8	226.2	Cook	D08-1758	D08-1757	Asbestos Concrete	BERNARD DR
21234443	8	226.8	Cook	D09-1768	D09-1767	Asbestos Concrete	CHATHAM CIR
21233417	8	227.4	Cook	C08-1002	C07-1262	Vitrified Clay Pipe	ARLINGTON HTS RD
21236255	8	228.7	Cook	D09-1252	D09-1263	Vitrified Clay Pipe	ST MARYS PKWY
21233337	8	228.8	Cook	D08-1505	D08-1511	Asbestos Concrete	REGENT CT W
21163693	8	237	Cook	D08-1756	D08-1758	Asbestos Concrete	BERNARD DR
21234614	8	237.8	Cook	C08-1266	C08-1265	Asbestos Concrete	LONGWOOD DR
21234695	8	240.4	Cook	C09-1260	C09-1259	Asbestos Concrete	ESTATE DR
21233048	8	240.7	Cook	D09-1010	D09-1013	Asbestos Concrete	COUNTRY LN
21234222	8	243.5	Cook	D09-1772	D09-1778	Asbestos Concrete	BERNARD DR
21233911	8	244.5	Cook	C08-1007	C08-1006	Vitrified Clay Pipe	BEECHWOOD RD
21233919	8	245.2	Cook	D08-1757	D08-1516	Asbestos Concrete	INDIAN HILL DR
21234468	8	248.9	Cook	D09-1257	D09-1256	TRUSS Composite Sewer Pipe	WEIDNER RD
21237183	8	254.5	Cook	D08-1251	D08-1009	Asbestos Concrete	LAKE COOK RD
21236126	8	256.8	Cook	C09-1003	C09-1004	Vitrified Clay Pipe	WEIDNER RD
21234952	8	266.6	Cook	D08-1004	D08-1003	Asbestos Concrete	WHITEHALL DR
21163640	8	266.7	Cook	D09-1006	D09-1005	Asbestos Concrete	TIMBER HILL RD
21234078	8	267.1	Cook	D09-1774	D09-1514	Asbestos Concrete	WEIDNER RD
21236573	8	271.2	Cook	D08-1505	D08-1503	Asbestos Concrete	REGENT DR
21233498	8	278.4	Cook	D08-1506	D08-1505	Asbestos Concrete	REGENT DR
21235190	8	279	Cook	D08-1005	D08-1004	Asbestos Concrete	WHITEHALL DR
21234279	8	279.2	Cook	D09-1503	D08-1756	Asbestos Concrete	BERNARD DR
21235027	8	279.3	Cook	D08-1765	D08-1263	Asbestos Concrete	STONEGATE RD
21163784	8	279.8	Cook	C09-1000	C08-1257	Vitrified Clay Pipe	BEECHWOOD RD
21233978	8	281.5	Cook	C08-1257	C08-1256	Vitrified Clay Pipe	FORESTWAY DR
21236378	8	282.2	Cook	D08-1756	D08-1755	Asbestos Concrete	TERRACE PL
21232951	8	286.3	Cook	D09-1251	D09-1010	Asbestos Concrete	COUNTRY LN

21235173	8	286.9	Cook	D08-1002	D08-1001	Asbestos Concrete	WHITEHALL CT
21234218	8	289.2	Cook	C08-1267	C08-1010	Vitrified Clay Pipe	KATHERINE CT
21234116	8	295.3	Cook	D08-1758	D08-1764	Asbestos Concrete	BERNARD CT
21235140	8	295.8	Cook	C08-1255	C08-1254	Asbestos Concrete	FORESTWAY DR
21163701	8	298	Cook	C09-1005	C09-1004	Vitrified Clay Pipe	WEIDNER RD
21233838	8	298.9	Cook	C08-1250	C08-1262	Asbestos Concrete	REGENT DR
21236594	8	299	Cook	D09-1504	D09-1503	Asbestos Concrete	BERNARD DR
21163802	8	302.1	Cook	D09-1513	D09-1513	Asbestos Concrete	INDIAN HILL DR
21233235	8	305.3	Cook	C08-1009	C08-1008	Vitrified Clay Pipe	BEECHWOOD CT W
21233401	8	307.3	Cook	D09-1514	C09-1005	Vitrified Clay Pipe	WEIDNER RD
21233238	8	311.9	Cook	C09-1003	C08-1266	Asbestos Concrete	LONGWOOD DR
21235203	8	313.4	Cook	D08-1266	D08-1265	Asbestos Concrete	STONEGATE RD
21234723	8	314.6	Cook	D09-1750	D09-1508	Vitrified Clay Pipe	WINDSOR DR
21163638	8	327.2	Cook	C08-1257	C08-1259	Vitrified Clay Pipe	BEECHWOOD RD
21234795	8	336.5	Cook	D08-1258	D08-1257	Asbestos Concrete	WHITEHALL DR
21235219	8	338.1	Cook	D09-1014	D08-1753	Asbestos Concrete	PLUM GROVE CIR
21233224	8	342.1	Cook	D08-1763	C08-1251	Asbestos Concrete	FORESTWAY DR
21233162	8	358.8	Cook	C08-1501	C08-1501	Vitrified Clay Pipe	ARLINGTON HTS RD
21163571	8	359.3	Cook	C09-1006	C08-1250	Asbestos Concrete	REGENT DR
21235321	8	366.2	Cook	D08-1750	D08-1520	Asbestos Concrete	PLUM GROVE CIR
21234933	8	376.1	Cook	D09-1005	D09-1017	Asbestos Concrete	STONEGATE RD
21235003	8	384.2	Cook	D09-1011	D08-1269	Asbestos Concrete	COUNTRY LN
21234800	8	392.8	Cook	D09-1503	D09-1502	Asbestos Concrete	TIMBER HILL RD
21234232	8	397.9	Cook	C09-1011	C09-1267	Asbestos Concrete	CHATHAM CIR
21233787	8	398.2	Cook	C09-1259	C09-1264	Asbestos Concrete	ESTATE DR
21233868	8	415.1	Cook	C09-1267	C09-1266	Asbestos Concrete	CHATHAM CIR
21233574	8	424.5	Cook	C08-1002	C08-1501	Vitrified Clay Pipe	ARLINGTON HTS RD
21233884	8	432	Cook	D09-1512	D08-1762	Asbestos Concrete	INDIAN HILL DR
	8" Total	32655.4					
21234976	10	172.2	Cook	D09-1757	D09-1755	Asbestos Concrete	WEIDNER RD
21236362	10	175.4	Cook	D09-1250	D09-1251	Asbestos Concrete	WEIDNER RD
21237337	10	290.9	Cook	D09-1755	D09-1752	Asbestos Concrete	WEIDNER RD
21236433	10	315.2	Cook	D09-1778	D09-1757	Asbestos Concrete	WEIDNER RD
21237209	10	361.2	Cook	D09-1752	D09-1250	Asbestos Concrete	WEIDNER RD
	10" Total	1314.9					
21234340	12	170.4	Cook	D09-1251	D09-1252	Asbestos Concrete	WEIDNER RD
21234575	12	249.8	Cook	D09-1253	D09-1254	Asbestos Concrete	PARK
21233422	12	252.3	Cook	D09-1252	D09-1253	Asbestos Concrete	WEIDNER RD

	12" Total	672.5					
21233648	15	17.2	Cook	D09-1006	D09-1010	Poly Vinyl Chloride	TIMBER HILL RD
	15" Total	17.2					
	Grand Total	34660					

Lake County Sanitary Sewers

ID	Diameter (in)	Length (ft)	County	Downstream Manhole	Upstream Manhole	Material	Street
21163563	8	251.1	Lake	F09-1510	F09-1509	Vitrified Clay Pipe	CASTLEWOOD LN
21163569	8	170.0	Lake	F09-1757	F09-1756	Vitrified Clay Pipe	TWISTED OAK LN
21163589	8	292.0	Lake	F09-1501	F09-1502	Vitrified Clay Pipe	INDIAN SPRINGS LN
21163598	8	277.7	Lake	E09-1013	E08-1262	Vitrified Clay Pipe	CHECKER DR
21163600	8	193.0	Lake	F08-1251	F08-1252	Vitrified Clay Pipe	PENNY LN
21163602	8	119.2	Lake	F08-1500	F08-1501	Vitrified Clay Pipe	SIDE YARD
21163607	8	130.4	Lake	F09-1017	F09-1010	Vitrified Clay Pipe	ESSINGTON LN
21163645	8	232.9	Lake	F09-1759	F09-1504	Vitrified Clay Pipe	DORNCLIFF LN
21163650	8	176.0	Lake	F09-1255	F09-1254	Vitrified Clay Pipe	TWISTED OAK LN
21163659	8	88.0	Lake	F09-1256	F09-1255	Vitrified Clay Pipe	TWISTED OAK LN
21163683	8	72.1	Lake	F10-1001	F10-1000	Vitrified Clay Pipe	SILVER ROCK LN
21163736	8	338.7	Lake	F10-1258	F10-1257	Vitrified Clay Pipe	WOODHOLLOW LN
21163743	8	93.7	Lake	E08-1257	E08-1256	TRUSS Composite Sewer Pipe	APPLETREE CT
21163747	8	117.8	Lake	F09-1513	F09-1511	Vitrified Clay Pipe	WESTBOURNE LN
21163750	8	220.9	Lake	F09-1760	F09-1759	Vitrified Clay Pipe	DORNCLIFF LN
21163751	8	299.4	Lake	E09-1255	E09-1254	Vitrified Clay Pipe	SPRINGSIDE CT
21163758	8	292.2	Lake	F10-1753	F10-1253	Vitrified Clay Pipe	WYNGATE LN
21163767	8	231.7	Lake	F10-1750	F10-1510	Vitrified Clay Pipe	SILVER ROCK LN
21163768	8	157.9	Lake	F09-1753	F09-1508	Vitrified Clay Pipe	TWISTED OAK LN
21163786	8	368.6	Lake	F09-1510	F08-1756	Vitrified Clay Pipe	CASTLEWOOD LN
21163791	8	233.1	Lake	F09-1756	F09-1259	Vitrified Clay Pipe	TWISTED OAK LN
21163799	8	220.4	Lake	F08-1757	F08-1761	Vitrified Clay Pipe	TWISTED OAK LN
21232966	8	53.8	Lake	F08-1501	F08-1502	Vitrified Clay Pipe	TWISTED OAK LN
21232969	8	97.2	Lake	F09-1257	F09-1258	Vitrified Clay Pipe	TWISTED OAK LN
21232980	8	331.1	Lake	F08-1509	F08-1757	Vitrified Clay Pipe	TWISTED OAK LN
21233045	8	70.1	Lake	E09-1257	E09-1260	Poly Vinyl Chloride	OLD CHECKER RD
21233047	8	54.4	Lake	E08-1507	E08-1503	TRUSS Composite Sewer Pipe	PRIVATE ROAD
21233052	8	133.5	Lake	E08-1759	E08-1758	TRUSS Composite Sewer Pipe	PRIVATE ROAD
21233065	8	177.2	Lake	F08-1504	F08-1504	Vitrified Clay Pipe	ARBORGATE LN
21233071	8	244.0	Lake	F08-1250	F08-1251	Vitrified Clay Pipe	PENNY LN
21233074	8	297.8	Lake	F09-1002	F09-1001	Vitrified Clay Pipe	INDIAN SPRINGS LN
21233096	8	268.3	Lake	F09-1500	F09-1011	Vitrified Clay Pipe	INDIAN SPRINGS LN
21233110	8	312.5	Lake	F09-1755	F09-1752	Vitrified Clay Pipe	CARRY LN
21233117	8	125.3	Lake	F09-1005	F09-1003	Vitrified Clay Pipe	SIDE YARD
21233125	8	182.9	Lake	F08-1007	F08-1008	Vitrified Clay Pipe	ASPEN CT
21233146	8	176.2	Lake	F09-1006	F09-1010	Vitrified Clay Pipe	SIDE YARD

21233147	8	118.0	Lake	G08-1759	F08-1258	Vitrified Clay Pipe	CLOHESEY DR
21233151	8	94.9	Lake	F09-1015	F09-1014	Vitrified Clay Pipe	ESSINGTON LN
21233172	8	305.1	Lake	F09-1015	F09-1260	Vitrified Clay Pipe	HOLLYSTONE LN
21233226	8	165.6	Lake	E08-1758	E08-1757	TRUSS Composite Sewer Pipe	PRIVATE ROAD
21233274	8	152.1	Lake	F08-1011	F08-1012	Vitrified Clay Pipe	PENNY LN
21233280	8	156.3	Lake	E08-1503	E08-1502	TRUSS Composite Sewer Pipe	SHOPPING CENTER
21233306	8	374.9	Lake	F08-1759	F08-1506	Vitrified Clay Pipe	ARBORGATE LN
21233322	8	272.1	Lake	F08-1008	F08-1500	Vitrified Clay Pipe	SIDE YARD
21233323	8	365.4	Lake	F10-1504	E09-1254	Vitrified Clay Pipe	SPRINGSIDE LN
21233326	8	298.5	Lake	F09-1257	F09-1256	Vitrified Clay Pipe	TWISTED OAK LN
21233338	8	93.2	Lake	F08-1007	F08-1006	Vitrified Clay Pipe	ASPEN CT
21233340	8	193.0	Lake	F09-1254	F09-1016	Vitrified Clay Pipe	TWISTED OAK LN
21233360	8	288.2	Lake	F09-1504	F09-1502	Vitrified Clay Pipe	INDIAN SPRINGS LN
21233369	8	125.7	Lake	E08-1754	E08-1759	TRUSS Composite Sewer Pipe	PRIVATE ROAD
21233379	8	167.9	Lake	E08-1007	F08-1514	Vitrified Clay Pipe	KNIGHT HILL CT
21233387	8	331.2	Lake	F09-1005	F09-1002	Vitrified Clay Pipe	INDIAN SPRINGS LN
21233388	8	292.9	Lake	F08-1752	F08-1756	Vitrified Clay Pipe	SIDE YARD
21233394	8	164.5	Lake	F08-1505	F08-1504	Vitrified Clay Pipe	ARBORGATE LN
21233403	8	346.3	Lake	F09-1001	F09-1000	Vitrified Clay Pipe	INDIAN SPRINGS LN
21233404	8	144.5	Lake	F08-1011	F08-1010	Vitrified Clay Pipe	PENNY LN
21233432	8	259.3	Lake	F09-1013	F09-1012	Vitrified Clay Pipe	ESSINGTON LN
21233439	8	173.0	Lake	E08-1005	E08-1512	TRUSS Composite Sewer Pipe	AUBURN LN
21233443	8	139.3	Lake	E08-1250	F08-1760	Vitrified Clay Pipe	ARBORGATE LN
21233472	8	127.2	Lake	F08-1502	F08-1516	Vitrified Clay Pipe	TWISTED OAK LN
21233488	8	238.4	Lake	E08-1260	E08-1765	TRUSS Composite Sewer Pipe	AUBURN LN
21233494	8	39.1	Lake	E08-1751	E08-1750	TRUSS Composite Sewer Pipe	SHOPPING CENTER
21233497	8	254.3	Lake	E08-1502	E08-1501	TRUSS Composite Sewer Pipe	SHOPPING CENTER
21233502	8	197.2	Lake	F08-1010	F08-1009	Vitrified Clay Pipe	PENNY LN
21233520	8	118.5	Lake	E08-1001	E08-1005	TRUSS Composite Sewer Pipe	AUBURN LN
21233536	8	277.3	Lake	E08-1510	E08-1507	TRUSS Composite Sewer Pipe	PRIVATE ROAD
21233541	8	300.3	Lake	F08-1256	F08-1255	Vitrified Clay Pipe	CLOHESEY DR
21233568	8	107.8	Lake	F09-1504	F09-1503	Vitrified Clay Pipe	DORNCLIFF LN
21233569	8	180.9	Lake	F08-1506	F08-1513	Unknown	SIDE YARD
21233585	8	211.6	Lake	F10-1254	F10-1260	Vitrified Clay Pipe	WOODHOLLOW LN
21233593	8	216.4	Lake	E09-1011	F09-1750	Vitrified Clay Pipe	CHECKER DR
21233596	8	378.3	Lake	E08-1756	E08-1754	TRUSS Composite Sewer Pipe	PRIVATE ROAD
21233604	8	172.6	Lake	E08-1757	E08-1510	TRUSS Composite Sewer Pipe	PRIVATE ROAD
21233613	8	139.4	Lake	F08-1760	F08-1759	Vitrified Clay Pipe	ARBORGATE LN

21233637	8	224.5	Lake	E08-1763	E08-1765	TRUSS Composite Sewer Pipe	AUBURN LN
21233638	8	64.1	Lake	F09-1500	F09-1501	Vitrified Clay Pipe	INDIAN SPRINGS LN
21233645	8	276.6	Lake	F09-1751	F09-1752	Vitrified Clay Pipe	CHECKER DR
21233669	8	303.9	Lake	F09-1750	F09-1751	Vitrified Clay Pipe	CHECKER DR
21233672	8	59.8	Lake	E08-1754	E08-1752	TRUSS Composite Sewer Pipe	PRIVATE ROAD
21233673	8	379.2	Lake	F08-1513	F08-1512	Unknown	PARK
21233682	8	229.2	Lake	F09-1009	F09-1008	Vitrified Clay Pipe	ESSINGTON LN
21233695	8	237.5	Lake	F08-1012	F08-1250	Vitrified Clay Pipe	PENNY LN
21233703	8	294.9	Lake	F08-1506	F08-1505	Vitrified Clay Pipe	ARBORGATE LN
21233705	8	112.9	Lake	F08-1254	F08-1253	Vitrified Clay Pipe	ASPEN DR
21233706	8	252.5	Lake	F09-1008	F09-1007	Vitrified Clay Pipe	ESSINGTON LN
21233734	8	299.1	Lake	F08-1258	F08-1257	Vitrified Clay Pipe	CLOHESEY DR
21233736	8	229.7	Lake	F09-1015	F09-1512	Vitrified Clay Pipe	HOLLYSTONE LN
21233755	8	78.6	Lake	F08-1004	F08-1005	Vitrified Clay Pipe	ASPEN DR
21233758	8	345.6	Lake	E08-1755	E08-1754	TRUSS Composite Sewer Pipe	WEIDNER RD
21233761	8	215.7	Lake	E08-1752	E08-1751	TRUSS Composite Sewer Pipe	SHOPPING CENTER
21233798	8	284.3	Lake	F10-1253	F10-1252	Vitrified Clay Pipe	WYNGATE LN
21233821	8	387.1	Lake	F10-1005	F10-1259	Vitrified Clay Pipe	WOODHOLLOW LN
21233852	8	320.3	Lake	F10-1003	F10-1002	Vitrified Clay Pipe	SILVER ROCK LN
21233886	8	72.7	Lake	F10-1008	F10-1007	Vitrified Clay Pipe	SHADY GROVE LN
21233900	8	160.8	Lake	F09-1757	F09-1758	Vitrified Clay Pipe	TWISTED OAK LN
21233918	8	223.2	Lake	F10-1004	F10-1003	Vitrified Clay Pipe	SILVER ROCK LN
21233936	8	324.3	Lake	F10-1251	F10-1250	Vitrified Clay Pipe	WYNGATE LN
21233990	8	280.5	Lake	F10-1252	F10-1251	Vitrified Clay Pipe	WYNGATE LN
21234006	8	135.6	Lake	F08-1512	F08-1511	Unknown	ARLINGTON HTS RD
21234012	8	204.7	Lake	E08-1008	E08-1007	Vitrified Clay Pipe	KNIGHT HILL CT
21234025	8	308.2	Lake	F10-1009	F10-1008	Vitrified Clay Pipe	SHADY GROVE LN
21234057	8	169.2	Lake	F09-1508	F09-1507	Vitrified Clay Pipe	TWISTED OAK LN
21234059	8	151.0	Lake	F09-1507	F09-1506	Vitrified Clay Pipe	TWISTED OAK LN
21234069	8	92.1	Lake	E08-1258	E08-1257	TRUSS Composite Sewer Pipe	SIDE YARD
21234089	8	72.8	Lake	F10-1751	F10-1750	Vitrified Clay Pipe	SILVER ROCK LN
21234101	8	214.0	Lake	F08-1005	F08-1252	Vitrified Clay Pipe	ASPEN DR
21234126	8	146.2	Lake	F10-1256	F10-1255	Vitrified Clay Pipe	WOODHOLLOW LN
21234164	8	233.9	Lake	F09-1754	F09-1753	Vitrified Clay Pipe	TWISTED OAK LN
21234198	8	207.5	Lake	E08-1256	E08-1004	TRUSS Composite Sewer Pipe	APPLETREE CT
21234210	8	335.7	Lake	E08-1261	E08-1008	Vitrified Clay Pipe	CHECKER DR
21234219	8	197.5	Lake	E08-1003	E08-1002	TRUSS Composite Sewer Pipe	ASHLAND CT
21234220	8	363.3	Lake	F10-1510	F10-1004	Vitrified Clay Pipe	SILVER ROCK LN

21234280	8	280.9	Lake	F09-1506	F09-1505	Vitrified Clay Pipe	TWISTED OAK LN
21234294	8	307.4	Lake	F09-1260	F09-1256	Vitrified Clay Pipe	HOLLYSTONE LN
21234333	8	124.9	Lake	F09-1761	F09-1756	Vitrified Clay Pipe	DORNCLIFF LN
21234485	8	84.9	Lake	F10-1006	F10-1005	Vitrified Clay Pipe	SHADY GROVE LN
21234489	8	64.8	Lake	E08-1004	E08-1003	TRUSS Composite Sewer Pipe	REAR YARD
21234589	8	321.2	Lake	F09-1760	F09-1761	Vitrified Clay Pipe	DORNCLIFF LN
21234612	8	302.5	Lake	F09-1755	F09-1758	Vitrified Clay Pipe	TWISTED OAK LN
21234617	8	342.7	Lake	F10-1257	F10-1256	Vitrified Clay Pipe	WOODHOLLOW LN
21234686	8	309.5	Lake	F09-1763	F09-1513	Vitrified Clay Pipe	WESTBOURNE LN
21234742	8	127.1	Lake	G09-1510	F09-1017	Vitrified Clay Pipe	ESSINGTON LN
21235061	8	376.9	Lake	F10-1754	F10-1258	Vitrified Clay Pipe	WOODHOLLOW LN
21235354	8	316.7	Lake	F09-1505	F08-1758	Vitrified Clay Pipe	TWISTED OAK LN
21235379	8	87.9	Lake	F09-1259	F09-1258	Vitrified Clay Pipe	TWISTED OAK LN
21235389	8	72.3	Lake	E08-1260	E08-1259	TRUSS Composite Sewer Pipe	AUBURN LN
21235451	8	33.6	Lake	F09-1003	F09-1006	Vitrified Clay Pipe	REAR YARD
21235497	8	108.4	Lake	E08-1002	E08-1001	TRUSS Composite Sewer Pipe	ASHLAND CT
21235536	8	407.3	Lake	F09-1257	F09-1763	Vitrified Clay Pipe	WESTBOURNE LN
21235551	8	278.6	Lake	E09-1010	E09-1011	Vitrified Clay Pipe	CHECKER DR
21235552	8	235.7	Lake	E09-1258	E09-1259	Unknown	OLD CHECKER CT
21235672	8	295.9	Lake	F08-1755	F08-1754	Vitrified Clay Pipe	CASTLEWOOD LN
21235679	8	160.7	Lake	E08-1764	E08-1765	TRUSS Composite Sewer Pipe	BLOSSOM CT
21235683	8	286.7	Lake	F08-1252	F08-1254	Vitrified Clay Pipe	ASPEN DR
21235720	8	223.5	Lake	E08-1501	E08-1500	TRUSS Composite Sewer Pipe	SHOPPING CENTER
21235729	8	67.2	Lake	F09-1014	F09-1013	Vitrified Clay Pipe	ESSINGTON LN
21235736	8	265.0	Lake	E08-1511	E08-1005	TRUSS Composite Sewer Pipe	THORNAPPLE CT
21235737	8	43.5	Lake	F08-1502	F08-1515	Vitrified Clay Pipe	TWISTED OAK LN
21235740	8	123.1	Lake	F09-1010	F09-1009	Vitrified Clay Pipe	ESSINGTON LN
21235752	8	375.4	Lake	F08-1257	F08-1256	Vitrified Clay Pipe	CLOHESEY DR
21235757	8	363.9	Lake	F08-1001	F08-1000	Vitrified Clay Pipe	ASPEN DR
21235760	8	229.6	Lake	F08-1756	F08-1755	Vitrified Clay Pipe	CASTLEWOOD LN
21236104	8	226.2	Lake	F10-1255	F10-1254	Vitrified Clay Pipe	WOODHOLLOW LN
21236138	8	178.8	Lake	F10-1752	F10-1753	Vitrified Clay Pipe	WYNGATE LN
21236271	8	222.9	Lake	F10-1010	F10-1009	Vitrified Clay Pipe	SHADY GROVE LN
21236438	8	61.4	Lake	F10-1007	F10-1006	Vitrified Clay Pipe	SHADY GROVE LN
21236653	8	114.4	Lake	F08-1502	F08-1503	Vitrified Clay Pipe	ARBORGATE LN
21236718	8	196.1	Lake	E08-1261	E08-1250	Vitrified Clay Pipe	ARBORGATE LN
21236753	8	205.3	Lake	E08-1001	E08-1000	TRUSS Composite Sewer Pipe	AUBURN LN
21236829	8	184.8	Lake	E09-1012	E08-1251	Vitrified Clay Pipe	BURNT EMBER CT

21236858	8	176.3	Lake	E08-1259	E08-1258	TRUSS Composite Sewer Pipe	AUBURN LN
21237019	8	395.7	Lake	E08-1008	E08-1006	Vitrified Clay Pipe	CHECKER DR
21237033	8	114.4	Lake	F08-1761	F08-1758	Vitrified Clay Pipe	TWISTED OAK LN
21237133	8	291.8	Lake	E08-1262	E08-1261	Vitrified Clay Pipe	CHECKER DR
21237186	8	318.9	Lake	F10-1002	F10-1001	Vitrified Clay Pipe	SILVER ROCK LN
21237356	8	176.0	Lake	F09-1755	F09-1754	Vitrified Clay Pipe	TWISTED OAK LN
21237375	8	184.3	Lake	F10-1003	F10-1010	Vitrified Clay Pipe	SHADY GROVE LN
	8" Total	33236.1					
21163613	10	151.1	Lake	E09-1008	E09-1013	Vitrified Clay Pipe	CHECKER DR
21163734	10	198.9	Lake	F10-1502	F10-1501	Vitrified Clay Pipe	CHECKER DR
21163779	10	155.4	Lake	F08-1750	F08-1510	Vitrified Clay Pipe	BURNT EMBER LN
21163801	10	279.1	Lake	E08-1262	E08-1251	Vitrified Clay Pipe	BURNT EMBER LN
21233032	10	336.3	Lake	F08-1752	F08-1751	Vitrified Clay Pipe	BURNT EMBER LN
21233068	10	154.6	Lake	F08-1510	F08-1509	Vitrified Clay Pipe	BURNT EMBER LN
21233105	10	136.8	Lake	F08-1005	F08-1517	Vitrified Clay Pipe	SIDE YARD
21233119	10	335.2	Lake	F09-1752	F10-1500	Vitrified Clay Pipe	CHECKER DR
21233136	10	125.9	Lake	F08-1508	F08-1509	Vitrified Clay Pipe	TWISTED OAK LN
21233196	10	312.7	Lake	F08-1004	F08-1003	Vitrified Clay Pipe	ASPEN DR
21233259	10	230.0	Lake	F08-1751	F08-1750	Vitrified Clay Pipe	BURNT EMBER LN
21233270	10	377.2	Lake	F08-1003	F08-1002	Vitrified Clay Pipe	ASPEN DR
21233610	10	84.4	Lake	F08-1507	F08-1517	Vitrified Clay Pipe	REAR YARD
21233768	10	319.0	Lake	E08-1251	F08-1753	Vitrified Clay Pipe	BURNT EMBER LN
21234142	10	168.4	Lake	E09-1252	E09-1253	Vitrified Clay Pipe	SPRINGSIDE LN
21234357	10	191.1	Lake	F10-1506	F10-1505	Vitrified Clay Pipe	SPRINGSIDE LN
21234393	10	209.5	Lake	F10-1507	F10-1506	Vitrified Clay Pipe	SPRINGSIDE LN
21235279	10	172.4	Lake	F08-1507	F08-1508	Vitrified Clay Pipe	SIDE YARD
21235293	10	118.4	Lake	E09-1250	E09-1251	Asbestos Concrete	SPRINDSIDE LN
21235313	10	173.9	Lake	E09-1251	E09-1252	Vitrified Clay Pipe	SPRINGSIDE LN
21235402	10	340.4	Lake	E09-1009	E09-1250	Vitrified Clay Pipe	OLD CHECKER RD
21235427	10	169.2	Lake	E09-1009	E09-1008	Vitrified Clay Pipe	OLD CHECKER RD
21235463	10	292.8	Lake	E09-1254	E09-1253	Vitrified Clay Pipe	SPRINGSIDE LN
21235473	10	201.4	Lake	E09-1000	E08-1260	TRUSS Composite Sewer Pipe	SIDE YARD
21235640	10	132.3	Lake	F08-1002	F08-1001	Vitrified Clay Pipe	ASPEN DR
21235710	10	197.4	Lake	F08-1753	F08-1752	Vitrified Clay Pipe	BURNT EMBER LN
21236164	10	291.4	Lake	F10-1505	F10-1504	Vitrified Clay Pipe	SPRINGSIDE LN
21236313	10	161.7	Lake	F10-1509	F10-1508	Vitrified Clay Pipe	SPRINGSIDE LN
21237233	10	223.2	Lake	F10-1500	F10-1501	Vitrified Clay Pipe	CHECKER DR
21237259	10	204.0	Lake	F10-1508	F10-1508	Vitrified Clay Pipe	SPRINGSIDE LN

	10" Total	6444.1					
21163636	12	271.2	Lake	E08-1762	E08-1761	TRUSS Composite Sewer Pipe	BIKE PATH
21163740	12	64.6	Lake	E09-1751	E09-1750	TRUSS Composite Sewer Pipe	WEIDNER RD
21233198	12	267.7	Lake	E08-1761	E08-1755	TRUSS Composite Sewer Pipe	BIKE PATH
21234087	12	191.7	Lake	E09-1754	E09-1752	TRUSS Composite Sewer Pipe	WEIDNER RD
21234394	12	304.6	Lake	E09-1501	E09-1500	TRUSS Composite Sewer Pipe	WEIDNER RD
21234470	12	292.2	Lake	E08-1253	E08-1252	Poly Vinyl Chloride	CHECKER DR
21234682	12	196.1	Lake	E08-1755	E09-1503	TRUSS Composite Sewer Pipe	WEIDNER RD
21235022	12	47.7	Lake	E08-1252	E08-1261	Poly Vinyl Chloride	CHECKER DR
21235108	12	50.0	Lake	E08-1253	E08-1262	Poly Vinyl Chloride	CHECKER DR
21235578	12	85.9	Lake	E09-1755	E09-1754	TRUSS Composite Sewer Pipe	WEIDNER RD
21235584	12	260.1	Lake	E09-1503	E09-1501	TRUSS Composite Sewer Pipe	WEIDNER RD
21236906	12	266.2	Lake	E09-1752	E09-1751	TRUSS Composite Sewer Pipe	WEIDNER RD
21236955	12	158.5	Lake	E09-1500	E09-1755	TRUSS Composite Sewer Pipe	WEIDNER RD
	12" Total	2456.5					
21163582	15	291.8	Lake	F10-1011	F09-1253	Vitrified Clay Pipe	CHECKER DR
21233179	15	231.7	Lake	E08-1762	E09-1504	Vitrified Clay Pipe	GOLF COURSE
21233202	15	194.2	Lake	F09-1261	F09-1251	Vitrified Clay Pipe	CHECKER DR
21233263	15	324.2	Lake	F09-1253	F09-1252	Vitrified Clay Pipe	CHECKER DR
21233618	15	255.6	Lake	F09-1251	F09-1250	Vitrified Clay Pipe	CHECKER DR
21233834	15	160.3	Lake	F10-1013	F10-1012	Vitrified Clay Pipe	CHECKER DR
21234199	15	178.0	Lake	E08-1254	E08-1253	Poly Vinyl Chloride	CHECKER DR
21236843	15	233.5	Lake	E09-1504	E09-1000	Vitrified Clay Pipe	GOLF COURSE
21236846	15	137.4	Lake	E09-1000	E09-1001	Vitrified Clay Pipe	GOLF COURSE
21237213	15	348.8	Lake	F10-1511	F10-1013	Vitrified Clay Pipe	CHECKER DR
21363372	15	20.0	Lake	F09-1252	F09-1261	Vitrified Clay Pipe	CHECKER DR
21237404	15	215.5	Lake	F10-1012	F10-1011	Vitrified Clay Pipe	CHECKER DR
	15" Total	2591.0					
21233223	18	442.6	Lake	F11-1506	F10-1757	Unknown	FARRINGTON DR
21233496	18	224.3	Lake	F11-1510	F10-1754	Poly Vinyl Chloride	FARRINGTON DR
21233715	18	21.6	Lake	F10-1756	F10-1752	Poly Vinyl Chloride	FARRINGTON DR
21233806	18	150.6	Lake	F10-1503	F10-1509	Unknown	FARRINGTON DR
21233893	18	216.6	Lake	F10-1756	F10-1755	Unknown	FARRINGTON DR
21233952	18	252.4	Lake	F10-1757	F10-1752	Poly Vinyl Chloride	FARRINGTON DR
21234044	18	193.7	Lake	F10-1755	F10-1509	Unknown	FARRINGTON DR
21234114	18	433.0	Lake	F10-1751	F10-1511	Poly Vinyl Chloride	FARRINGTON DR
21234203	18	113.1	Lake	F10-1502	F10-1503	Unknown	FARRINGTON DR
21234406	18	365.2	Lake	E09-1001	E09-1002	Ductile Iron	GOLF COURSE

21234627	18	231.7	Lake	F10-1752	F10-1751	Poly Vinyl Chloride	FARRINGTON DR
21234663	18	249.5	Lake	F10-1757	F10-1756	Unknown	FARRINGTON DR
21235652	18	188.8	Lake	E08-1253	E08-1255	Vitrified Clay Pipe	SIDE YARD
21236725	18	38.9	Lake	E09-1002	E08-1255	Vitrified Clay Pipe	GOLF COURSE
	18" Total	3122.0					
21163706	21	67.8	Lake	E10-1002	E10-1001	Vitrified Clay Pipe	OLD CHECKER RD
21163752	21	126.9	Lake	E09-1004	E08-1253	Vitrified Clay Pipe	CHECKER DR
21163771	21	499.5	Lake	E09-1257	E09-1007	Vitrified Clay Pipe	OLD CHECKER RD
21233731	21	445.9	Lake	E10-1001	E10-1000	Vitrified Clay Pipe	OLD CHECKER RD
21234159	21	500.3	Lake	E10-1251	E10-1002	Vitrified Clay Pipe	OLD CHECKER RD
21234266	21	45.0	Lake	E09-1007	E09-1006	Vitrified Clay Pipe	OLD CHECKER RD
21234346	21	502.2	Lake	E09-1258	E09-1257	Vitrified Clay Pipe	OLD CHECKER RD
21235550	21	53.0	Lake	E10-1000	E09-1258	Vitrified Clay Pipe	OLD CHECKER RD
21235586	21	267.4	Lake	E09-1006	E09-1004	Vitrified Clay Pipe	FRONT YARD
21236645	21	502.7	Lake	E11-1000	E10-1251	Vitrified Clay Pipe	OLD CHECKER RD
	21" Total	3010.7					
	Grand Total	47849.7					

APPENDIX B
SANITARY SEWER TELEVISIONING LOCATION MAP



2023 Sanitary Sewer Televising Cook County Map 1





2023 Sanitary Sewer Televising Cook County Map 2



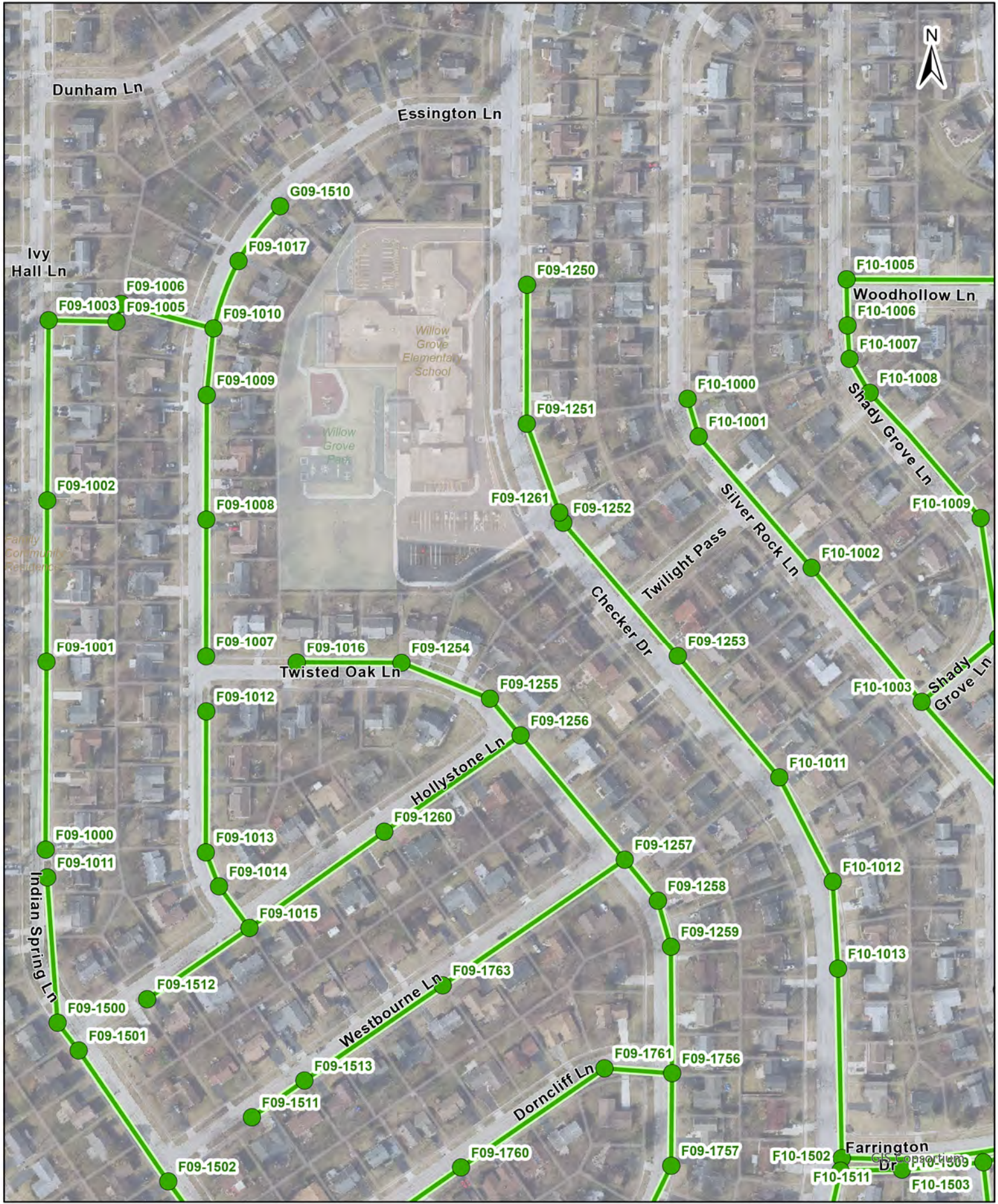


2023 Sanitary Sewer Televising Cook County Map 4





2023 Sanitary Sewer Televising Lake County Map 2



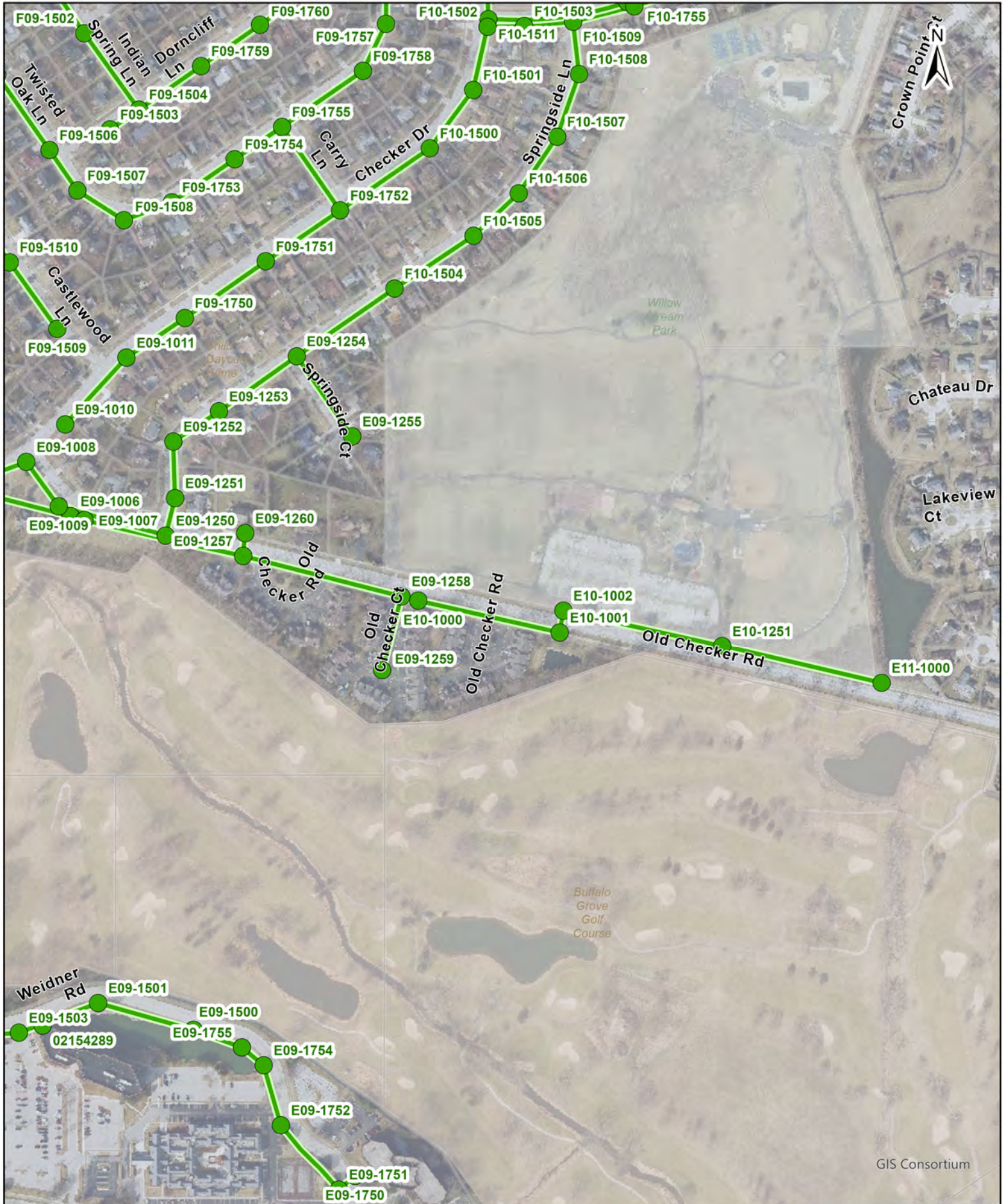


2023 Sanitary Sewer Televising Lake County Map 3





2023 Sanitary Sewer Televising Lake County Map 5





2023 Sanitary Sewer Televising Lake County Map 7



SEWER TELEVISIONING 2023 CONTRACT

Sewer Televisioning 2023 Contract (the “**Contract**”) is entered between the Village of Buffalo Grove (hereinafter the “**Village**” or “**Owner**”), an Illinois home-rule unit of government, and _____ an (hereinafter the “**Contractor**”) on this ____ day of _____, 2023 (the “**Effective Date**”). The Village and the Contractor are hereinafter sometimes collectively referred to as the “**Parties**” and individually as a “**Party**”.

RECITALS

WHEREAS, the Village has solicited bids for the Work (defined below), Contractor has submitted a bid for the Work and Village has selected Contractor for the Work based on their bid; and

WHEREAS, the Contractor wishes to enter into this Contract with the Village and the Village wishes to enter into this Contract with the Contractor for the Work;

NOW THEREFORE, for and in consideration of the mutual covenants and promises herein contained, the adequacy and sufficiency of which are hereby acknowledged by the Parties, it is agreed as follows:

ARTICLE I - WORK TO BE DONE BY THE CONTRACTOR

The Village does hereby hire and contract with the Contractor to provide all the labor, equipment, materials and/or services described more thoroughly on Contract **Exhibit A** (the “**Work**”) which is incorporated into the Contract by this reference.

ARTICLE II - CONTRACT DOCUMENTS

The following exhibits are attached hereto and incorporated herein by this reference:

- Contract Exhibit A – Description of Work**
- Contract Exhibit B – Schedule of Prices**
- Contract Exhibit C – Performance and Payment Bond**

If any term or provision of this Contract shall conflict with any term or provision of the exhibits referenced above, the terms and provisions of the exhibit shall control.

ARTICLE III - CONTRACT AMOUNT

The Village agrees to pay the Contractor for the proper and timely performance of the Work in strict accordance with this Contract as detailed in **Contract Exhibit B** (the “**Schedule of Prices**”) Unless explicitly provided otherwise in this Contract, the detailed sums shall be the full and exclusive compensation owed to the Contractor for the Work; and Contractor may not seek additional payments from the Village.

ARTICLE IV – APPLICATION FOR PAYMENT

The Contractor shall be paid at most once a month and only after providing the Village the following:

1. An executed and notarized Contractor’s Sworn Statement in a form similar to AIA G702 or AIA G703;

All payments under this Contract must be approved by the Village’s Board at regularly scheduled meetings. The Village reserves the right to request any receipts, invoices, proof of payments as the Village, in its sole discretion,

may deem necessary to justify the payment requested *prior* to paying the requested payment. The Contractor shall furnish with his final application for payment a Final Lien Waiver from itself and, if not already provided, from every subcontractor and materialman of the Work.

The Contractor acknowledges that the Village is a unit of local government and that all payments under the Contract are subject to the Local Government Prompt Payment Act, 50 ILCS 505 et seq. To that extent, the Village shall have forty-five calendar (45) days from receipt of a bill or invoice to pay the same before it is considered late under the Contract. Interest, if any, charged for any late payments will be subject to the interest rate caps specified in the Prompt Payment Act.

ARTICLE V – CONTRACT TIME

The Contractor shall fully, and not substantially, complete all the Work and the Work shall be accepted by the Director of Public Works, provided that acceptance by the Director of Public Works shall not be unreasonably delayed, on or before **June 2, 2023**.

If the Contractor shall fail to complete the work within the Contract Time which shall include any proper extension granted by the Village, the Contractor shall pay to the Village an amount equal to Five Hundred dollars (\$500) per calendar day for each day past the Contract Time until final acceptance by the Village as liquidated damages and not as a penalty.

Extension: The Village reserves the right to extend this contract for one (1) year. Written requests for price revisions after the first-year contract period shall be submitted at least thirty (30) calendar days prior to when the contract was executed. Requests must be based upon and include documentation of the actual change in the cost of the components involved in the Contract and shall not include overhead, or profit. In any case requests for price revisions shall not exceed the most recent 12-month Consumer Price Index (CPI-All Urban Consumers, Chicago) or 3% whichever is less.

The Village reserves the right to reject a proposed price increase and terminate the Contract.

For any year beyond the initial year, this Contract is contingent upon the appropriation of sufficient funds by the Village Board; no charges shall be assessed for failure of the Village to appropriate funds in future contract years.

ARTICLE VI – PERFORMANCE and PAYMENT BOND

The Contractor shall provide the Village with a performance and payment bond in substantially the same form as on **Contract Exhibit C** (the “**Performance and Payment Bond**”) prior to Contractor beginning any Work and within 10 calendar days of the Notice of Award sent to the Contractor.

ARTICLE VII – ACCIDENT PREVENTION

The Contractor shall exercise every precaution at all times to protect itself, the property of the Village and the property of others. The safety provision of all applicable laws and ordinances shall be strictly observed by the Contractor at all times. Any practice deemed hazardous or dangerous by the Director of Public Works or his authorized representatives shall be immediately discontinued by the Contractor upon receipt of instructions from the Director of Public Works or his authorized representatives. To the fullest extent permitted by law, the Contractor shall be solely responsible for all safety-related matters.

ARTICLE VIII – INDEMNIFICATION

To the fullest extent permitted by law, the Contractor agrees to defend, pay on behalf of, indemnify, and hold harmless the Village, its elected and appointed officials, agents, employees and volunteers and others working on behalf of the Village against any and all claims, demands, suits or loss, including all costs connected therewith, and for any damages which may be asserted, claimed or recovered against or from the Village, its elected and appointed officials, agents, employees and volunteers and others working on behalf of the Village, by reason of personal injury, including bodily injury and death, and/or property damage, whether damage to property of the Village or of a third party, including loss of use thereof, which arises out of or is in any way connected or associated with the Contract and the Work.

ARTICLE IX – CONTRACTORS INSURANCE

Contractor shall procure and maintain, for the duration of the Contract and any maintenance period, insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees or subcontractors.

A. Minimum Scope of Insurance: Coverage shall be at least as broad as:

Insurance Services Office Commercial General Liability occurrence form CG 0001 with the Village of Buffalo Grove named as additional insured on a primary and non-contributory basis. This primary, non-contributory additional insured coverage shall be confirmed through the following required policy endorsements: **ISO Additional Insured Endorsement CG 20 10 or CG 20 26 and CG 20 01 04 13**

1. Insurance Services Office Commercial General Liability occurrence form CG 0001 with the Village named as additional insured, on a form at least as broad as the ISO Additional Insured Endorsement CG 2010 and CG 2026
2. Insurance Service Office Business Auto Liability coverage form number CA 0001, Symbol 01 "Any Auto."
3. Workers' Compensation as required by the Labor Code of the State of Illinois and Employers' Liability insurance.

B. Minimum Limits of Insurance: Contractor shall maintain limits no less than:

1. Commercial General Liability: \$1,000,000 combined single limit per occurrence for bodily injury, personal injury and property damage. The general aggregate shall be twice the required occurrence limit. Minimum General Aggregate shall be no less than \$2,000,000 or a project/contract specific aggregate of \$1,000,000.
2. Business Automobile Liability: \$1,000,000 combined single limit per accident for bodily injury and property damage.
3. Workers' Compensation and Employers' Liability: Workers' Compensation coverage with statutory limits and Employers' Liability limits of \$500,000 per accident.

C. Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the Village. At the option of the Village, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as it respects the Village, its officials, agents, employees and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigation, claim administration and defense expenses.

D. Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

1. General Liability and Automobile Liability Coverages:
 - a. The Village, its officials, agents, employees and volunteers are to be covered as insureds as respects: liability arising out of activities performed by or on behalf of the Contractor; products and completed operations of the Contractor; premises owned, leased or used by the Contractor; or automobiles owned, leased, hired or borrowed by the Contractor. The coverage shall contain no special limitations on the scope of protection afforded to the Village, its officials, agents, employees and volunteers.
2. The Contractor's insurance coverage shall be primary and non-contributory as respects the Village, its officials, agents, employees and volunteers. Any insurance or self-insurance maintained by the Village, its officials, agents, employees and volunteers shall be excess of Contractor's insurance and shall not contribute with it.
3. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Village, its officials, agents, employees and volunteers.
4. The Contractor's insurance shall contain a Severability of Interests/Cross Liability clause or language stating that Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
5. If any commercial general liability insurance is being provided under an excess or umbrella liability policy that does not "follow form," then the Contractor shall be required to name the Village, its officials, employees, agents and volunteers as additional insureds
6. All general liability coverages shall be provided on an occurrence policy form. Claims-made general liability policies will not be accepted.
7. The contractor and all subcontractors hereby agree to waive any limitation as to the amount of contribution recoverable against them by the Village. This specifically includes any limitation imposed by any state statute, regulation, or case law including any Workers' Compensation Act provision that applies a limitation to the amount recoverable in contribution such as Kotecki v. Cyclops Welding

E. All Coverages:

1. No Waiver. Under no circumstances shall the Village be deemed to have waived any of the insurance requirements of this Contract by any act or omission, including, but not limited to:
 - a. Allowing work by Contractor or any subcontractor to start before receipt of Certificates of Insurance and Additional Insured Endorsements.
 - b. Failure to examine, or to demand correction of any deficiency, of any Certificate of Insurance and Additional Insured Endorsement received.
2. Each insurance policy required shall have the Village expressly endorsed onto the policy as a Cancellation Notice Recipient. Should any of the policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions.

F. Acceptability of Insurers

Insurance is to be placed with insurers with a Best's rating of no less than A-, VII and licensed to do business in the State of Illinois.

G. Verification of Coverage

Contractor shall furnish the Village with certificates of insurance naming the Village, its officials, agents, employees, and volunteers as additional insured's and with original endorsements, affecting coverage required herein. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements are to be received and approved by the Village before any work commences. The Village reserves the right to request full certified copies of the insurance policies and endorsements.

H. Subcontractors

Contractor shall include all subcontractors as insured's under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverage's for subcontractors shall be subject to all of the requirements stated herein.

I. Assumption of Liability

The contractor assumes liability for all injury to or death of any person or persons including employees of the contractor, any subcontractor, any supplier or any other person and assumes liability for all damage to property sustained by any person or persons occasioned by or in any way arising out of any work performed pursuant to the Contract.

J. Workers' Compensation and Employers' Liability Coverage

The insurer shall agree to waive all rights of subrogation against the Village of Buffalo Grove, its officials, employees, agents and volunteers for losses arising from work performed by Contractor for the municipality.

K. Failure to Comply

In the event the Contractor fails to obtain or maintain any insurance coverage's required under this contract, The Village may purchase such insurance coverage's and charge the expense thereof to the Contractor.

ARTICLE X – CERTIFICATE OF AUTHORITY AND SURETY CERTIFICATE

The Contractor shall furnish the Village with a current Certificate of Authority or Surety Certificate issued by the Illinois Department of Insurance for the bonding company and insurance company they are using. In lieu of a Certificate of Authority of Surety Certificate, the Contractor may provide certificate of good standing from the Illinois Department of Insurance’s website.

ARTICLE XI – COPYRIGHTS AND LICENSES

The Contractor agrees that all documents of any kind whatsoever, and in whatever medium expressed, prepared by the Contractor and the Contractor’s consultants in connection with the Work (collectively, the “**Documents**”) or otherwise pursuant to this Contract and all rights therein (including trademarks, trade names, rights or use, copyrights and/or other proprietary rights) shall be and remain the sole property of the Village (regardless of whether the Village or the Contractor terminates this Contract for any reason whatsoever). The Contractor hereby agrees that the Documents are or shall be deemed to be “Works for Hire” within the meaning of Section 101 of the Copyright Act, and the Contractor hereby assigns to the Village all right, title and interest therein. Notwithstanding, the Contractor shall indemnify and hold harmless the Village, its appointed and elected officials, employees, agents and volunteers from and against all claims, damages, losses, and expenses (including attorneys’ fees and court and arbitration costs) arising out of any infringement of patent rights or copyrights incident to the Documents and the Work.

ARTICLE XII – NOTICE

All notices, demands, requests, consents, approvals and other communications required or permitted to be given hereunder (a “**Notice**”) shall be in writing and shall be deemed effective three (3) business days after mailing if mailed by certified mail with return receipt requested and immediately if served personally, and shall be addressed to the following:

IF TO THE VILLAGE: Village of Buffalo Grove
50 Raupp Blvd
Buffalo Grove, IL 60089
mskibbe@vbg.org
ATTN: Director of Public Works

WITH COPIES TO: Cc: pbrankin@schainbanks.com
Cc:Tcwisniewski@vbg.org

IF TO THE CONTRACTOR: _____

ATTN: _____

ARTICLE XIII – CHANGE ORDERS

If the Village requests any change to the Work the Village shall do so by delivering Notice of the same to the Contractor and the change requested by the Village shall be effective upon receipt of the Notice by the Contractor. The Contractor may propose a change to the Work by delivering Notice of the proposed change along with a description of the changes full effect on the Work to the Village; provided, such requested change shall not be deemed accepted until the Village has delivered to the Contractor Notice of the same. Prior to approving a proposed change to the Work by the Contractor, the Village may request such additional documentation as it deems necessary to investigate the proposed change. The Contractor shall be responsible for informing all its employees and subcontractors of any changes to the Work, whether such change is requested by the Contractor or the Village.

ARTICLE XIV – NOTICE OF STARTING WORK

The Contractor shall provide Notice to the Village prior to the Contractor, or its employees or subcontractors, starting the Work or any phase of the Work.

ARTICLE XV – SEQUENCE OF THE WORK

The Director of Public Works shall have the power to direct the order and sequence of the Work. On any major portion of the Work, all accessories shall be set coincident with the main construction. Payment for major portions of the Work may be withheld until proper completion of accessories.

ARTICLE XVI – SUPERVISION

The Director of Public Works shall have override power to superintend and direct the Work, and the Contractor shall perform all of the Work herein specified to the satisfaction, approval and acceptance of the Police Chief. The Contractor shall have at all times a competent foreman or superintendent at the Work's site, who shall have full authority to act for the Contractor and to receive and execute orders from the Police Chief, and any instructions given to such superintendent or person, executing work for the Contractor, shall be binding on the Contractor as though it was personally given to the Contractor.

ARTICLE XVII – STANDARD OF WORK AND WORKERS

The Contractor shall employ competent staff and shall discharge, at the request of the Police Chief, any incompetent, unfaithful, abusive or disorderly workers in its employ. Where experts or skilled workers must be employed, only expert or skilled workers shall be employed.

ARTICLE XVIII – CONDITIONS OF THE WORK SITE

The Contractor shall provide and maintain such sanitary accommodations for the use of its employees as may be necessary to comply with the State and local Board of Health requirements. Public nuisances will not be permitted. The Contractor shall leave said Work's site(s) in the best possible condition to the complete satisfaction of the Police Chief. No vehicles of any kind shall be placed, parked, or operated upon any grass areas at any time except as authorized by the Director of Public Works or his authorized representative. Further, the Contractor shall exercise every precaution for the protection of all persons and all property. The safety provisions of all-applicable laws and ordinances shall be strictly observed. Any practice hazardous in the opinion of the Director of Public Works or his authorized representatives shall be immediately discontinued by the Contractor upon his receipt of instructions from the Director of Public Works or his authorized representative. To the maximum extent permitted by law, the Contractor shall be responsible for all safety-related matters.

ARTICLE XIX – WARRANTY PERIOD

All material and workmanship shall be warranted and guaranteed according to manufacturer's recommendation after inspection and approval by the Director of Public Works or his designated representative. All work performed by the Contractor shall be warranted by the Contractor following completion and final acceptance of the Work for a period of twelve (12) months from the date of final, and not substantial, completion.

ARTICLE XX – ACCIDENTS

In the event of any accident of any kind that involves the general public or property of the Village or a third party, the Contractor shall immediately notify the Director of Public Works by phone as well as provide Notice of the same. The Notice shall include a full accounting of all details of the accident. The Contractor shall furnish the Village with copies of all reports of such accidents at the same time that the reports are forwarded to any other interested parties.

ARTICLE XXI – NO ASSIGNMENT

If the Contractor sublets or assigns any part of the Work then the Contractor shall not under any circumstances be relieved of its liabilities hereunder. All transactions of the Village shall be with the Contractor. Subcontractors shall be recognized only in the capacity of employees or workmen and shall be subject to the same requirements as to character and competence. The Contractor shall not assign, transfer, convey, sell or otherwise dispose of the whole or any part of this Contract to any person, firm or corporation without written consent of the Director of Public Works or his authorized representative.

ARTICLE XXII – DEFAULT

The following shall constitute a default an “**Event of Default**” by the Contractor under this Contract:

- A. If the Contractor shall fail to strictly observe or perform one or more of the terms, conditions, covenants and agreements of this Contract;
- B. If there shall be placed on any property owned by the Village any mechanics', materials' or suppliers' lien;
- C. If there shall be instituted any proceeding against the Contractor seeking liquidation, dissolution or similar relief and the same shall not be dismissed within forty-five (45) calendar days;
- D. If there shall be appointed any trustee, receiver or liquidator of the Contractor and such appointment shall not have been vacated within forty-five (45) calendar days; and
- E. If the Contractor fails to maintain or obtain any and all permits, licenses and the like, if any, required by the Village, State or Federal governments for the Work.

Upon any Event of Default the Village shall have the option of (i) terminating the Contract; (ii) pursuing any remedy available to it at law or in equity; or (iii) pursuing both simultaneously. In addition, upon an Event of Default, the Village may withhold payments due to the Contractor until it has hired a replacement of the Contractor and deducted all costs of hiring a replacement.

ARTICLE XXIII – DELAYS

The Contractor shall not be liable in damages for delays in performance when such delay is the result of fire, flood, strike, acts of God, or by any other circumstances which are beyond the control of the Contractor; provided, however, under such circumstances the Village may, at its option, cancel the Contract.

ARTICLE XXIV – COMPLIANCE WITH LAWS

The Contractor shall comply with all applicable laws, regulations and rules promulgated by any federal, state, local, or other governmental authority or regulatory body pertaining to all aspects of the Work, now in effect, or which may become in effect during the performance of the Work. The scope of the laws, regulations, and rules referred to in this paragraph includes, but is in no way limited to, the Illinois Human Rights Act, Illinois Equal Pay Act of 2003, Occupational Safety & Health Act along with the standards and regulations promulgated pursuant thereto (including but not limited to those safety requirements involving work on elevated platforms), all forms of traffic regulations, public utility, Interstate and Intrastate Commerce Commission regulations, Workers' Compensation Laws, Public Construction Bond Act, Public Works Preference Act, Employment of Illinois Workers on Public Works Act, USA Security Act, federal Social Security Act (and any of its titles), and any other law, rule or regulation of the Illinois Department of Labor, Department of Transportation, Illinois Environmental Protection Act, Illinois Department of Natural Resources, Illinois Department of Human Rights, Human Rights Commission, EEOC, and the Village of Buffalo Grove. Notwithstanding the following, the Contractor shall particularly note that:

A. NO DISCRIMINATION – The Contractor shall comply with the provisions of the Illinois Public Works Employment Discrimination Act and the Illinois Human Rights Act/Equal Opportunity Clause which, pursuant to Illinois law, are deemed to be part of this Contract.

B. FREEDOM OF INFORMATION - The Contractor agrees to furnish all documentation related to the Contract, the Work and any documentation related to the Village required under an Illinois Freedom of Information Act (ILCS 140/1 et. seq.) (“FOIA”) request within five (5) calendar days after the Village issues Notice of such request to the Contractor. The Contractor agrees to defend, indemnify and hold harmless the Village, and agrees to pay all reasonable costs connected therewith (including, but not limited to attorney’s and witness fees, filing fees and any other expenses) for the Village to defend any and all causes, actions, causes of action, disputes, prosecutions, or conflicts arising from Contractor’s actual or alleged violation of FOIA or the Contractor’s failure to furnish all documentation related to a FOIA request within five (5) calendar days after Notice from the Village for the same. Furthermore, should the Contractor request that the Village utilize a lawful exemption under FOIA in relation to any FOIA request thereby denying that request, Contractor agrees to pay all costs connected therewith (such as attorneys' and witness fees, filing fees and any other expenses) to defend the denial of the request. This defense shall include, but not be limited to, any challenged or appealed denials of FOIA requests to either the Illinois Attorney General or a court of competent jurisdiction.

C. ILLINOIS WORKERS ON PUBLIC WORKS ACT - To the extent applicable, the Contractor shall comply with the Illinois Workers on Public Works Act, 30 ILCS 570/1 et seq., and shall provide to the Village any supporting documentation necessary to show such compliance.

D. NOT A BLOCKED PERSON - The Contractor affirms and covenants that neither the Contractor nor any individual employed by the Contractor for this Work or under this Contract is a person forbidden from doing business with a unit of local government under Executive Order No. 13224 (Sept 23, 2001), 66 Fed.Reg. 49,079 (Sept 23, 2001) or is a person registered on the Specially Designated Nationals and Blocked Persons List. The Contractor shall indemnify the Village from all costs associated with failure to comply with this paragraph.

E. SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS ACT - The Contractor knows, understands and acknowledges its obligations under the Substance Abuse Prevention on Public Works Act (820 ILCS 265/1 et seq.), and shall comply and require all subcontractors and lower tiered contractors to comply with the requirements and provisions thereof.

ARTICLE XXV – NO WAIVER OF RIGHTS

A waiver by the Village of any Event of Default or any term of provision of this Contract shall not be a waiver of the same Event of Default, another Event of Default or any other term or provision of this Contract.

ARTICLE XXVI – CONTROLLING LAW AND VENUE

This Contract is entered into in the State of Illinois, for work to be performed in the State of Illinois and shall be governed by and construed in accordance with the laws of the State of Illinois. Any legal matters or dispute shall be resolved in the Circuit Court of Cook County and the Parties hereby submit to the jurisdiction of such Circuit Court. This Contract shall be construed without regard to any presumption or other rule requiring construction against the Party causing the Contract to be drafted.

ARTICLE XXVII – MISCELLANEOUS

- A. AMENDMENT** – This Contract may be amended only in writing executed by both Parties.
- B. NO RECORDING** – This Contract, or a memorandum thereof, may not be recorded in any form by either Party. If either Party records this Contract, or a memorandum thereof, they shall immediately file a release of the same.
- C. COUNTERPARTS** – This Contract may be executed by the Parties in any number of counterparts, each of which shall be deemed an original, but all of which together shall constitute an original instrument.
- D. SECTION HEADINGS** – The headings in the Contract are intended for convenience only and shall not be taken into consideration in any construction or interpretation of the Contract.
- E. NO THIRD-PARTY BENEFICIARIES** – This Contract does not confer any rights or benefits on any third party.
- F. BINDING EFFECT** – This Contract shall be binding and inure to the benefit of the Parties hereto, their respective legal representatives, heirs and successors-in-interest.
- G. ENTIRE AGREEMENT** – This Contract supersedes all prior agreements and understandings and constitutes the entire understanding between the Parties relating to the subject matter hereof.
- H. SEVERABILITY** - If any term, condition or provision of the Contract is adjudicated invalid or unenforceable, the remainder of the Contract shall not be affected and shall remain in full force and effect, to the fullest extent permitted by law.
- I. TORT IMMUNITY DEFENSES** - Nothing contained in this Contract is intended to constitute nor shall constitute a waiver of the rights, defenses, and immunities provided or available to the Village under the Local Governmental and Governmental Employees Tort Immunity Act, 745 ILCS 10 *et seq.*

J. CALENDAR DAYS AND TIME. Unless otherwise provided in this Contract, any reference in this Contract to “day” or “days” shall mean calendar days and not business days. If the date for giving of any notice required to be given, or the performance of any obligation, under this Contract falls on a Saturday, Sunday or federal holiday, then the notice or obligation may be given or performed on the next business day after that Saturday, Sunday or federal holiday.

K. TERMINATION OF CONTRACT. The Contract may be terminated, in whole or in part, by either party if the other party substantially fails to fulfill its obligations under the Contract through no fault of the terminating party; or the Village may terminate the Contract, in whole or in part, for its convenience. However, no such termination may be effected unless the terminating party gives the other party: (1) not less than thirty (30) calendar days written notice by certified mail of intent to terminate, and (2) an opportunity for a meeting with the terminating party before termination.

IN WITNESS WHEREOF, the Parties hereto have caused the Contract to be executed as of the Effective Date.

Village of Buffalo Grove,
an Illinois home-rule unit of government

Company
[An Illinois _____ company]

By: _____
Name: Dane Bragg
Title: Village Manager

By: _____
Name: _____
Title: _____

CONTRACT EXHIBIT A- DESCRIPTION OF THE WORK

[Insert Description of the Work]

CONTRACT EXHIBIT B- SCHEDULE OF PRICES

[Insert Schedule of Prices]

CONTRACT EXHIBIT C- FORM OF PERFORMANCE AND PAYMENT BOND

Bond Number: _____

KNOW ALL MEN BY THESE PRESENTS, That _____ (the "Principal") and _____ (the "Surety"), are held and firmly bound unto the Village of Buffalo Grove, an Illinois home-rule unit of government (the "Village"), the full and just sum of _____ Dollars (\$ _____) in lawful money of the UNITED STATES OF AMERICA as herein provided.

THE CONDITION OF THIS OBLIGATION is such that the Principal and Surety agree to bind themselves, their successors, assigns, executors, heirs and administrators, jointly and severally, for the full and faithful performance of the Work as defined in that particular Sewer Televising 2023 contract between Principal and the Village dated ___ day of _____, 20___, (hereinafter referred to as the "Contract"), a copy of which is attached and incorporated by reference as though fully set forth herein.

NOW THE CONDITIONS OF THIS OBLIGATION ARE SUCH that if the said Principal (i) shall in all respects keep and perform all the undertakings, covenants, terms, conditions and agreements of the Contract; (ii) shall pay all sums of money due or to become due, for any labor, materials, apparatus, fixtures or equipment furnished for the Work provided in said Contract; and (iii) shall remove and replace any defects in workmanship or materials which may be apparent or may develop within the ARTICLE XIX – WARRANTY PERIOD of the Contract, then this obligation shall be null and void; otherwise it shall 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 the Work thereunder shall in any way affect its obligation 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.

IN WITNESS WHEREOF, we have hereunto set our hands and sea ___ day of _____, 20___.

SURETY

PRINCIPAL

By: _____
Name: _____
Title: _____

By: _____
Name: _____
Title: _____

ATTEST

ATTEST

By: _____

By: _____

NOTE: Date of Bond must not be prior to date of Contract.
If Contractor is Partnership, all partners should execute Bond.
IMPORTANT: Surety companies executing Bonds must appear on the Treasury Departments most current list (Circular 570 as amended) and be authorized to transact business in the state where the Work is located.