



Village of Buffalo Grove

# 2020 Sewer Televising

Bid and Contract Documents

Finance Department  
2/3/2020

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## INVITATION TO BID

### 2020 Sewer Televising

The Village of Buffalo Grove (the “Village”) herein invites you to submit a bid for cleaning and televising of approximately 28,300 linear feet of sanitary and storm sewer and associated work throughout the Village of Buffalo Grove.

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.

For information on how to receive a copy of the Bid Package and any addenda contact the Office of the Village Clerk at 847-459-2500 or visit the Village of Buffalo Grove procurement website at [www.vbg.org/bids](http://www.vbg.org/bids)

### TIMELINE

Tuesday, February 20, 2020

Due date for all questions regarding the Work (“Question Due Date”)

Tuesday, February 27, 2020

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](mailto:BGfinance@vbg.org) with the subject line “2020 Sewer Televising Project”. All comments, concerns and questions regarding the Work must be received by the **8:30 AM CST** on the Question Due Date (defined above).

### **BID PROPOSAL DOCUMENTS**

Each bidder must submit **three 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 five percent (5%) of the Total Contract Price, as set forth in their Schedule of Prices (the “**Bid Security**”).

### **BID SUBMITTAL**

Sealed Bid Proposals shall be delivered to the Village at the Office of the Village Clerk at 50 Raupp Boulevard, Buffalo Grove, Illinois 60089 on or before **8:30 AM** local time on the Bid Due Date. Each bidder shall deliver their Bid Proposal along with their Bid Security in a sealed envelope or box. The envelope or box shall be marked or endorsed:

VoBG-2020 Bid for Village of Buffalo Grove, Illinois

2020 SEWER TELEVISIONING PROJECT

### **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 one hundred twenty (120) 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 changes 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 Contractors are prohibited from making any contact with the any official or employee of the Village (collectively, "Municipal Personnel") with regard to the work, other than in the manner and to the person(s) designated herein. The Village Manager of Buffalo Grove reserves the right to disqualify any Contractor that is found to have contacted Municipal Personnel in any manner with regard to the work. 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 Cook County State's Attorney for review and prosecution.

### **RESERVATION OF RIGHTS**

The Village reserves the following rights regarding the bidding process:

The Village reserves the right to accept the submission that is, in its judgment, the best and most favorable to the interests of the Village and the public; to reject the low price submittal; to accept any item in the Contractor 's submittal or a portion thereof; to reject any/all submissions; to accept and incorporate corrections, clarifications or modifications following the opening of the Contractor 's submission when to do so would not, in the Village' opinion, prejudice the procurement process or create any improper advantage to any Contractor ; and to waive irregularities and informalities in the procurement process or in any submission; provided, however, that the waiver of any prior defect or informality shall not be considered a waiver of any future defects or informalities, and the Contractor should not rely upon, or anticipate, such waivers in submitting their submissions. The enforcement of this Reservation of Rights by the Village shall not be considered an alteration of the response. In addition to the Village' rights above, the Village reserves the right to reject any and all response if the evidence submitted by, or investigation of such Contractor fails to satisfy the Village expectations or accept any item in the Contractor 's submittal or a portion thereof.

**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, 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 Price 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 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 **five percent (5%)** 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	Lump Sum		
2.	CCTV Inspection of Storm Sewers (8" to 54")	14,100 LF		
3.	CCTV Inspection of Sanitary Sewers (8" to 27")	14,200 LF		
4.	Alternate C: Heavy Cleaning	Price per LF		
5.	Alternate D: Emergency Response	Price per Crew Hour		
<b>TOTAL BASE BID (Items 1 – 3 only)</b>				

**ANNUAL CONTRACT COST ADJUSTMENT**

Do you agree with the Escalation clause in the General Conditions of the Contract? \_\_\_\_\_ (Yes/No)

If the response to the above is No, then please complete the following:

**Optional 2<sup>nd</sup> Year:** The unit prices as shown above shall be adjusted by \_\_\_\_\_percent (+/-)

**Optional 3<sup>rd</sup> Year:** The unit prices as shown above shall be adjusted by \_\_\_\_\_percent (+/-)

Each Contractor shall attach a Schedule of Values showing breakdown and estimated itemized costs of base costs. An example of which is shown on the following page

**Written amount of Total Cost** \_\_\_\_\_

VoBG-2020-12 Schedule of Prices for Village of Buffalo Grove, Illinois  
2020 Sewer Televising Project

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature



**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 or E-mail address:** \_\_\_\_\_

**Contact Name:** \_\_\_\_\_

**Municipality/Business:** \_\_\_\_\_

**Dates Employed:** \_\_\_\_\_ to \_\_\_\_\_

**Phone Number or E-mail address:** \_\_\_\_\_

**Contact Name:** \_\_\_\_\_

**Municipality/Business:** \_\_\_\_\_

**Dates Employed:** \_\_\_\_\_ to \_\_\_\_\_

**Phone Number or E-mail address:** \_\_\_\_\_

**Contact Name:** \_\_\_\_\_

**Municipality/Business:** \_\_\_\_\_

**Dates Employed:** \_\_\_\_\_ to \_\_\_\_\_

**Phone Number or E-mail address:** \_\_\_\_\_

## **DESCRIPTION OF THE 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 both sanitary and storm 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 is are 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 work day 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 utilize PipeTech software to complete the CCTV inspections and 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 so as to minimize the disruption of traffic and access to property.



#### 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 down 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 27")

This item includes the CCTV inspection of sanitary sewers ranging in size from 8 to 27 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. 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.

APPENDIX A  
STORM SEWER TELEVISION  
APPROXIMATE SUMMARY OF QUANTITIES

2020 Sewer Televising Project  
Storm Sewer

ID	Dia	Dia Unit	Material	Length	Length Unit	Street	Downstream Manhole	Upstream Manhole	County
B13-8753	10	in	Reinforced Concrete Pipe	34.6	ft	DOWNING RD	B13-7754	B13-7753	COOK
B13-8754	12	in	Reinforced Concrete Pipe	45.7	ft	DOWNING RD	B13-7755	B13-7754	COOK
B13-8755	12	in	Reinforced Concrete Pipe	274.9	ft	DOWNING RD	B13-7755	B13-7763	COOK
B13-8758	12	in	Reinforced Concrete Pipe	62.6	ft	SELWYN LN	B13-7759	B13-7758	COOK
B13-8759	12	in	Reinforced Concrete Pipe	515.0	ft	SELWYN LN	B13-7759	B14-7514	COOK
B13-8760	10	in	Reinforced Concrete Pipe	32.8	ft	SELWYN LN	B13-7759	B13-7760	COOK
B13-8762	12	in	Reinforced Concrete Pipe	123.4	ft	DOWNING RD	B13-7755	B13-7763	COOK
B13-8763	12	in	Reinforced Concrete Pipe	371.7	ft	DOWNING RD	B13-7763	B14-7510	COOK
B14-8254	12	in	Reinforced Concrete Pipe	25.9	ft	SAXON PL	B14-7291	B14-7254	COOK
B14-8291	12	in	Reinforced Concrete Pipe	128.3	ft	SAXON PL	B14-7291	B14-7304	COOK
B14-8505	12	in	Reinforced Concrete Pipe	38.5	ft	UNIVERSITY DR	B14-7508	B14-7505	COOK
B14-8507	24	in	Reinforced Concrete Pipe	41.4	ft	DOWNING RD	B14-7508	B14-7507	COOK
B14-8508	24	in	Reinforced Concrete Pipe	115.8	ft	DOWNING RD	B14-7508	B14-7511	COOK
B14-8509	12	in	Reinforced Concrete Pipe	24.8	ft	DOWNING RD	B14-7509	B14-7524	COOK
B14-8510	15	in	Reinforced Concrete Pipe	274.3	ft	DOWNING RD	B14-7510	B14-7508	COOK
B14-8512			Unknown	57.0	ft	UNIVERSITY DR	B14-7516	B14-7512	COOK
B14-8513	10	in	Reinforced Concrete Pipe	48.0	ft	SELWYN LN	B14-7514	B14-7513	COOK
B14-8514	15	in	Reinforced Concrete Pipe	447.7	ft	SELWYN LN	B14-7514	B14-7516	COOK
B14-8761	12	in	Reinforced Concrete Pipe	43.6	ft	CAMBRIDGE DR	B14-7761	B14-7762	COOK
D11-8500	18	in	Reinforced Concrete Pipe	24.2	ft	LINCOLN TER	D11-7501	D11-7500	COOK
D11-8501	15	in	Reinforced Concrete Pipe	88.8	ft	LINCOLN TER	D11-7501	D11-7502	COOK
D11-8503	18	in	Reinforced Concrete Pipe	24.9	ft	ROSEWOOD AVE	D11-7504	D11-7503	COOK
D11-8504	24	in	Reinforced Concrete Pipe	133.3	ft	ROSEWOOD AVE	D11-7504	D11-7505	COOK
D11-8751	12	in	Reinforced Concrete Pipe	30.2	ft	ST MARYS PKWY	D11-7751	D11-7752	COOK
D11-8759	24	in	Reinforced Concrete Pipe	323.0	ft	MELINDA LN	D11-7760	D11-7759	COOK
D11-8760	24	in	Reinforced Concrete Pipe	276.0	ft	MELINDA LN	D11-7760	D11-7764	COOK
D11-8762	12	in	Reinforced Concrete Pipe	152.3	ft	MELINDA LN	D11-7764	D11-7762	COOK
D11-8764	24	in	Reinforced Concrete Pipe	106.1	ft	MELINDA LN	D11-7764	D11-7766	COOK
D11-8765	12	in	Reinforced Concrete Pipe	29.5	ft	MELINDA LN	D11-7766	D11-7765	COOK
G10-8257	36	in	Reinforced Concrete Pipe	17.5	ft	GREEN KNOLLS DR	G10-7257	G10-7263	LAKE
G10-8258	10	in	Reinforced Concrete Pipe	5.4	ft	GREEN KNOLLS DR	G10-8258	G10-8257	LAKE

## 2020 Sewer Televising Project

## Storm Sewer

G10-8259	10	in	Reinforced Concrete Pipe	6.4	ft	GREEN KNOLLS DR	G10-7259	G10-8292	LAKE
G10-8260	10	in	Reinforced Concrete Pipe	28.1	ft	GREEN KNOLLS DR	G10-7261	G10-7260	LAKE
G10-8261	10	in	Reinforced Concrete Pipe	20.3	ft	GREEN KNOLLS DR	G10-7262	G10-7261	LAKE
G10-8262	12	in	Reinforced Concrete Pipe	184.7	ft	GREEN KNOLLS DR	G10-7263	G10-7262	LAKE
G10-8266			Unknown	134.3	ft	GAIL DR	G10-7267	G10-7266	LAKE
G10-8269	10	in	Reinforced Concrete Pipe	103.7	ft	GAIL DR	G10-7273	G10-7269	LAKE
G10-8272	10	in	Reinforced Concrete Pipe	46.2	ft	GAIL DR	G10-7273	G10-7272	LAKE
G10-8291	36	in	Reinforced Concrete Pipe	24.3	ft	GREEN KNOLLS DR	G10-7263	G10-7257	LAKE
G10-8292	36	in	Reinforced Concrete Pipe	21.1	ft	GREEN KNOLLS DR	G10-7263	G10-7257	LAKE
G12-8524	48	in	Reinforced Concrete Pipe	60.8	ft	HIDDEN LAKE DR	G12-7524	G12-7545	LAKE
G12-8525	48	in	Reinforced Concrete Pipe	33.6	ft	HIDDEN LAKE DR	G12-7525	G12-7524	LAKE
G12-8562			Unknown	36.2	ft	PINETREE CIR S	G12-7563	G12-7562	LAKE
G12-8563			Unknown	14.3	ft	HIDDEN LAKE DR	G12-7520	G12-7563	LAKE
H10-8032			Unknown	58.2	ft	BRANDYWYN LN	H10-7012	H10-7032	LAKE
H10-8272			Unknown	16.6	ft	BRANDYWYN LN	H10-9000	H10-7272	LAKE
H10-8282A	106	in	Unknown	31.9	ft	BRANDYWYN LN	H10-7282	H10-7281	LAKE
H10-8282B	106	in	Unknown	97.4	ft	BRANDYWYN LN	2190074	H10-9000	LAKE
H10-8283	106	in	Unknown	33.9	ft	BRANDYWYN LN	H10-7282	H10-7281	LAKE
H10-8284	106	in	Unknown	31.6	ft	BRANDYWYN LN	H10-7282	H10-7281	LAKE
H10-8508	12	in	Reinforced Concrete Pipe	110.4	ft	BRANDYWYN LN	H10-7509	H10-7508	LAKE
H10-8521	10	in	Reinforced Concrete Pipe	159.0	ft	THOMPSON BLVD	H10-7522	H10-7521	LAKE
H10-8522	10	in	Reinforced Concrete Pipe	236.3	ft	THOMPSON BLVD	H10-7522	H10-7767	LAKE
H10-8528			Unknown	52.8	ft	BRANDYWYN LN	H10-7528	H10-7529	LAKE
H10-8529			Unknown	42.8	ft	THOMPSON BLVD	H10-7529	H10-7530	LAKE
H10-8760	10	in	Reinforced Concrete Pipe	141.7	ft	THOMPSON BLVD	H10-7761	H10-7760	LAKE
H10-8761	15	in	Reinforced Concrete Pipe	67.0	ft	THOMPSON BLVD	H11-7515	H10-7761	LAKE
H10-8762			Unknown	39.4	ft	THOMPSON BLVD	H11-7515	H10-7762	LAKE
H10-8763	10	in	Reinforced Concrete Pipe	173.2	ft	THOMPSON BLVD	H10-7763	H11-7515	LAKE
H10-8764			Unknown	58.9	ft	CAREN DR	H10-7765	H10-7764	LAKE
H10-8765			Unknown	32.8	ft	CAREN DR	H10-7766	H10-7765	LAKE
H10-8766			Unknown	67.5	ft	THOMPSON BLVD	H10-7767	H10-7766	LAKE
H11-8500			Unknown	42.6	ft	THOMPSON BLVD	H11-7501	H11-7500	LAKE
H11-8501			Unknown	55.8	ft	THOMPSON BLVD	H11-7501	H11-7502	LAKE
H11-8512			Unknown	49.4	ft	THOMPSON BLVD	H11-7513	H11-7512	LAKE
H11-8513			Unknown	33.8	ft	THOMPSON BLVD	H11-7514	H11-7513	LAKE

## 2020 Sewer Televising Project

## Storm Sewer

H11-8514	15	in	Reinforced Concrete Pipe	147.8	ft	THOMPSON BLVD	H11-7515	H11-7514	LAKE
J15-8004	10	in	Reinforced Concrete Pipe	145.7	ft	CHAMBOURD DR	J15-7005	J15-7004	LAKE
J15-8005	10	in	Reinforced Concrete Pipe	83.6	ft	CHAMBOURD DR	J15-7008	J15-7005	LAKE
J15-8006	24	in	Reinforced Concrete Pipe	134.3	ft	CHAMBOURD DR	J15-7007	J15-7006	LAKE
J15-8007	27	in	Reinforced Concrete Pipe	82.4	ft	CHAMBOURD DR	J15-7008	J15-7007	LAKE
J15-8008	27	in	Reinforced Concrete Pipe	200.1	ft	CHAMBOURD DR	J15-7009	J15-7008	LAKE
J15-8009	30	in	Reinforced Concrete Pipe	138.8	ft	APPLE HILL LN	J15-7011	J15-7009	LAKE
J15-8010	12	in	Reinforced Concrete Pipe	126.3	ft	APPLE HILL LN	J15-7011	J15-7010	LAKE
J15-8011	30	in	Reinforced Concrete Pipe	148.6	ft	APPLE HILL LN	J15-7014	J15-7011	LAKE
J15-8012	8	in	Unknown	188.3	ft	APPLE HILL CT N	J15-7014	????	LAKE
J15-8013			Unknown	10.3	ft	APPLE HILL CT N	J15-7014	J15-7013	LAKE
J15-8014	30	in	Reinforced Concrete Pipe	35.9	ft	APPLE HILL LN	J15-7015	J15-7014	LAKE
J15-8015	30	in	Reinforced Concrete Pipe	96.2	ft	APPLE HILL LN	J15-7018	J15-7015	LAKE
J15-8017	10	in	Reinforced Concrete Pipe	74.2	ft	APPLE HILL LN	J15-7017	J15-7018	LAKE
J15-8018	33	in	Reinforced Concrete Pipe	35.3	ft	APPLE HILL LN	J15-7018	J15-7019	LAKE
J15-8046	10	in	Reinforced Concrete Pipe	32.0	ft	APPLE HILL LN	J15-7048	J15-7046	LAKE
J15-8047			Unknown	11.3	ft	APPLE HILL LN	J15-7048	J15-7047	LAKE
J15-8048	12	in	Reinforced Concrete Pipe	40.0	ft	APPLE HILL LN	J15-7009	J15-7048	LAKE
J15-8049			Unknown	10.7	ft	CHAMBOURD DR	J15-7007	J15-7049	LAKE
J15-8250			Unknown	12.4	ft	PALAZZO CT	J15-7251	J15-7250	LAKE
J15-8251	12	in	Reinforced Concrete Pipe	153.6	ft	PALAZZO CT	J15-7252	J15-7251	LAKE
J15-8254	12	in	Reinforced Concrete Pipe	26.1	ft	PALAZZO DR	J15-7254	J15-7255	LAKE
J15-8255	12	in	Reinforced Concrete Pipe	45.3	ft	PALAZZO DR	J15-7255	J16-7000	LAKE
J15-8261	10	in	Reinforced Concrete Pipe	109.3	ft	PALAZZO DR	J15-7262	J15-7261	LAKE
J15-8262	12	in	Reinforced Concrete Pipe	27.4	ft	PALAZZO DR	J15-7263	J15-7262	LAKE
J15-8263	12	in	Reinforced Concrete Pipe	117.8	ft	PALAZZO DR	J15-7265	J15-7263	LAKE
J15-8265	15	in	Reinforced Concrete Pipe	184.2	ft	PALAZZO DR	J15-7277	J15-7265	LAKE
J15-8266	10	in	Reinforced Concrete Pipe	36.1	ft	MADIERA LN	J15-7266	J15-7267	LAKE
J15-8267	12	in	Reinforced Concrete Pipe	163.0	ft	MADIERA LN	J15-7267	J15-7272	LAKE
J15-8272	18	in	Reinforced Concrete Pipe	188.2	ft	MADIERA LN	J15-7272	J15-7275	LAKE
J15-8273			Unknown	33.4	ft	PALAZZO DR	J15-7275	J15-7273	LAKE
J15-8274			Unknown	8.7	ft	PALAZZO DR	J15-7275	J15-7274	LAKE
J15-8275	18	in	Reinforced Concrete Pipe	40.3	ft	PALAZZO DR	J15-7275	J15-7278	LAKE
J15-8278			Unknown	4.1	ft	PALAZZO DR	J15-7278	J15-7277	LAKE
J15-8299	12	in	Unknown	19.2	ft	PALAZZO DR	J15-7299	J15-7254	LAKE

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## Storm Sewer

J15-8300			Unknown	11.4	ft	PALAZZO DR	J15-7278	J15-7300	LAKE
J15-8502	10	in	Reinforced Concrete Pipe	349.3	ft	CHAMBOURD DR	J15-7007	J15-7502	LAKE
J15-8504	10	in	Reinforced Concrete Pipe	148.4	ft	CHAMBOURD DR	J15-7504	J15-7505	LAKE
J15-8505	10	in	Reinforced Concrete Pipe	121.5	ft	CHAMBOURD DR	J15-7505	J15-7507	LAKE
J15-8506			Unknown	8.0	ft	MADIERA LN	J15-7507	J15-7506	LAKE
J15-8507	15	in	Reinforced Concrete Pipe	37.9	ft	MADIERA LN	J15-7507	J15-7508	LAKE
J15-8508	15	in	Reinforced Concrete Pipe	141.0	ft	MADIERA LN	J15-7508	J15-7511	LAKE
J15-8511	18	in	Reinforced Concrete Pipe	157.8	ft	MADIERA LN	J15-7511	J15-7517	LAKE
J15-8512			Unknown	7.8	ft	MADIERA LN	J15-7517	J15-7512	LAKE
J15-8513	10	in	Reinforced Concrete Pipe	36.4	ft	MADIERA LN	J15-7517	J15-7513	LAKE
J15-8514	18	in	Reinforced Concrete Pipe	194.2	ft	APPLE HILL LN	J15-7516	J15-7514	LAKE
J15-8515	10	in	Reinforced Concrete Pipe	46.1	ft	APPLE HILL LN	J15-7516	J15-7515	LAKE
J15-8516	18	in	Reinforced Concrete Pipe	175.1	ft	APPLE HILL LN	J15-7517	J15-7516	LAKE
J15-8517			Unknown	47.0	ft	APPLE HILL LN	J15-7517	J15-7543	LAKE
J15-8520	24	in	Reinforced Concrete Pipe	147.4	ft	APPLE HILL LN	J15-7520	J15-7767	LAKE
J15-8524	21	in	Reinforced Concrete Pipe	106.4	ft	MADIERA LN	J15-7526	J15-7524	LAKE
J15-8525			Unknown	8.0	ft	MADIERA LN	J15-7526	J15-7525	LAKE
J15-8526			Unknown	61.1	ft	APPLE HILL LN	J15-7529	J15-7526	LAKE
J15-8528	12	in	Reinforced Concrete Pipe	180.8	ft	APPLE HILL LN	J15-7529	J15-7528	LAKE
J15-8529	24	in	Reinforced Concrete Pipe	255.7	ft	APPLE HILL LN	J15-7534	J15-7529	LAKE
J15-8534	30	in	Reinforced Concrete Pipe	40.0	ft	APPLE HILL LN	J15-7537	J15-7534	LAKE
J15-8535			Unknown	7.0	ft	APPLE HILL LN	J15-7536	J15-7535	LAKE
J15-8536			Unknown	25.7	ft	APPLE HILL LN	J15-7537	J15-7536	LAKE
J15-8537	36	in	Reinforced Concrete Pipe	122.1	ft	APPLE HILL LN	J15-7540	J15-7537	LAKE
J15-8539	18	in	Reinforced Concrete Pipe	184.9	ft	APPLE HILL LN	J15-7540	J15-7539	LAKE
J15-8540	36	in	Reinforced Concrete Pipe	108.5	ft	APPLE HILL LN	J15-7770	J15-7540	LAKE
J15-8543	24	in	Reinforced Concrete Pipe	159.3	ft	APPLE HILL LN	J15-7543	J15-7520	LAKE
J15-8755	10	in	Reinforced Concrete Pipe	98.6	ft	MADIERA CT	J15-7766	J15-7755	LAKE
J15-8756			Unknown	7.3	ft	MADIERA CT	J15-7766	J15-7756	LAKE
J15-8757			Unknown	10.5	ft	MADIERA LN	J15-7758	J15-7757	LAKE
J15-8758			Unknown	25.6	ft	MADIERA LN	J15-7762	J15-7758	LAKE
J15-8759			Unknown	10.9	ft	MADIERA LN	J15-7759	J15-7760	LAKE
J15-8760	12	in	Reinforced Concrete Pipe	36.2	ft	MADIERA LN	J15-7760	J15-7761	LAKE
J15-8761	12	in	Reinforced Concrete Pipe	146.8	ft	MADIERA LN	J15-7762	J15-7761	LAKE
J15-8762	18	in	Reinforced Concrete Pipe	142.1	ft	MADIERA LN	J15-7762	J15-7763	LAKE

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J15-8763	21	in	Reinforced Concrete Pipe	32.9	ft	MADIERA LN	J15-7763	J15-7764	LAKE
J15-8764	24	in	Reinforced Concrete Pipe	140.4	ft	MADIERA CT	J15-7764	J15-7765	LAKE
J15-8765	24	in	Reinforced Concrete Pipe	214.0	ft	MADIERA CT	J15-7765	J15-7766	LAKE
J15-8767	27	in	Reinforced Concrete Pipe	36.1	ft	APPLE HILL LN	J15-7767	J15-7768	LAKE
J15-8768	27	in	Reinforced Concrete Pipe	131.6	ft	APPLE HILL LN	J15-7768	J15-7771	LAKE
J15-8769			Unknown	6.7	ft	APPLE HILL LN	J15-7770	J15-7769	LAKE
J15-8770	36	in	Reinforced Concrete Pipe	282.2	ft	APPLE HILL LN	J15-7771	J15-7770	LAKE
J15-8771	42	in	Reinforced Concrete Pipe	26.3	ft	APPLE HILL LN	J15-7771	J15-7773	LAKE
J15-8772			Unknown	12.9	ft	APPLE HILL LN	J15-7773	J15-7772	LAKE
J15-8773	42	in	Reinforced Concrete Pipe	215.8	ft	APPLE HILL LN	J15-7773	J15-7774	LAKE
J15-8803			Unknown	26.0	ft	MADIERA CT	J15-7804	J15-7803	LAKE
J15-8804			Unknown	18.3	ft	MADIERA CT	J15-7765	J15-7804	LAKE
J15-8805			Unknown	10.4	ft	APPLE HILL LN	J15-7767	J15-7805	LAKE
J15-8806			Unknown	48.1	ft	APPLE HILL LN	J15-7770	J15-7806	LAKE
J15-8807			Unknown	50.0	ft	APPLE HILL LN	J15-7770	J15-7807	LAKE



APPENDIX B  
SANITARY SEWER TELEVISION  
APPROXIMATE SUMMARY OF QUANTITIES

2020 Sewer Televising Project  
Sanitary Sewer

ID	Dia.	Dia. (unit)	Material	Length	Length (unit)	Street	Downstream Manhole	Upstream Manhole	County
21163572	8	in	Poly Vinyl Chloride	97.1	ft	CHAMBOURD DR	J15-1502	J15-1503	Lake
21163574	8	in	Poly Vinyl Chloride	44.8	ft	APPLE HILL LN	J15-1001	J15-1003	Lake
21163604	10	in	Poly Vinyl Chloride	179	ft	PALAZZO DR	J15-1262	J15-1259	Lake
21163673	8	in	Poly Vinyl Chloride	228.6	ft	APPLE HILL LN	J15-1751	J15-1752	Lake
21232929	8	in	Poly Vinyl Chloride	80.7	ft	PALAZZO DR	J15-1266	J15-1264	Lake
21232989	15	in	Poly Vinyl Chloride	316.7	ft	CAMBRIDGE DR	B14-1759	B14-1758	Cook
21233027			Unknown	21.8	ft	BRANDYWYN LN	H10-1512	H10-1516	Lake
21233035	8	in	Poly Vinyl Chloride	237.1	ft	MADIERA CT	J15-1761	????	Lake
21233094	8	in	Poly Vinyl Chloride	130.8	ft	APPLE HILL LN	J15-1752	J15-1753	Lake
21233122	8	in	Poly Vinyl Chloride	214.4	ft	APPLE HILL CT S	J15-1753	J15-1509	Lake
21233152	8	in	Poly Vinyl Chloride	381	ft	MADIERA LN	J15-1510	J15-1511	Lake
21233182	8	in	Vitrified Clay Pipe	329	ft	CHARLES CT	B14-1752	B14-1765	Cook
21233185	8	in	Poly Vinyl Chloride	146.2	ft	PALAZZO DR	J15-1252	J15-1254	Lake
21233233	8	in	Poly Vinyl Chloride	140.9	ft	MADIERA CT	J15-1757	J15-1756	Lake
21233242	8	in	Poly Vinyl Chloride	158.7	ft	PALAZZO DR	J15-1262	J16-1009	Lake
21233334	8	in	Poly Vinyl Chloride	200.5	ft	PALAZZO DR	J15-1251	J15-1252	Lake
21233345	8	in	Poly Vinyl Chloride	175.9	ft	MADIERA LN	J15-1505	J15-1506	Lake
21233361	12	in	Vitrified Clay Pipe	102.9	ft	ST MARYS PKWY	D11-1008	D11-1007	Cook
21233402	8	in	Poly Vinyl Chloride	126.5	ft	PALAZZO CT	J15-1254	J15-1257	Lake
21233412	8	in	Poly Vinyl Chloride	91.9	ft	MADIERA LN	J15-1760	J15-1757	Lake
21233428	8	in	Poly Vinyl Chloride	134.8	ft	APPLE HILL LN	J15-1511	J15-1512	Lake
21233435	8	in	Poly Vinyl Chloride	236	ft	CHAMBOURD DR	J15-1501	J15-1502	Lake
21233446	8	in	Poly Vinyl Chloride	208.2	ft	PALAZZO DR	J15-1259	J15-1258	Lake
21233451	8	in	Poly Vinyl Chloride	194.8	ft	MADIERA LN	J15-1261	J15-1260	Lake
21233486	8	in	Poly Vinyl Chloride	383.6	ft	CHAMBOURD DR	J15-1004	J15-1500	Lake
21233543	8	in	Poly Vinyl Chloride	209.8	ft	APPLE HILL LN	J15-1003	J15-1005	Lake
21233565	8	in	Poly Vinyl Chloride	154	ft	APPLE HILL LN	J15-1513	J15-1750	Lake
21233576	8	in	Poly Vinyl Chloride	285.3	ft	CHAMBOURD DR	J15-1005	J15-1004	Lake
21233628	8	in	Poly Vinyl Chloride	286.5	ft	MADIERA LN	J15-1260	J15-1760	Lake
21233745	8	in	Poly Vinyl Chloride	105.7	ft	PALAZZO DR	J15-1254	J15-1258	Lake
21233773	8	in	Poly Vinyl Chloride	185.6	ft	APPLE HILL CT N	J15-1001	J15-1002	Lake
21233920	8	in	Poly Vinyl Chloride	207.9	ft	MADIERA LN	J15-1259	J15-1261	Lake
21234027	8	in	Poly Vinyl Chloride	64.4	ft	APPLE HILL LN	J15-1750	J15-1751	Lake

2020 Sewer Televising Project  
Sanitary Sewer

ID	Dia.	Dia. (unit)	Material	Length	Length (unit)	Street	Downstream Manhole	Upstream Manhole	County
21234185	8	in	Poly Vinyl Chloride	249.1	ft	APPLE HILL LN	J15-1000	J15-1001	Lake
21234314	8	in	Poly Vinyl Chloride	260.2	ft	PALAZZO DR	J15-1252	J15-1253	Lake
21234451	8	in	TRUSS Composite Sewer Pipe	365.6	ft	THOMPSON BLVD	H10-1513	H10-1757	Lake
21234657	8	in	Poly Vinyl Chloride	144.1	ft	PALAZZO CT	J15-1010	J15-1256	Lake
21234664	8	in	Poly Vinyl Chloride	76.2	ft	CHAMBOURD DR	J15-1503	J15-1504	Lake
21234690	10	in	Poly Vinyl Chloride	171.6	ft	PALAZZO DR	J15-1264	J15-1263	Lake
21234698	8	in	TRUSS Composite Sewer Pipe	139.5	ft	PINE TREE CIR N	G2-1504	G12-1503	Lake
21234734	10	in	Vitrified Clay Pipe	158.9	ft	CAMBRIDGE DR	B14-1753	B14-1752	Cook
21234827	8	in	TRUSS Composite Sewer Pipe	161.7	ft	THOMPSON BLVD	H10-1756	H10-1758	Lake
21234829	8	in	Poly Vinyl Chloride	278.6	ft	PALAZZO DR	J15-1758	J15-1250	Lake
21234999	10	in	Vitrified Clay Pipe	253.2	ft	CAMBRIDGE DR	B14-1752	B14-1751	Cook
21235086	8	in	Vitrified Clay Pipe	291.5	ft	SAXON PL	B14-1251	B14-1250	Cook
21235115	8	in	Poly Vinyl Chloride	192.1	ft	MADIERA LN	J15-1759	J15-1758	Lake
21235150	8	in	Vitrified Clay Pipe	104.2	ft	CHARLES CT	B14-1505	B14-1504	Cook
21235553	8	in	TRUSS Composite Sewer Pipe	153.8	ft	THOMPSON BLVD	H10-1758	H11-1505	Lake
21235575	8	in	TRUSS Composite Sewer Pipe	41	ft	BORDEAUX CT W	H10-1254	H10-1255	Lake
21235662	8	in	Poly Vinyl Chloride	132.5	ft	APPLE HILL LN	J15-1005	J15-1007	Lake
21235676	8	in	Poly Vinyl Chloride	396.2	ft	APPLE HILL LN	J15-1511	J15-1513	Lake
21235689	10	in	Poly Vinyl Chloride	112.6	ft	PALAZZO DR	J15-1263	J15-1262	Lake
21235693	8	in	Poly Vinyl Chloride	402.6	ft	APPLE HILL LN	J15-1506	J15-1753	Lake
21235753	8	in	Poly Vinyl Chloride	78.8	ft	APPLE HILL LN	J15-1506	J15-1508	Lake
21235758	8	in	Poly Vinyl Chloride	248	ft	PALAZZO CT	J15-1256	J15-1255	Lake
21235759	8	in	Poly Vinyl Chloride	166.1	ft	MADIERA LN	J15-1504	J15-1505	Lake
21236105	8	in	TRUSS Composite Sewer Pipe	364.7	ft	THOMPSON BLVD	H11-1505	H11-1502	Lake
21236161	8	in	Poly Vinyl Chloride	339.1	ft	APPLE HILL LN	J15-1508	J15-1507	Lake
21236318	8	in	TRUSS Composite Sewer Pipe	200.2	ft	THOMPSON BLVD	H11-1502	H11-1501	Lake
21236376	8	in	Poly Vinyl Chloride	197.4	ft	APPLE HILL LN	J15-1003	J15-1008	Lake
21236392	8	in	Poly Vinyl Chloride	148.2	ft	MADIERA LN	J15-1757	J15-1759	Lake
21236936	8	in	Poly Vinyl Chloride	214.9	ft	MADIERA CT	J15-1755	???	Lake
21237114	8	in	TRUSS Composite Sewer Pipe	309.4	ft	THOMPSON BLVD	H10-1507	H10-1505	Lake
21237177	12	in	Vitrified Clay Pipe	348.6	ft	ST MARYS PKWY	D12-1503	D11-1760	Cook
21237205	15	in	Poly Vinyl Chloride	271.8	ft	CAMBRIDGE DR	B14-1760	B14-1759	Cook
21237298	8	in	Vitrified Clay Pipe	312.9	ft	CHARLES CT	B14-1752	B14-1505	Cook

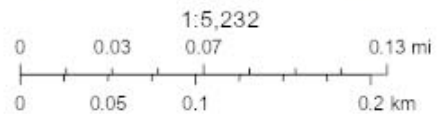
APPENDIX C – MAPS

# Apple Hill/Tenerife



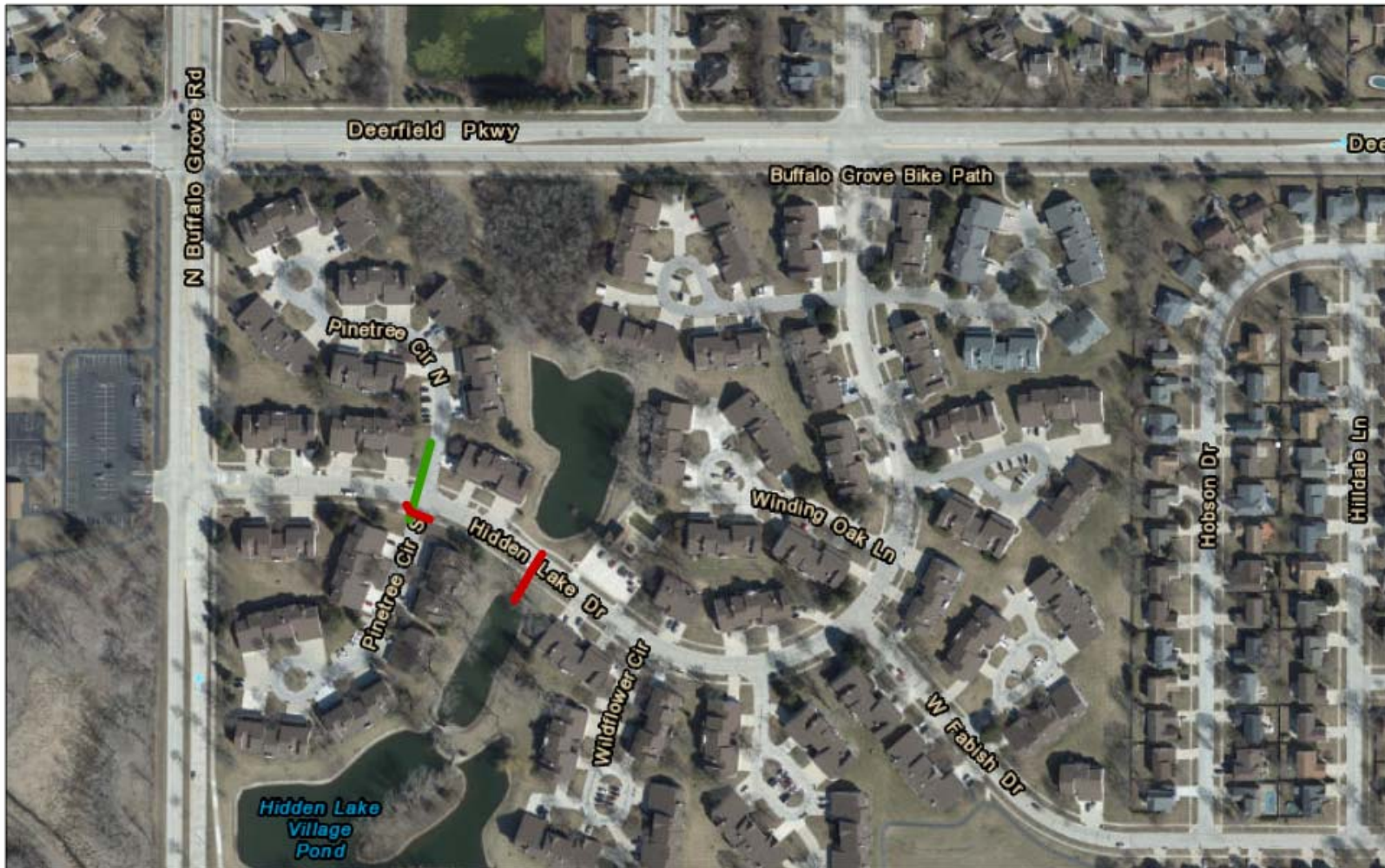
February 6, 2020

- All Storm Pipes
- All Sewer Mains



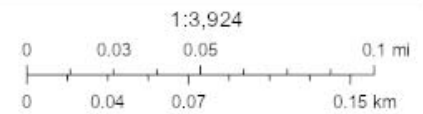
Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community. Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

# Hidden Lake



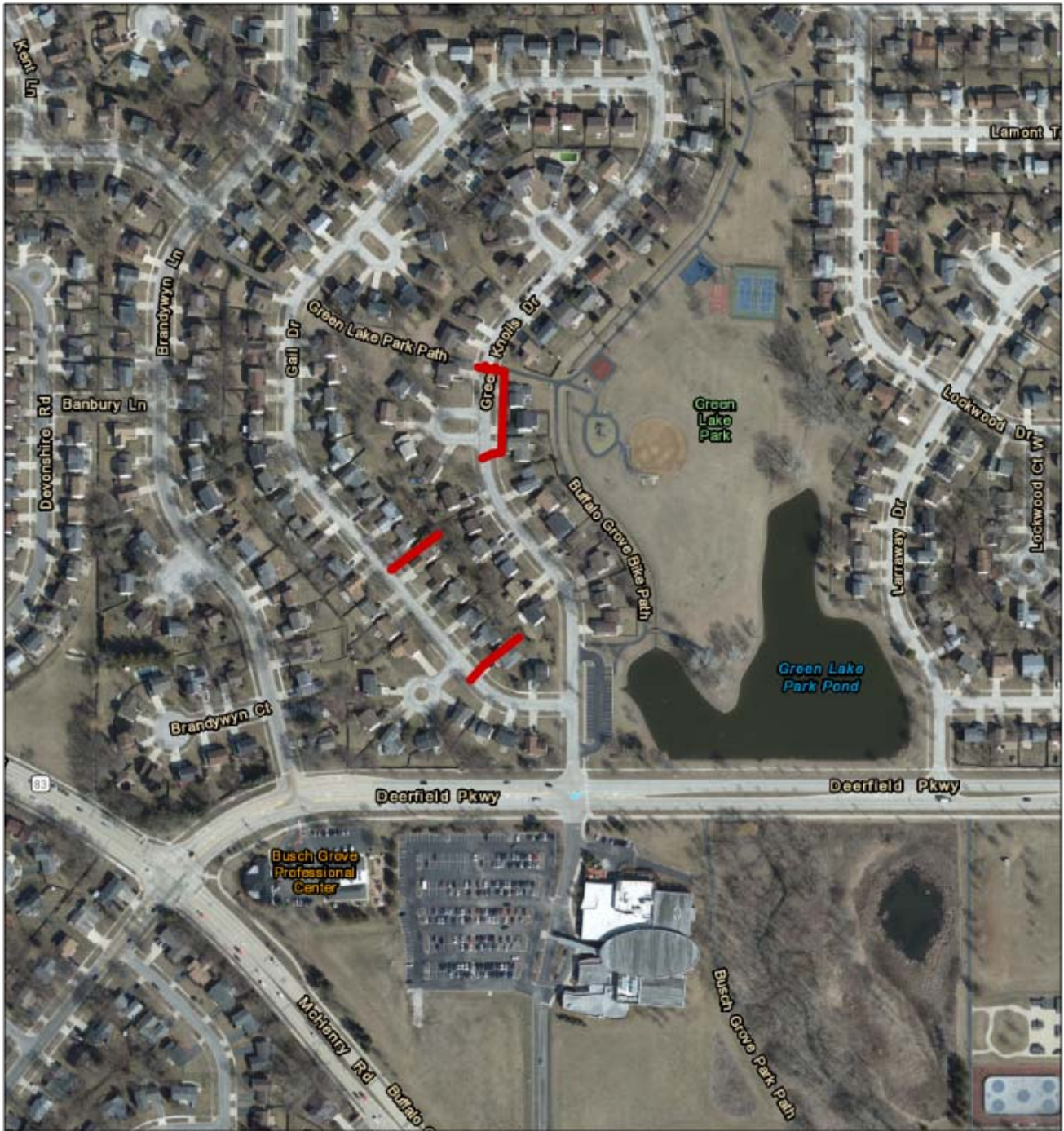
February 6, 2020

- All Storm Pipes
- All Sewer Mains



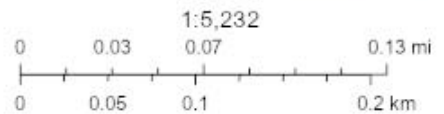
Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin,

# Gail/Green Knolls



February 6, 2020

- All Storm Pipes
- All Sewer Mains



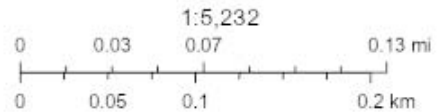
Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community. Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

# Melinda/Hiawatha



February 6, 2020

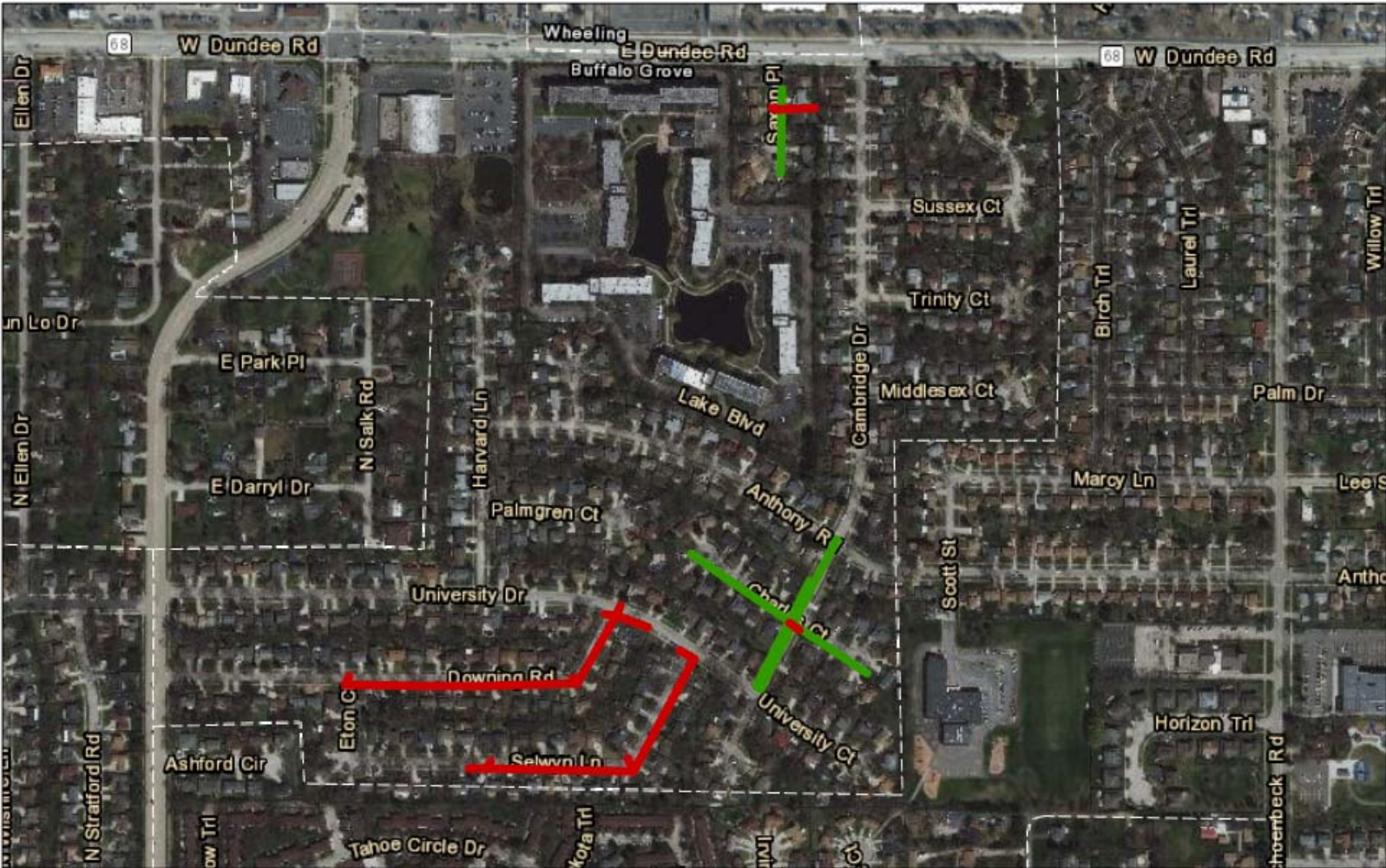
- All Storm Pipes
- All Sewer Mains



Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community. Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

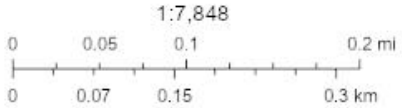


# Saxon/Downing



February 6, 2020

- All Storm Pipes
- All Sewer Mains



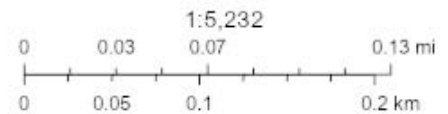
Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin,

# Thompson/Brandywyn



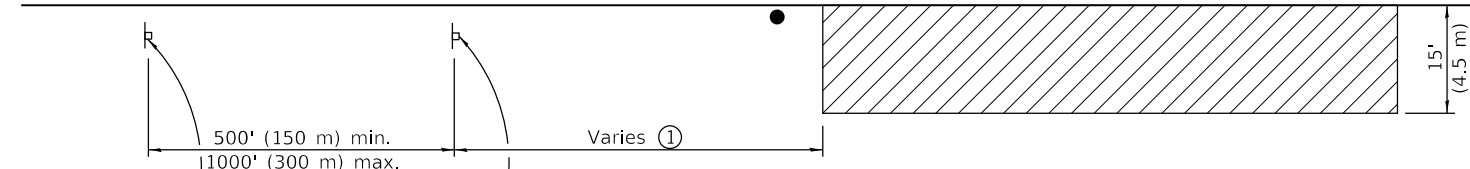
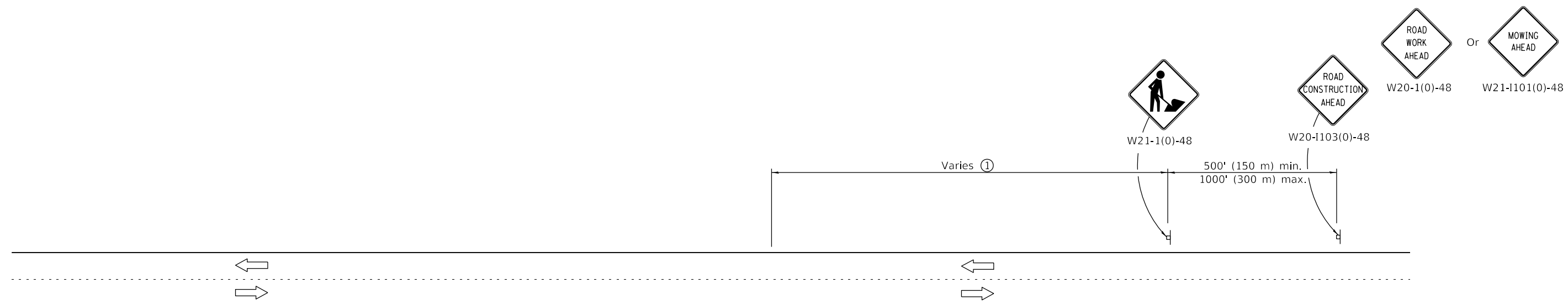
February 6, 2020

- All Storm Pipes
- All Sewer Mains



Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community. Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

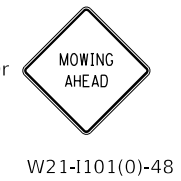
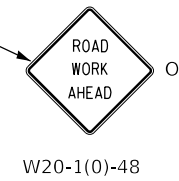
APPENDIX D – I.D.O.T. STANDARDS



For contract construction projects

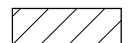




For maintenance and utility projects



**TYPICAL APPLICATIONS**  
Shoulder work  
Utility operations

**SYMBOLS**

-  Work area
-  Sign
-  Flagger with traffic control sign when required

① Minimum distance is 200' (60 m). Maximum distance to be determined by the Engineer but should not exceed 1/2 the length required for one normal working day's operation, or 4 miles (6.4 km) whichever is less.

**GENERAL NOTES**

This Standard is used where at any time, any vehicle, equipment, workers or their activities require an intermittent or continuous moving operation on the shoulder, where the average speed is 1 mph (2 km/h) or less.

When the work operation does not exceed 60 minutes, traffic control may be according to Standard 701301.


All dimensions are in inches (millimeters) unless otherwise shown.

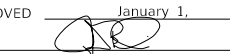
DATE	REVISIONS
1-1-14	Revised workers sign number to agree with current MUTCD.
1-1-13	Omitted text 'WORKERS' sign.

**OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY**

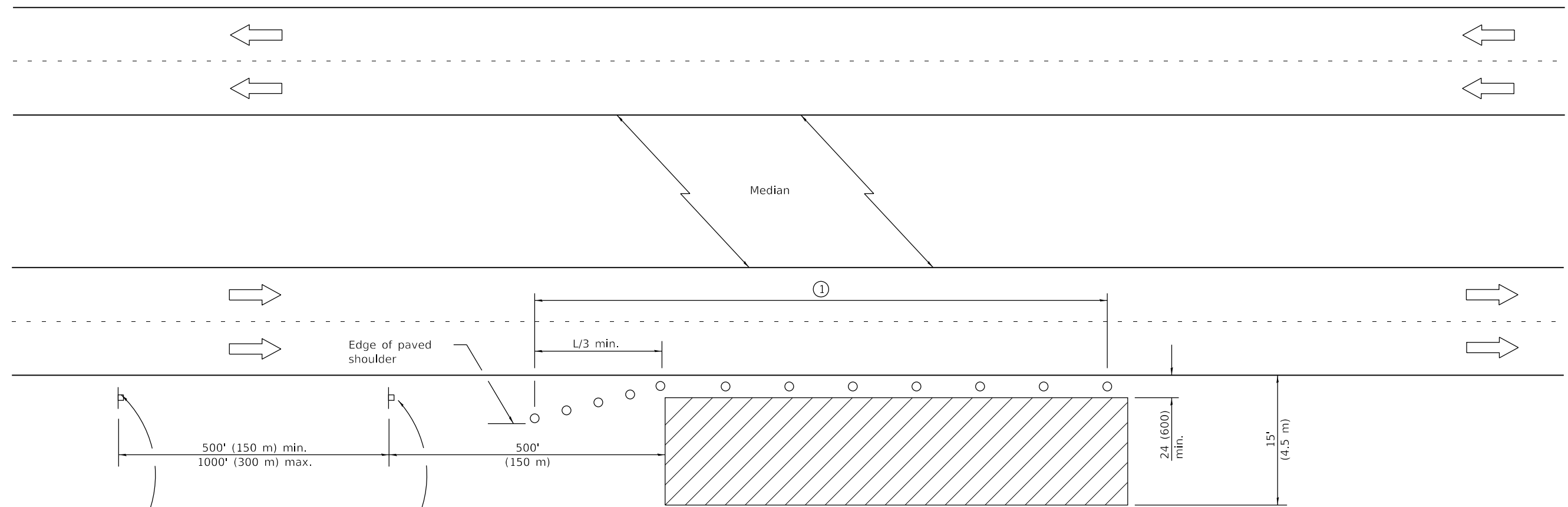
**STANDARD 701011-04**

Illinois Department of Transportation

PASSED January 1, 2014  
  
 ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2014  
  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97



For contract construction projects



W20-1103(0)-48



W21-1(0)-48

For maintenance and utility projects



W20-1(0)-48

**TYPICAL APPLICATIONS**

- Utility operations
- Culvert extensions
- Side slope changes
- Guardrail installation and maintenance
- Delineator installation
- Landscaping operations
- Shoulder repair
- Sign installation and maintenance

① When the work operation exceeds one hour, cones, drums or barricades shall be placed at 25' (8 m) centers for L/3 distance, and at 50' (15 m) centers through the remainder of the work area.

**SYMBOLS**

- Work area
- Sign
- Cone, drum or barricade

**GENERAL NOTES**

This Standard is used where any vehicles, equipment, workers or their activities will encroach in the area 15' (4.5 m) to 24' (600) from the edge of pavement.

Calculate L as follows:

SPEED LIMIT	FORMULAS	
	English	(Metric)
40 mph (70 km/h) or less:	$L = \frac{WS^2}{60}$	$L = \frac{WS^2}{150}$
45 mph (80 km/h) or greater:	$L = (W)(S)$	$L = 0.65(W)(S)$

W = Width of offset in feet (meters).

S = Normal posted speed mph (km/h).

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
4-1-16	Corrected typo in title.
1-1-14	Revised workers sign number to agree with current MUTCD.

**OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE**

**STANDARD 701101-05**

Illinois Department of Transportation

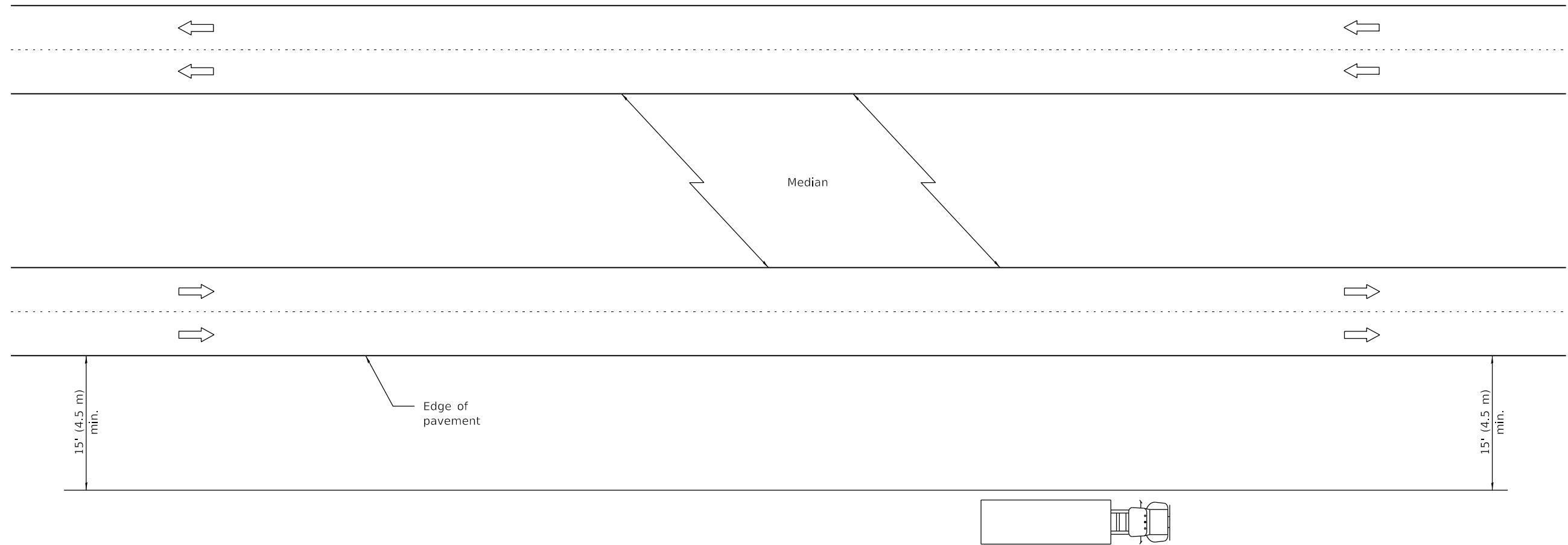
PASSED April 1, 2016

*[Signature]*  
ENGINEER OF SAFETY ENGINEERING

APPROVED April 1, 2016

*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97



**TYPICAL APPLICATIONS**

- Landscaping work
- Utility work
- Fencing contracts

**GENERAL NOTES**

This Standard is used where at all times all vehicles, equipment, workers or their activities are more than 15' (4.5 m) from the edge of pavement.

When the work operation requires that two or more work vehicles cross the 15' (4.5 m) clear zone in any one hour, traffic control shall be according to Standard 701101.


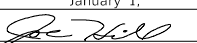
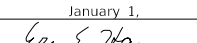
This Standard also applies to work performed in the median more than 15' (4.5 m) from either pavement.

All dimensions are in inches (millimeters) unless otherwise shown.

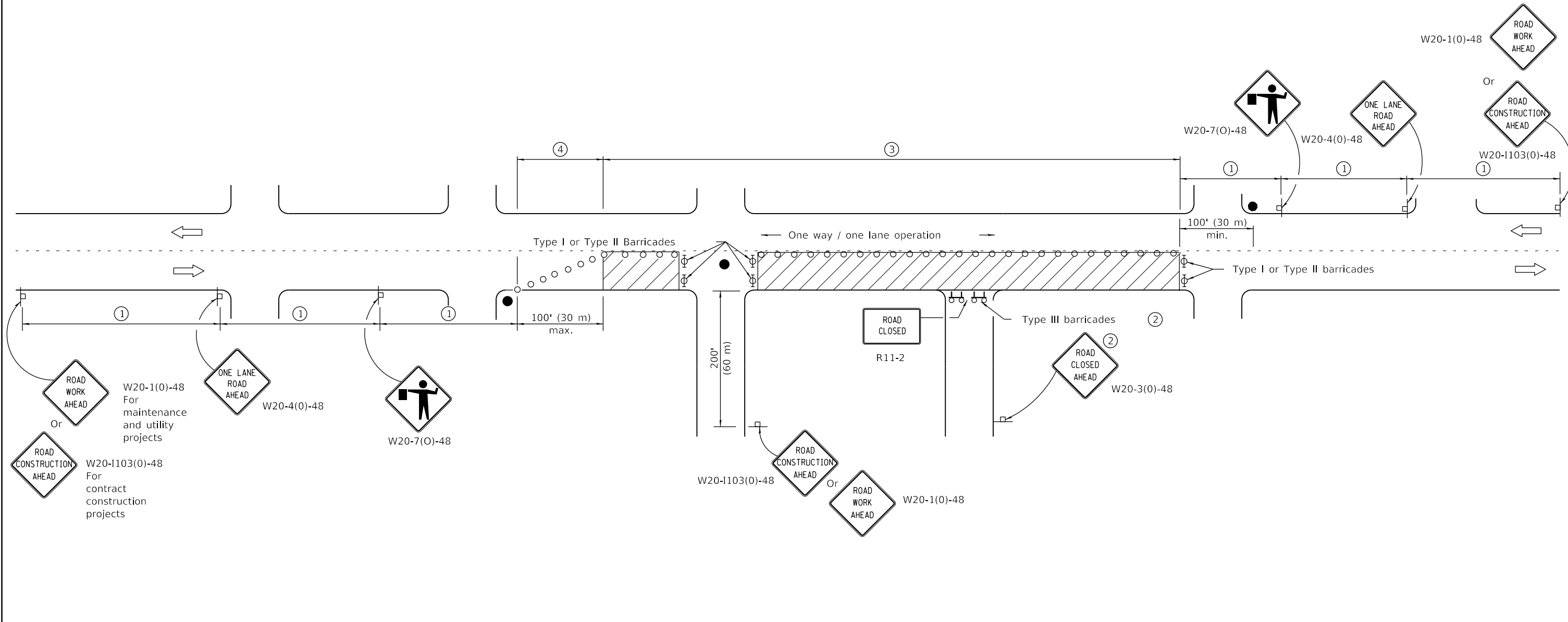
DATE	REVISIONS
1-1-05	Switched units to English (metric).
1-1-05	Revised title.

**OFF-RD OPERATIONS, MULTILANE,  
MORE THAN 15' (4.5 m) AWAY**

**STANDARD 701106-02**


 Illinois Department of Transportation  
 PASSED January 1, 2009  
  
 ENGINEER OF OPERATIONS  
 APPROVED January 1, 2009  
  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

**SYMBOLS**

- Work area
- Cone, drum or barricade (not required for moving operations)
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights

- ① Refer to SIGN SPACING TABLE for distances.
- ② For approved sideroad closures.
- ③ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ④ Cones, drums or barricades at 20' (6 m) centers.

**GENERAL NOTES**

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an urban area.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2011  
  
 ENGINEER OF SAFETY ENGINEERING

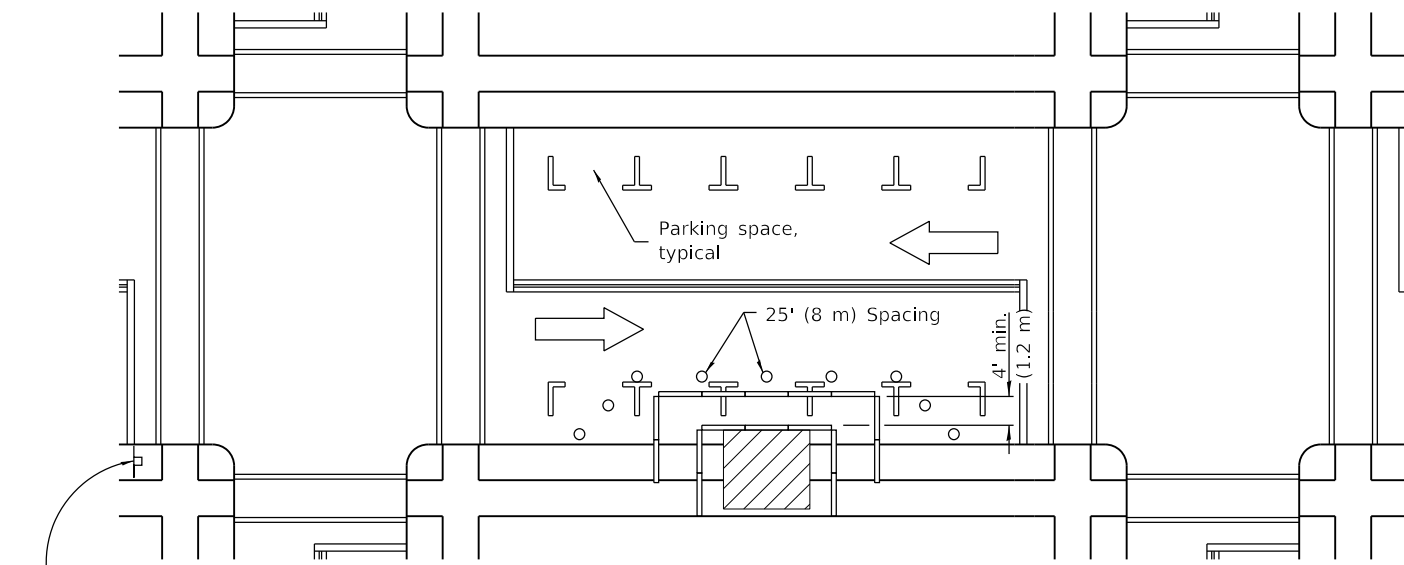
APPROVED January 1, 2011  
  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric).
	Corrected sign No.'s.

**URBAN LANE CLOSURE,  
2L, 2W, UNDIVIDED**

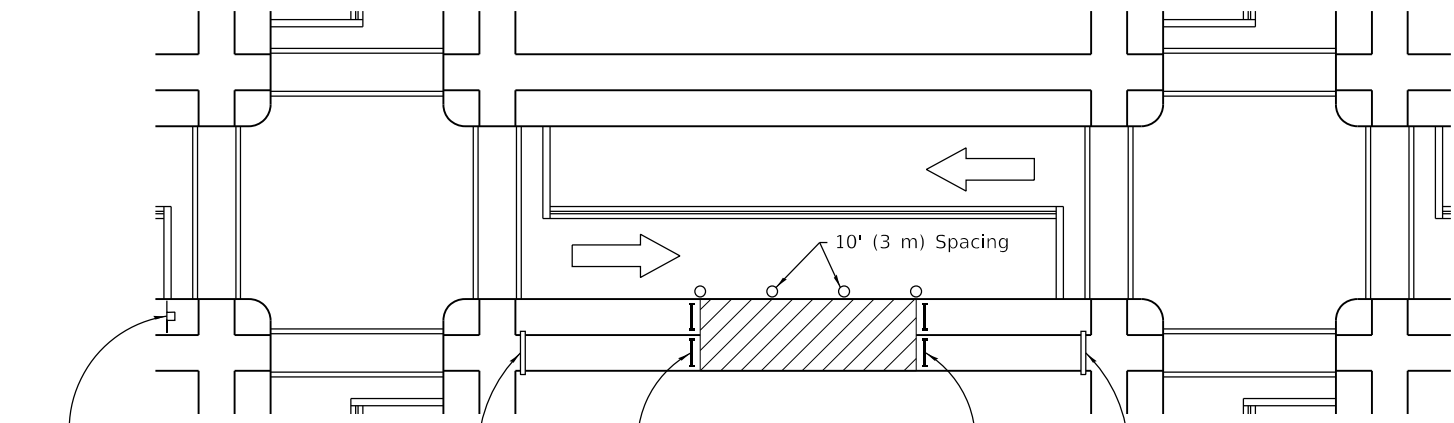
**STANDARD 701501-06**



① ROAD CONSTRUCTION AHEAD  
W20-1103(0)-48 for contract construction projects

Or  
① ROAD WORK AHEAD  
W20-1(0)-48 for maintenance and utility projects

**SIDEWALK DIVERSION**



① ROAD CONSTRUCTION AHEAD  
W20-1103(0)-48 for contract construction projects

Or  
① ROAD WORK AHEAD  
W20-1(0)-48 for maintenance and utility projects

SIDEWALK CLOSED  
←  
USE OTHER SIDE  
R11-1102-2430

SIDEWALK CLOSED  
R11-1101-2418

SIDEWALK CLOSED  
→  
USE OTHER SIDE  
R11-1102-2430

**SIDEWALK CLOSURE**

① Omit whenever duplicated by road work traffic control.

**GENERAL NOTES**

This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.

This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.

Temporary facilities shall be detectable and accessible.

The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.

The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corners across the street from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.

Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.

All dimensions are in inches (millimeters) unless otherwise shown.

**SYMBOLS**

- Work area
- Sign on portable or permanent support
- Barricade or drum
- Cone, drum or barricade
- Type III barricade
- Detectable pedestrian channelizing barricade

Illinois Department of Transportation

PASSED April 1, 2016  
*[Signature]*  
ENGINEER OF SAFETY ENGINEERING

APPROVED April 1, 2016  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

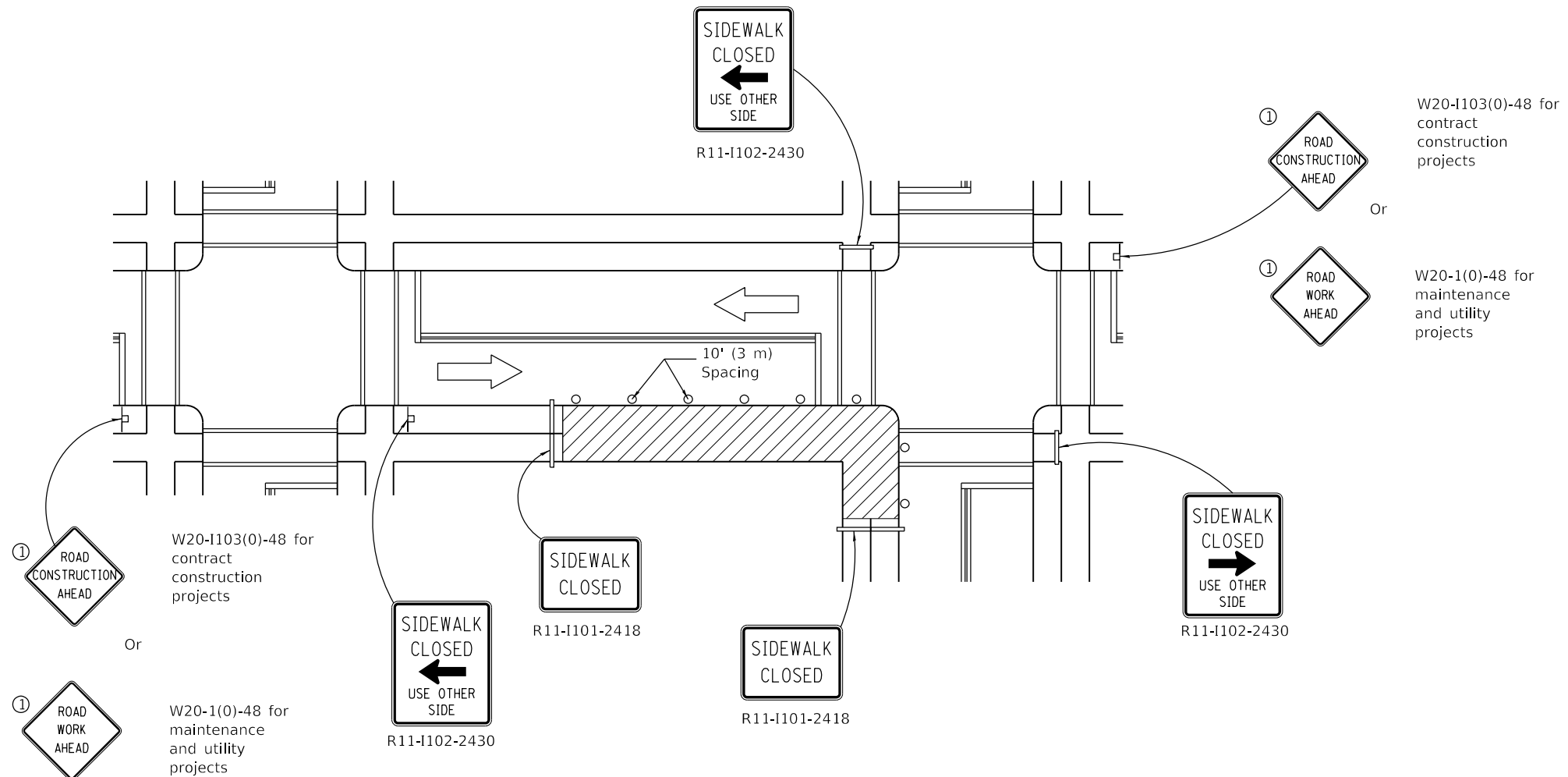
DATE	REVISIONS
4-1-16	Omitted orange safety fence from standard as this is covered in the std. spec.
1-1-12	Added SIDEWALK DIVERSION. Modified appearance of plan views. Renamed Std.

**SIDEWALK, CORNER OR CROSSWALK CLOSURE**

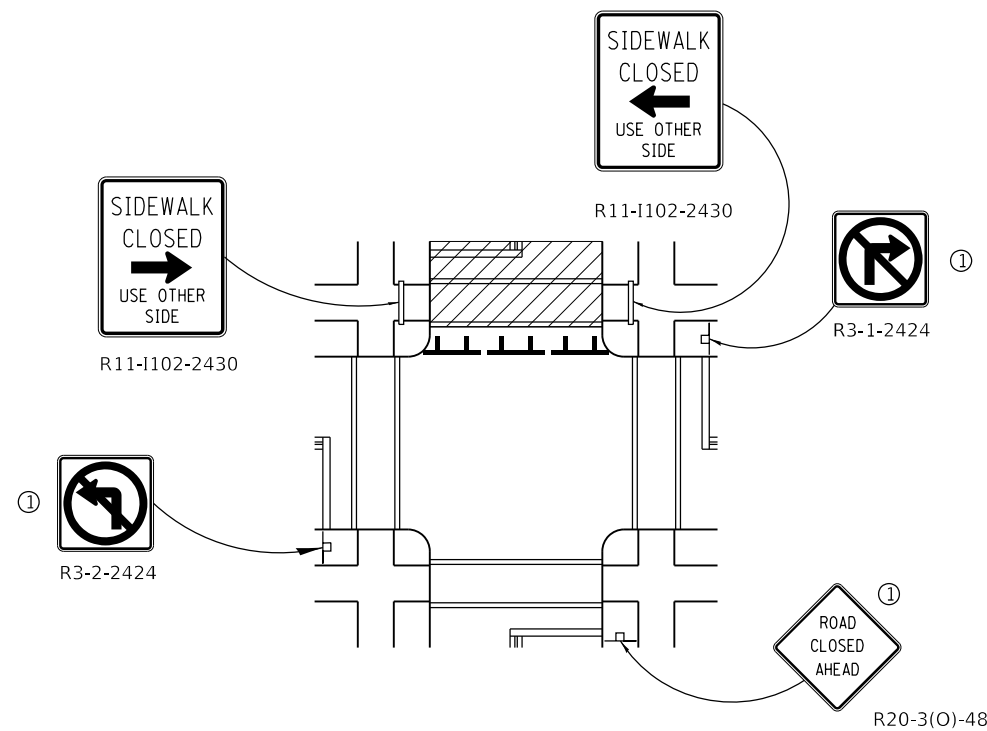
(Sheet 1 of 2)

**STANDARD 701801-06**





**CORNER CLOSURE**



**CROSSWALK CLOSURE**

W20-I103(0)-48 for contract construction projects

Or

W20-1(0)-48 for maintenance and utility projects

**SIDEWALK, CORNER OR CROSSWALK CLOSURE**

(Sheet 2 of 2)

**STANDARD 701801-06**

Illinois Department of Transportation

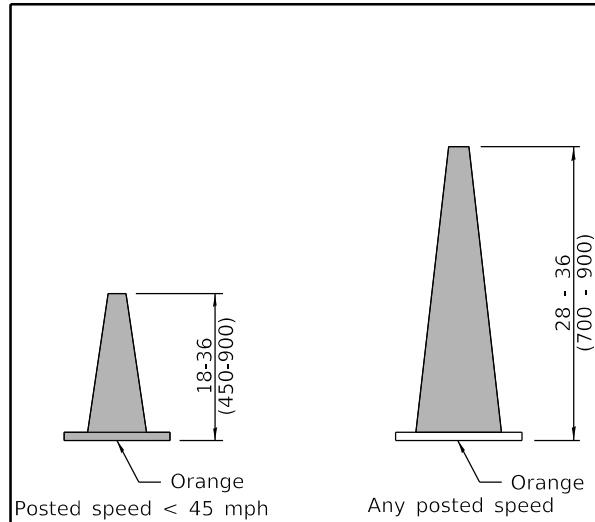
PASSED April 1, 2016

*[Signature]*  
ENGINEER OF SAFETY ENGINEERING

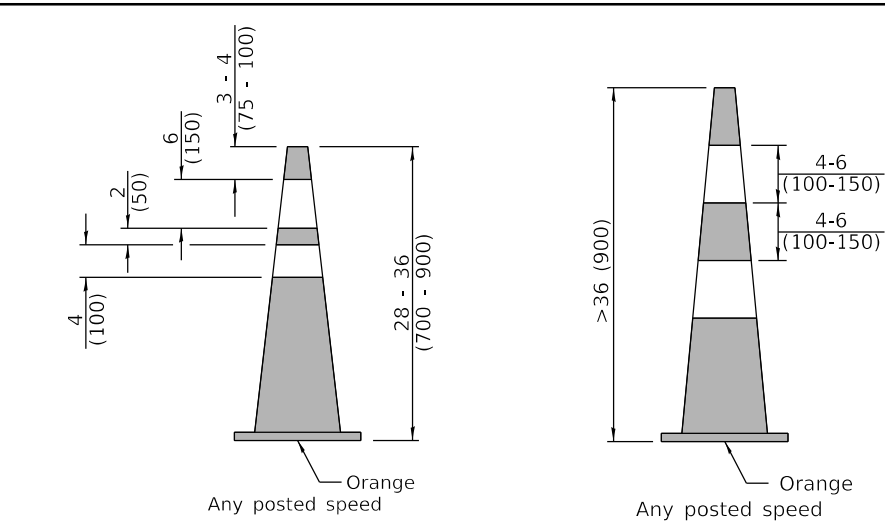
APPROVED April 1, 2016

*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

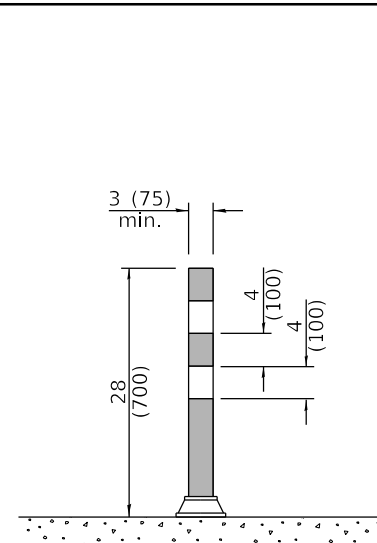
ISSUED 1-1-97



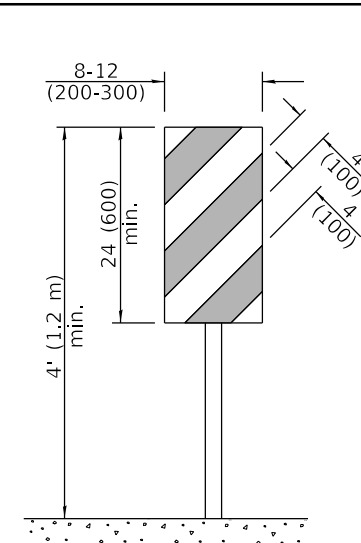
**DAYTIME USE**



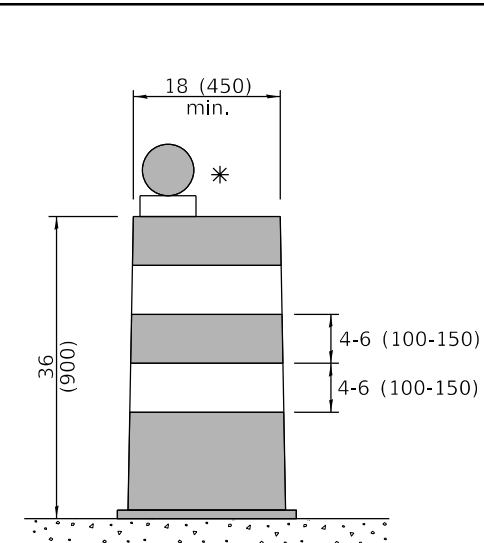
**DAY OR NIGHTTIME USE**



**TUBULAR MARKER**

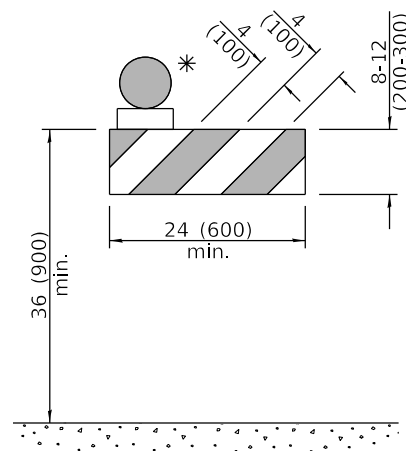


**VERTICAL PANEL  
POST MOUNTED**

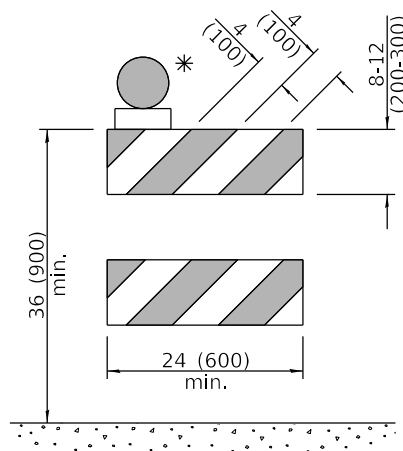


**DRUM**

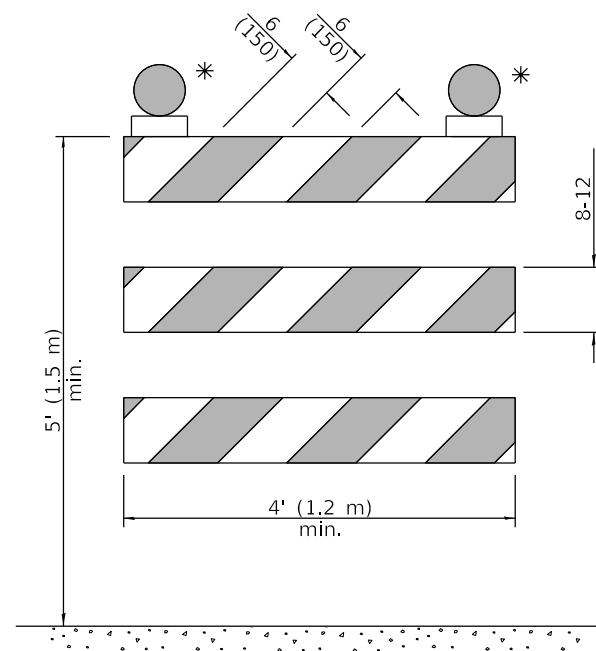
**CONES**



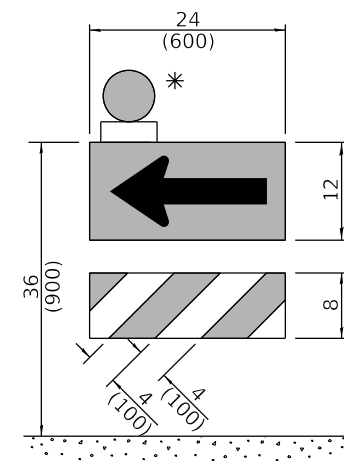
**TYPE I BARRICADE**



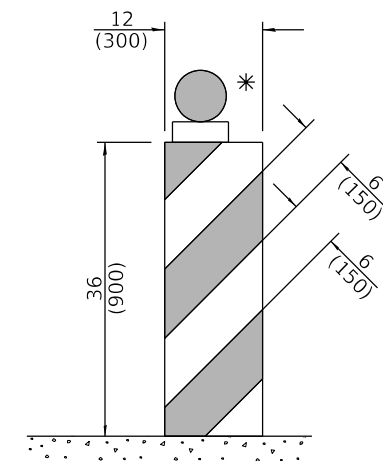
**TYPE II BARRICADE**



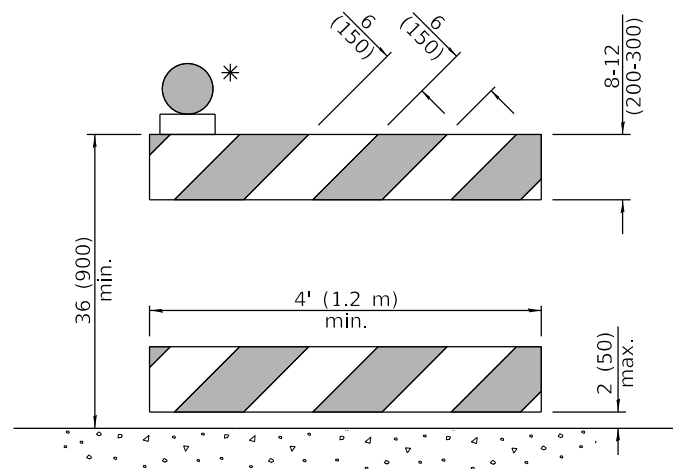
**TYPE III BARRICADE**



**DIRECTION INDICATOR  
BARRICADE**



**VERTICAL BARRICADE**



**DETECTABLE PEDESTRIAN  
CHANNELIZING BARRICADE**

\* Warning lights (if required)

**GENERAL NOTES**

All heights shown shall be measured above the pavement surface.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-19	Revised cone usage and added cones >36" (900 mm) height.
1-1-18	Revised END WORK ZONE SPEED LIMIT sign from orange to white background.

**TRAFFIC CONTROL DEVICES**

(Sheet 1 of 3)

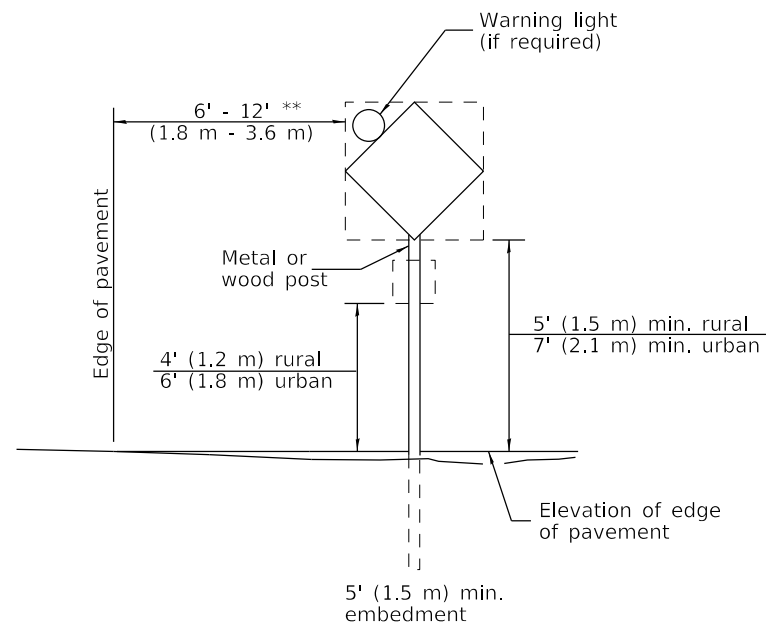
**STANDARD 701901-08**

Illinois Department of Transportation

APPROVED January 1, 2019  
  
 ENGINEER OF SAFETY PROG. AND ENGINEERING

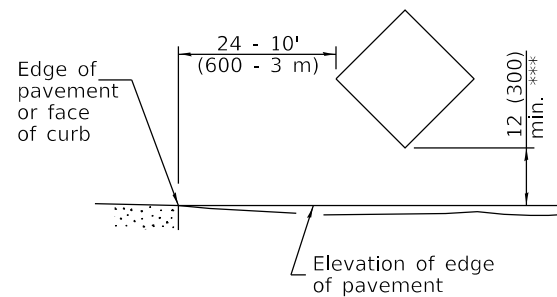
APPROVED January 1, 2019  
  
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED  
 ET-1-1



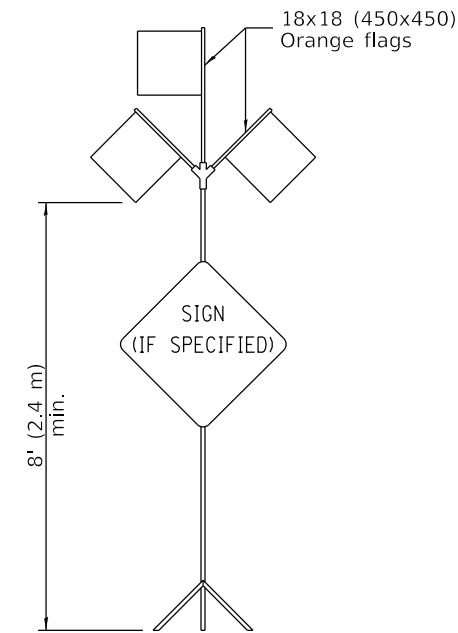
**POST MOUNTED SIGNS**

\*\* When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.

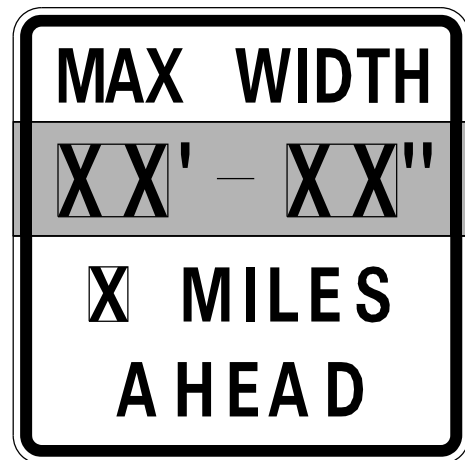


**SIGNS ON TEMPORARY SUPPORTS**

\*\*\* When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.



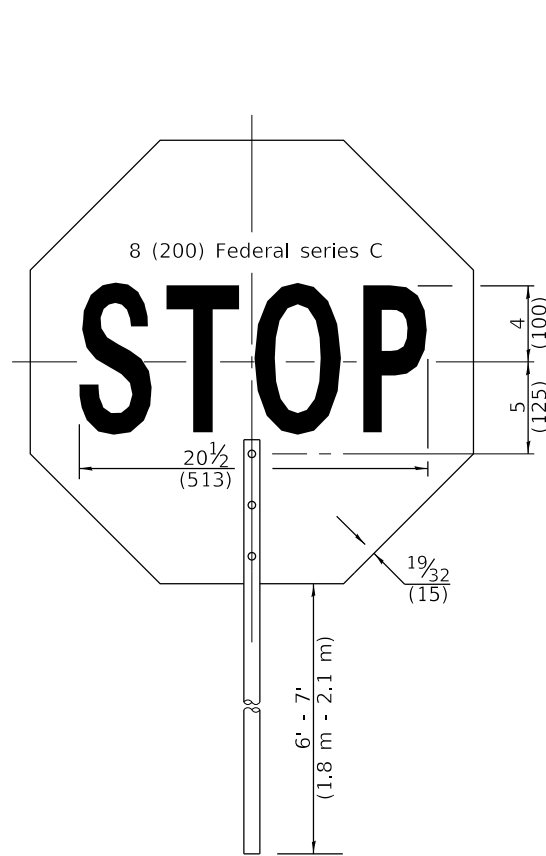
**HIGH LEVEL WARNING DEVICE**



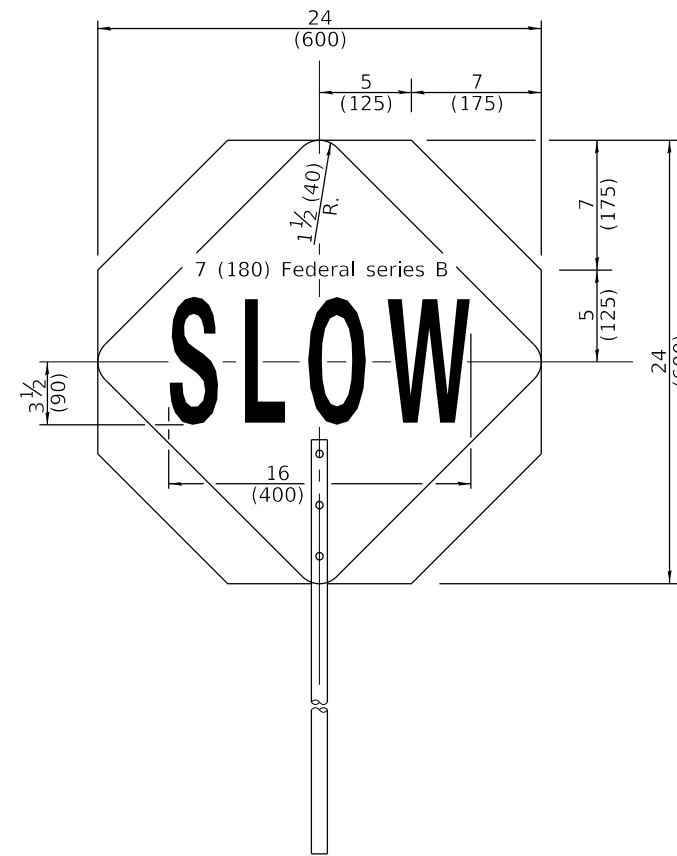
W12-I103-4848

**WIDTH RESTRICTION SIGN**

XX'-XX" width and X miles are variable.



FRONT SIDE



REVERSE SIDE

**FLAGGER TRAFFIC CONTROL SIGN**



G20-I104(0)-6036



G20-I105(0)-6024

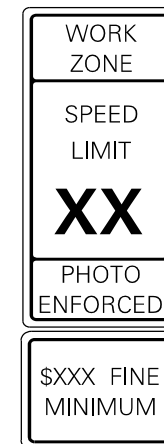
This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multi-lane highways.

**WORK LIMIT SIGNING**



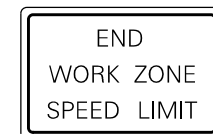
W21-III5(0)-3618

R2-1-3648

R10-I108p-3618 \*\*\*\*

R2-I106p-3618

Sign assembly as shown on Standards or as allowed by District Operations.



G20-I103-6036

This sign shall be used when the above sign assembly is used.

**HIGHWAY CONSTRUCTION SPEED ZONE SIGNS**

\*\*\*\* R10-I108p shall only be used along roadways under the jurisdiction of the State.

**TRAFFIC CONTROL DEVICES**

(Sheet 2 of 3)

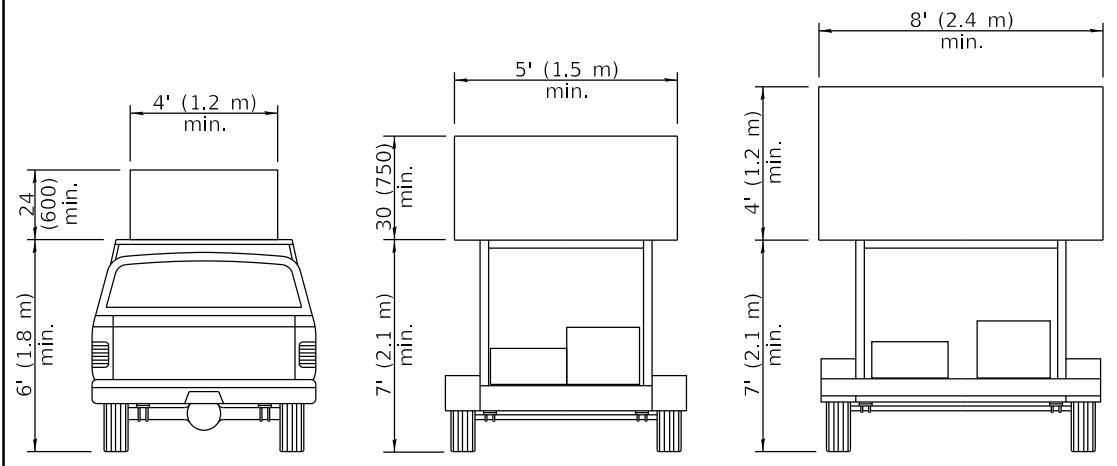
**STANDARD 701901-08**

Illinois Department of Transportation

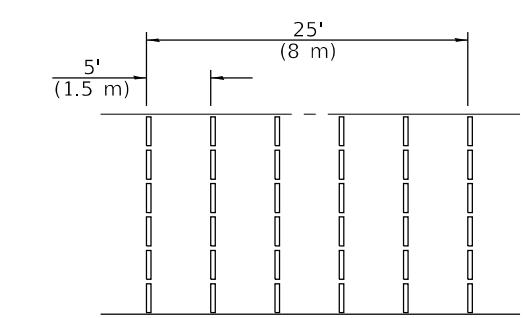
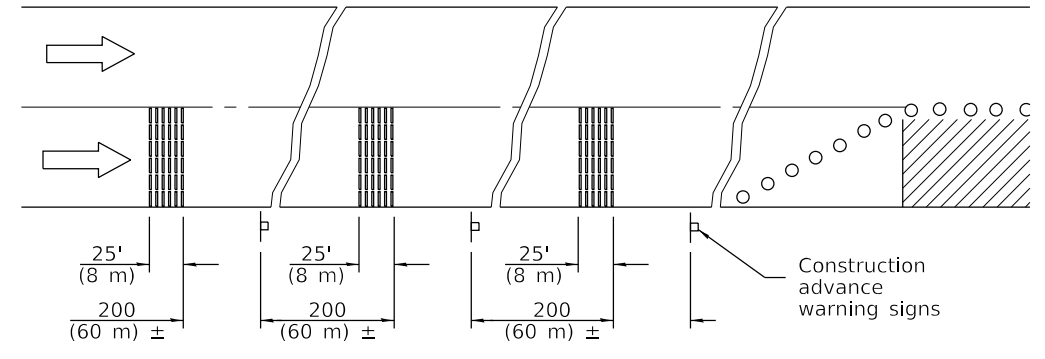
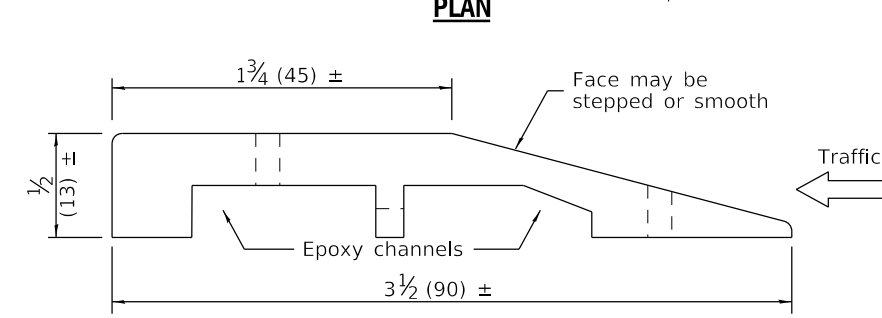
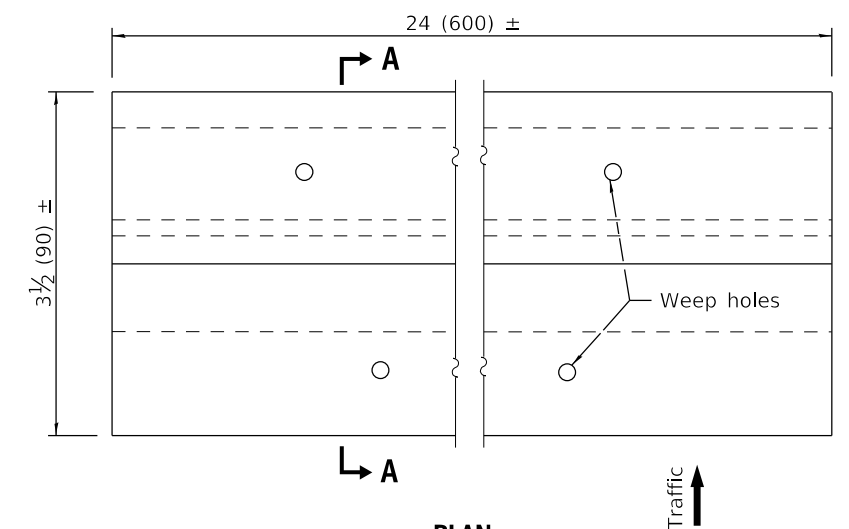
APPROVED January 1, 2019  
*Cynthia Watt*  
 ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2019  
*J. E. ...*  
 ENGINEER OF DESIGN AND ENVIRONMENT

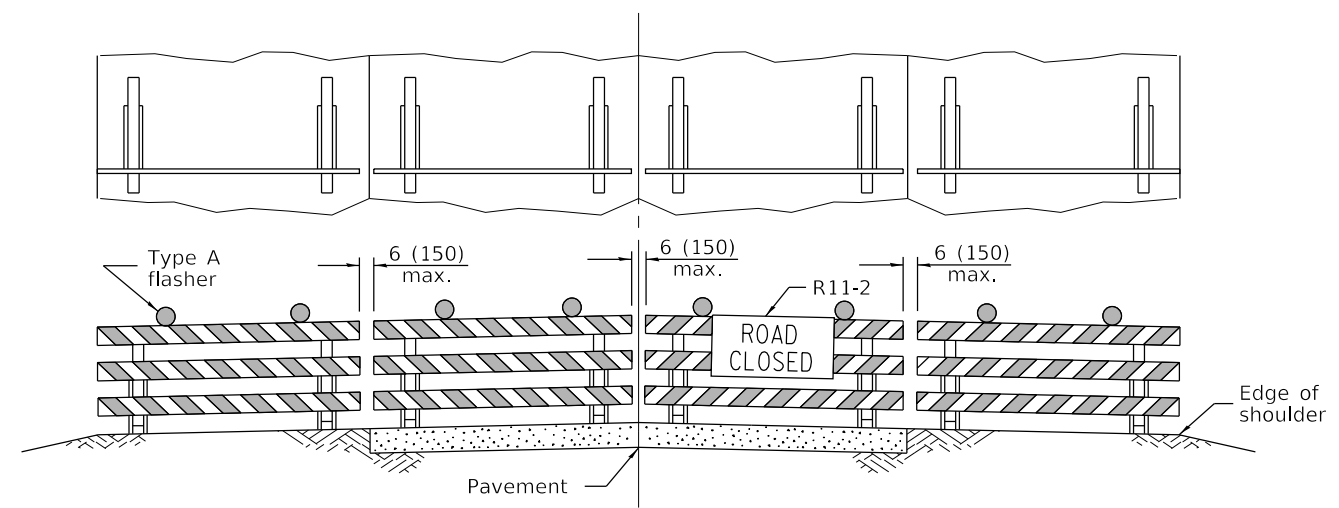
ISSUED 1-1-13



**ARROW BOARDS**

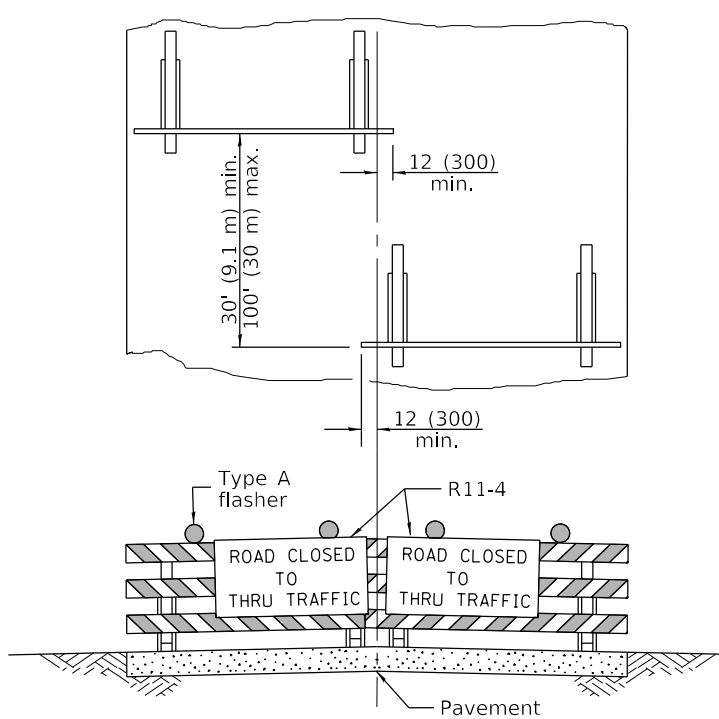


**TEMPORARY RUMBLE STRIPS**



**ROAD CLOSED TO ALL TRAFFIC**

Reflectorized striping may be omitted on the back side of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.



**ROAD CLOSED TO THRU TRAFFIC**

Reflectorized striping shall appear on both sides of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the signs may be mounted on NCHRP 350 temporary sign supports directly in front of the barricade.

**TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD**

**TRAFFIC CONTROL DEVICES**

(Sheet 3 of 3)

**STANDARD 701901-08**

Illinois Department of Transportation

APPROVED January 1, 2019

*Cynthia Watt*  
ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2019

*Joe E. ...*  
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUES: E1-1-1 Q3581

## 2020 SEWER TELEVISIONING CONTRACT

**2020 SEWER TELEVISIONING 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 \_\_\_\_\_, 2020 (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 the Work**
- Contract Exhibit B – Schedule of Prices**
- Contract Exhibit C – Performance and Payment Bond**
- Contract Exhibit D – Partial Lien Waiver**
- Contract Exhibit E – Final Lien Waiver**

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;

2. Either a partial or final lien waiver from every subcontractor, sub-subcontractor, or materialman in substantially the same form as attached here as **Contract Exhibit D** and **Contract Exhibit E**;
3. Certified payroll necessary for the Prevailing Wage Act; and

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, and 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.

### **Escalation Clause**

Prices throughout the initial term of the contract shall reflect the Contractor's response to the RFP and subsequent negotiations. For subsequent terms, requests for increases of unit prices shall not exceed the CPI-All Urban Consumers, Chicago or 2.5% whichever is less. Written requests for price revisions after the initial term shall be submitted ninety (90) days in advance. Requests may 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.

The Village reserves the right to reject any price increase and elect not to renew the contract.

### **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 **May 1, 2020**.

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.

The Village will enter into a one (1) year contract with two (2) possible one (1) year extensions from the date of award. At the end of any contract term, The Village of Buffalo Grove reserves the right to extend this contract for a period of up to ninety (90) calendar days for the purpose of securing a new contract.

Unless otherwise provided in this Contract, any reference in this Contract to "day" or "days" shall mean calendar days and not business days.

### **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 – INSURANCE**

**A. LIMITS OF INSURANCE** – For the entire duration of this Contract, Contractor shall maintain insurance against claims for injuries to persons or damages to property which may arise in connection with the performance of the Work as follows:

1. **Commercial General Liability Insurance** – The Contractor shall maintain commercial general liability insurance on an “occurrence basis” with limits of liability not less than \$3,000,000 per occurrence and/or aggregate combined single limit, personal injury, bodily injury and property damage. Coverage shall include the followings: (A) Contractual Liability; (B) Products and Completed Operations; (C) Independent Contractors Coverage; (D) Board Form General Liability Extensions or Equivalent; (E) Deletion of all Explosion, Collapse, and Underground (XCU) Exclusions; and (F) Per contract aggregate. All general liability coverage shall be provided on an occurrence policy form, claims-made general liability policies will not be accepted.
2. **Motor Vehicle Liability Insurance** – The Contractor shall maintain motor vehicle liability insurance with limits of liability of not less than \$3,000,000 per accident combined single limit Bodily Injury and Property Damage. Coverage shall include all owned vehicles, all non-owned vehicles and all hired vehicles.
3. **Workers Compensation** – The Contractor shall maintain workers compensation insurance as required by the Labor Code up to the statutory limits and employer’s liability limits of \$500,000 per accident.
4. **Builders Risk Property Coverage** – The Contractor shall maintain builders risk property coverage insurance in an amount equal to the sum of payments under Article III owed to the Contractor.

**B. REQUIREMENTS FOR ALL INSURANCE** – All insurance required under this Article IX shall be placed with an insurance carrier licensed and admitted to do business in the State of Illinois with an A.M. Best Ratings of at least A- and size of VII. Further, all insurance required under this Article IX shall name the Village, its elected and appointed officials, agents, employees and volunteers as an additional insured and shall contain a

Severability of Interests/Cross Liability clause stating that the Contractor's insurance shall apply separately to each insured against whom a claim is made or suit is brought, except with respect to the limits of the insurer's liability.

**C. SELF INSURANCE DEDUCTIBLES** - 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. PRIMARY COVERAGE AND NO CONTRIBUTION** – All insurance provided by the Contractor under this Article IX shall be primary insurance with respect to any other insurance or self-insurance afforded to the Village. 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. [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.](#)

**E. INDEMNIFICATION AND KOTECKI CAP WAIVER** – To the fullest extent permitted by law the Contractor shall indemnify, defend and hold the Village, and its elected and appointed officers, directors, members, employees, agents, and representatives, harmless from all claims and suits for damages arising from personal injuries, including death to persons or damage to property and from all expenses for defending such claim or suit, including court costs and reasonable attorney's fees, arising out of the acts, omission or negligence of the Contractor, a subcontractor, anyone directly or indirectly employed by them or anyone whose acts they may be liable. The Contractor shall have no duty to indemnify the Village hereunder against claims arising as a result of the Village's sole negligence. To the maximum extent permitted by law, in claims against any person or entity indemnified under this section by an employee of the Contractor, a subcontractor, anyone directly or indirectly employed by them or anyone whose acts they may be liable, the indemnification obligations under this section shall not be limited by a limitation on amount or type of damages, compensation or benefits payable by or for the Contractor or a subcontractor under any workers' compensation acts, disability benefit acts or other employee benefit acts.

**F. INSURANCE OF SUBCONTRACTORS** – The Village reserves the right to require all major subcontractors, as determined by the Village in its sole discretion, to carry the same insurance outlined in this Article IX. All contracts with any subcontractor must include a provision that the subcontractor waive its Kotecki Cap limits.

**G. CANCELLATION CLAUSE WITHIN INSURANCE** – All insurance required under this Article IX will provide that the Village receive at least thirty (30) calendar days' notice prior to any modification, cancellation, suspension or expiration of the policy.

**H. CERTIFICATES OF INSURANCE** – The Contractor, and any applicable subcontractor, must provide to the Village certificates of insurance with endorsements providing for all the insurance required by this Article IX prior to the Contractor, and any applicable subcontractor, performing any of the Work. Notwithstanding, the Village reserves the right to request fully certified copies of all insurance policies and endorsements. [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 or CG 2026.](#)

**I. RETENTION OF PAYMENTS** – The Contractor and the Village agree that the Village may withhold payments due to the Contractor by virtue of this Contract if, in the Village's sole discretion, such amounts are necessary to protect the Village from any loss from any claim, suit, loss, or judgment until such claim, suit, loss, or judgment has been settled or discharged to the satisfaction of the Village.



**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  
mreynolds@vbg.org  
ATTN: Director of Public Works

WITH COPIES TO: Cc:pbrankin@vbg.org  
Cc:brobinson@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 Director of Public Works. 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 Director of Public Works, 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 Director of Public Works, 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 Director of Public Works. 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’, materialmens’ 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.

**F. 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. Consequently, the Contract and each subcontractor shall submit monthly with their application for payment a certified payroll along with a signed statement attesting that: (i) such payroll is true and accurate; (ii) the hourly rate paid to each worker is at least equal to the prevailing wage for such work; and (iii) the Contractor or subcontractor is aware that filing a falsely certified payroll is a Class B Misdemeanor. Any delay in processing the payments due to a lack of certified payroll 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.

Current rates can be located on the Illinois Department of Labor website.

<https://www.illinois.gov/idol/Laws-Rules/CONMED/Pages/Rates.aspx>

#### **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.*

**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: Beverly Sussman  
Title: Village President

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

CONTRACT EXHIBIT A

**[Description of the Work]**

CONTRACT EXHIBIT B

**[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 2020 Sewer Televising 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.

CONTRACT EXHIBIT D

**PARTIAL LIEN WAIVER**

STATE OF ILLINOIS

COUNTY OF \_\_\_\_\_

TO WHOM IT MAY CONCERN:

WHEREAS the undersigned has been employed by \_\_\_\_\_  
 to furnish \_\_\_\_\_  
 for the premises known as \_\_\_\_\_  
 of which \_\_\_\_\_ is the owner.  
 THE undersigned, for and in consideration of \_\_\_\_\_  
 (\$ \_\_\_\_\_

) Dollars, and other good and valuable considerations, the receipt whereof is hereby acknowledged, do(es) hereby waive and release any and all lien or claim of, or right to, lien, under the statutes of the State of Illinois, relating to mechanics' liens, with respect to and on said above-described premises, and the improvements thereon, and on the material, fixtures, apparatus or machinery furnished, and on the moneys, funds or other considerations due or to become due from the owner, on account of all labor, services, material, fixtures, apparatus or machinery, furnished to this date by the undersigned for the above-described premises, INCLUDING EXTRAS.\*

DATE \_\_\_\_\_ COMPANY NAME \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 SIGNATURE AND TITLE \_\_\_\_\_

\*EXTRAS INCLUDE BUT ARE NOT LIMITED TO CHANGE ORDERS, BOTH ORAL AND WRITTEN, TO THE CONTRACT

**CONTRACTOR'S AFFIDAVIT**

STATE OF ILLINOIS

COUNTY OF \_\_\_\_\_

TO WHOM IT MAY CONCERN:

THE UNDERSIGNED, (NAME) \_\_\_\_\_ BEING DULY SWORN, DEPOSES  
 AND SAYS THAT HE OR SHE IS (POSITION) \_\_\_\_\_ OF  
 (COMPANY NAME) \_\_\_\_\_ WHO IS THE  
 CONTRACTOR FURNISHING \_\_\_\_\_ WORK ON THE BUILDING  
 LOCATED AT \_\_\_\_\_  
 OWNED BY \_\_\_\_\_

That the total amount of the contract including extras\* is \$ \_\_\_\_\_ on which he or she has received payment of \$ \_\_\_\_\_ prior to this payment. That all waivers are true, correct and genuine and delivered unconditionally and that there is no claim either legal or equitable to defeat the validity of said waivers. That the following are the names and addresses of all parties who have furnished or delivered material or labor, or both, for said work and all parties having contracts or sub contracts for specific portions of said work or for material entering into the construction thereof and the amount due or to become due to each, and that the items mentioned include all labor and material required to complete said work according to plans and specifications:

NAMES AND ADDRESSES	WHAT FOR	CONTRACT PRICE INCLUDING EXTRAS*	AMOUNT PAID	THIS PAYMENT	BALANCE DUE
TOTAL LABOR AND MATERIAL INCLUDING EXTRAS* TO COMPLETE.					

That there are no other contracts for said work outstanding, and that there is nothing due or to become due to any person for material, labor or other work of any kind done or to be done upon or in connection with said work other than above stated.

DATE \_\_\_\_\_ SIGNATURE: \_\_\_\_\_  
 SUBSCRIBED AND SWORN TO BEFORE ME THIS \_\_\_\_\_ DAY OF \_\_\_\_\_

\*EXTRAS INCLUDE BUT ARE NOT LIMITED TO CHANGE ORDERS, BOTH ORAL AND WRITTEN, TO THE CONTRACT.

\_\_\_\_\_  
 NOTARY PUBLIC

CONTRACT EXHIBIT E

FINAL WAIVER OF LIEN

STATE OF ILLINOIS
COUNTY OF \_\_\_\_\_

TO WHOM IT MAY CONCERN:
WHEREAS the undersigned has been employed by \_\_\_\_\_
to furnish \_\_\_\_\_
for the premises known as \_\_\_\_\_
of which \_\_\_\_\_ is the owner.

THE undersigned, for and in consideration of \_\_\_\_\_
(\$ \_\_\_\_\_) Dollars, and other good and valuable considerations, the receipt whereof is hereby acknowledged,
do(es) hereby waive and release any and all lien or claim of, or right to, lien, under the statutes of the State of Illinois, relating
to mechanics' liens, with respect to and on said above-described premises, and the improvements thereon, and on the material,
fixtures, apparatus or machinery furnished, and on the moneys, funds or other considerations due or to become due from the
owner, on account of all labor, services, material, fixtures, apparatus or machinery, heretofore furnished, or which may be
furnished at any time hereafter, by the undersigned for the above-described premises, INCLUDING EXTRAS.\*

DATE \_\_\_\_\_ COMPANY NAME \_\_\_\_\_
ADDRESS \_\_\_\_\_
SIGNATURE AND TITLE \_\_\_\_\_

\*EXTRAS INCLUDE BUT ARE NOT LIMITED TO CHANGE ORDERS, BOTH ORAL AND WRITTEN, TO THE CONTRACT

CONTRACTOR'S AFFIDAVIT

STATE OF ILLINOIS
COUNTY OF \_\_\_\_\_

TO WHOM IT MAY CONCERN:
THE UNDERSIGNED, (NAME) \_\_\_\_\_ BEING DULY SWORN, DEPOSES
AND SAYS THAT HE OR SHE IS (POSITION) \_\_\_\_\_ OF
(COMPANY NAME) \_\_\_\_\_ WHO IS THE
CONTRACTOR FURNISHING \_\_\_\_\_ WORK ON THE BUILDING
LOCATED AT \_\_\_\_\_
OWNED BY \_\_\_\_\_

That the total amount of the contract including extras\* is \$ \_\_\_\_\_ on which he or she has received payment of
\$ \_\_\_\_\_ prior to this payment. That all waivers are true, correct and genuine and delivered unconditionally and that
there is no claim either legal or equitable to defeat the validity of said waivers. That the following are the names and addresses
of all parties who have furnished or delivered material or labor, or both, for said work and all parties having contracts or sub
contracts for specific portions of said work or for material entering into the construction thereof and the amount due or to
become due to each, and that the items mentioned include all labor and material required to complete said work according to
plans and specifications:

Table with 6 columns: NAMES AND ADDRESSES, WHAT FOR, CONTRACT PRICE INCLDG, AMOUNT PAID, THIS PAYMENT, BALANCE DUE. Includes a row for TOTAL LABOR AND MATERIAL INCLUDING EXTRAS\*.

That there are no other contracts for said work outstanding, and that there is nothing due or to become due to any person for
material, labor or other work of any kind done or to be done upon or in connection with said work other than above stated.

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

SUBSCRIBED AND SWORN TO BEFORE ME THIS \_\_\_\_\_ DAY OF \_\_\_\_\_

\*EXTRAS INCLUDE BUT ARE NOT LIMITED TO CHANGE
ORDERS, BOTH ORAL AND WRITTEN, TO THE CONTRACT.
NOTARY PUBLIC