

INVITATION TO BID

The Village of Hoffman Estates is accepting sealed bids for the proposed work officially known as the **2024 Storm Sewer Rehabilitation Project** and is located at various sites in Hoffman Estates.

Sealed proposals for the improvement described herein will be received at the Office of the Village Clerk of the Village of Hoffman Estates, Cook County, Illinois, **until 10:15 a.m., October 7, 2024**. All bids will be publicly opened immediately thereafter.

For work to be constructed under the provisions of the Standard Specifications for Road and Bridge Construction published by the Illinois Department of Transportation, current edition.

The proposed improvements include, but not limited to, the installation of cured-in-place pipe liner (CIPP), and other specified repairs, within existing corrugated metal pipe (CMP) storm sewer mains of various diameter sizes, and incidental items not listed herein.


Plans and proposal forms are available for download from the Village of Hoffman Estates website at www.hoffmanestates.org/business/rfps-rfqs-bids beginning Friday, September 20, 2024.

All proposals must be accompanied by a proposal guaranty as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals contained in the "Local Roads and Streets Recurring Special Provisions".

The Village of Hoffman Estates strongly encourages minority firms and women's business enterprises to apply. If subcontracts are to be let, the primary contractor shall take these same affirmative steps to solicit bids from minority and women's firms.

The Village of Hoffman Estates reserves the right to reject any or all proposals and waive any informality in bidding and to accept the proposal deemed most advantageous to it, all in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals contained in the "Local Roads and Streets Recurring Special Provisions".

By order of the President and Board of Trustees of the Village of Hoffman Estates.



Patty Richter
Village Clerk

Date of Publication: Friday, September 20, 2024



COVER SHEET

Proposal Submitted By:

Contractor's Name

Contractor's Address

City

State

Zip Code

STATE OF ILLINOIS

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Type of Funds

☐ Proposal Only ☒ Proposal and Plans ☐ Proposal only, plans are separate

Submitted/Approved

For Local Public Agency:

For a County and Road District Project

Submitted/Approved

Highway Commissioner Signature & Date

Submitted/Approved

County Engineer/Superintendent of Highways Signature & Date

For a Municipal Project

Submitted/Approved/Passed

Signature & Date

Official Title

Department of Transportation

Released for bid based on limited review

Regional Engineer Signature & Date

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Hoffman Estates	Cook	23708	Various

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of the Village Clerk

<u>1900 Hassell Road, Hoffman Estates, IL 60169</u>	until	<u>10:15 AM</u>	on	<u>10/07/24</u>
Address		Time		Date

Sealed proposals will be opened and read publicly at the office of Frank Alexa Training Room

<u>1900 Hassell Road, Hoffman Estates, IL 60169</u>	at	<u>10:15 AM</u>	on	<u>10/07/24</u>
Address		Time		Date

DESCRIPTION OF WORK

Location	Project Length
Various	1.31 miles

Proposed Improvement

Rehabilitation by lining of corrugated metal storm sewer pipes at various locations in Hoffman Estates.

1. Plans and proposal forms will be available in the office of

Plans and proposal forms are available for download from the Village of Hoffman Estates website at www.hoffmanestates.org/business/rfps-rfq-bids beginning

2. ☒ Prequalification

If checked, the 2 apparent as read low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57) in triplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and two originals with the IDOT District Office.

3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.

4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:

- Local Public Agency Formal Contract Proposal (BLR 12200)
- Schedule of Prices (BLR 12201)
- Proposal Bid Bond (BLR 12230) (if applicable)
- Apprenticeship or Training Program Certification (BLR 12325) (do not use for project with Federal funds.)
- Affidavit of Illinois Business Office (BLR 12326) (do not use for project with Federal funds)

5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.

6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case, be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.

7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.

8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.

9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Hoffman Estates	Cook	23708	Various

PROPOSAL

1. Proposal of _____

Contractor's Name _____

Contractor's Address _____
2. The plans for the proposed work are those prepared by the Village of Hoffman Estates
and approved by the Department of Transportation on _____.
3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the " Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.
4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.
5. The undersigned agrees to complete the work within _____ working days or by 06/30/25 unless additional time is granted in accordance with the specifications.
6. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond of check shall be forfeited to the Awarding Authority.
7. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the products of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price. A bid may be declared unacceptable if neither a unit price nor a total price is shown.
8. The undersigned submits herewith the schedule of prices on BLR 12201 covering the work to be performed under this contract.
9. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12201, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.
10. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond, if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to: Village of Hoffman Estates Treasurer of _____.
The amount of the check is _____ (_____).

Attach Cashier's Check or Certified Check Here

In the event that one proposal guaranty check is intended to cover two or more bid proposals, the amount must be equal to the sum of the proposal guaranties which would be required for each individual bid proposal. If the proposal guaranty check is placed in another bid proposal, state below where it may be found.

The proposal guaranty check will be found in the bid proposal for: Section Number _____.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Hoffman Estates	Cook	23708	Various

CONTRACTOR CERTIFICATIONS

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedure established by the appropriate Revenue Act, its liability for the tax or the amount of the tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.
2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

A violation of section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense, or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State of Local government. No corporation shall be barred from contracting with any unit of State or Local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that, it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.
4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be canceled.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Hoffman Estates	Cook	23708	Various

SIGNATURES

(If an individual)

Bidder Signature & Date

Business Address

City

State

Zip Code

(If a partnership)

Firm Name

Signature & Date

Title

Business Address

City

State

Zip Code

Insert the Names and Addresses of all Partners

(If a corporation)

Corporate Name

Signature & Date

Title

Business Address

City

State

Zip Code

Insert Names of Officers

President

Attest:

Secretary

Secretary

Treasurer



Contractor's Name

Contractor's Address

City

State

Zip Code

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

Schedule for Multiple Bids

Combination Letter	Section Included in Combinations	Total
<input type="text"/>	<input type="text"/>	<input type="text"/>

Schedule for Single Bid

(For complete information covering these items, see plans and specifications.)

Item Number	Items	Unit	Quantity	Unit Price	Total
X5430224	CUR-IN-PL PIPE LNR 24"	FOOT	1252		
X5430227	CUR-IN-PL PIPE LNR 27"	FOOT	336		
X5430230	CUR-IN-PL PIPE LNR 30"	FOOT	1598		
X5430233	CUR-IN-PL PIPE LNR 33"	FOOT	158		
X5430236	CUR-IN-PL PIPE LNR 36"	FOOT	2504		
X5430242	CUR-IN-PL PIPE LNR 42"	FOOT	510		
HE000001	TRIM PROTRUDING LATERAL	EACH	5		
HE000002	LATERAL REINSTATEMENT	EACH	5		
X5538000	HEAVY CLEANING SS	FOOT	1341		
X0426200	DEWATERING	LS	1		
HE701014	TRAF CONT PROT	LS	1		
Bidder's Total Proposal					

1. Each pay item should have a unit price and a total price.
2. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern.
3. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
4. A bid may be declared unacceptable if neither a unit price or total price is shown.



Local Public Agency	County	Section Number
Village of Hoffman Estates	Cook	00-00002-37-08

WE, _____ as PRINCIPAL, and
_____ as SURETY, are held jointly,

severally and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") in the penal sum of 5% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids, whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LPA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LPA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LPA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LPA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LPA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this _____ of _____
Day Month and Year

Principal

Company Name

Signature & Date

By:

Title

Company Name

Signature & Date

By:

Title

(If Principal is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

Surety

Name of Surety

Signature of Attorney-in-Fact Signature & Date

By:

STATE OF IL

COUNTY OF

I _____, a Notary Public in and for said county do hereby certify that

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____
Day Month and Year

(SEAL, if required by the LPA)

Notary Public Signature & Date

Date commission expires _____

Local Public Agency

County

Section Number

Village of Hoffman Estates

Cook

00-00002-37-08

ELECTRONIC BID BOND

☐ **Electronic bid bond is allowed (box must be checked by LPA if electronic bid bond is allowed)**

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LPA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

Electronic Bid Bond ID Code

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

Company/Bidder Name

--

Signature & Date

--

Title

--



Local Public Agency	County	Street Name/Road Name	Section Number
Village of Hoffman Estates	Cook	Various	00-00002-37-08

All contractors are required to complete the following certification

- ☐ For this contract proposal or for all bidding groups in this deliver and install proposal.
- ☐ For the following deliver and install bidding groups in this material proposal.

--

Illinois Department of Transportation policy, adopted in accordance with the provisions of the Illinois Highway Code, requires this contract to be awarded to the lowest responsive and responsible bidder. The award decision is subject to approval by the Department. In addition to all other responsibility factors, this contract or deliver and install proposal requires all bidders and all bidder's subcontractors to disclose participation in apprenticeship or training programs that are (1) approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training, and (2) applicable to the work of the above indicated proposals or groups. Therefore, all bidders are required to complete the following certification:

1. Except as provided in paragraph 4 below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.
2. The undersigned bidder further certifies, for work to be performed by subcontract, that each of its subcontractors either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.
3. The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.

--

4. Except for any work identified above, if any bidder or subcontractor shall perform all or part of the work of the contract or deliver and install proposal solely by individual owners, partners or members and not by employees to whom the payment of prevailing rates of wages would be required, check the following box, and identify the owner/operator workforces and positions of ownership. ☐

--

The requirements of this certification and disclosure are a material part of the contract, and the contractor shall require this certification provision to be included in all approved subcontracts. The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is accounted for and listed. The Department at any time before or afterward may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors. In order to fulfill the participation requirement, it shall not be necessary that any applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this contract or deliver and install proposal.

Bidder	Signature & Date						
<table border="1"><tr><td></td></tr></table>		<table border="1"><tr><td></td></tr></table>					
Title							
<table border="1"><tr><td></td></tr></table>							
Address	City	State	Zip Code				
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Local Public Agency	County	Street Name/Road Name	Section Number
Village of Hoffman Estates	Cook	Various	00-00002-37-08

I, _____ of _____, _____,
Name of Affiant City of Affiant State of Affiant
being first duly sworn upon oath, state as follows:

1. That I am the _____ of _____.
Officer or Position Bidder
2. That I have personal knowledge of the facts herein stated.
3. That, if selected under the proposal described above, _____, will maintain a business office in the
Bidder
State of Illinois, which will be located in _____ County, Illinois.
County
4. That this business office will serve as the primary place of employment for any persons employed in the construction contemplated by this proposal.
5. That this Affidavit is given as a requirement of state law as provided in Section 30-22(8) of the Illinois Procurement Code.

Signature & Date

--

Print Name of Affiant

--

Notary Public

State of IL

County _____

Signed (or subscribed or attested) before me on _____ by
(date)

_____, authorized agent(s) of
(name/s of person/s)

Bidder

Notary Public Signature & Date

--

(SEAL)

My commission expires _____

INDEX FOR SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2024

This index contains a listing of SUPPLEMENTAL SPECIFICATIONS, frequently used RECURRING SPECIAL PROVISIONS, and LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS.

ERRATA Standard Specifications for Road and Bridge Construction
(Adopted 1-1-22) (Revised 1-1-24)

SUPPLEMENTAL SPECIFICATIONS

<u>Std. Spec. Sec.</u>	<u>Page No.</u>
202 Earth and Rock Excavation	1
204 Borrow and Furnished Excavation	2
207 Porous Granular Embankment	3
211 Topsoil and Compost	4
407 Hot-Mix Asphalt Pavement (Full-Depth)	5
420 Portland Cement Concrete Pavement	6
502 Excavation for Structures	7
509 Metal Railings	8
540 Box Culverts	9
542 Pipe Culverts	29
586 Granular Backfill for Structures	34
630 Steel Plate Beam Guardrail	35
644 High Tension Cable Median Barrier	36
665 Woven Wire Fence	37
782 Reflectors	38
801 Electrical Requirements	40
821 Roadway Luminaires	43
1003 Fine Aggregates	44
1004 Coarse Aggregates	45
1010 Finely Divided Minerals	46
1020 Portland Cement Concrete	47
1030 Hot-Mix Asphalt	48
1061 Waterproofing Membrane System	49
1067 Luminaire	50
1097 Reflectors	57

LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS

Table of Contents

<u>CHECK SHEET #</u>	<u>PAGE NO.</u>
LRS1 Reserved	153
LRS2 Furnished Excavation	154
LRS3 Work Zone Traffic Control Surveillance	155
LRS4 Flaggers in Work Zones	156
LRS5 Contract Claims	157
LRS6 Bidding Requirements and Conditions for Contract Proposals	158
LRS7 Bidding Requirements and Conditions for Material Proposals	164
LRS8 Reserved	170
LRS9 Bituminous Surface Treatments	171
LRS10 Reserved	175
LRS11 Employment Practices	176
LRS12 Wages of Employees on Public Works	178
LRS13 Selection of Labor	180
LRS14 Paving Brick and Concrete Paver Pavements and Sidewalks	181
LRS15 Partial Payments	184
LRS16 Protests on Local Lettings	185
LRS17 Substance Abuse Prevention Program	186
LRS18 Multigrade Cold Mix Asphalt	187
LRS19 Reflective Crack Control Treatment	188



Local Public Agency

County

Section Number

Village of Hoffman Estates

Cook

00-00002-37-08

☐ **Check this box for lettings prior to 01/01/2024.**

The Following Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
1	<input type="checkbox"/> Additional State Requirements for Federal-Aid Construction Contracts	59
2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts)	62
3	<input type="checkbox"/> EEO	63
4	<input type="checkbox"/> Specific EEO Responsibilities Non Federal-Aid Contracts	73
5	<input type="checkbox"/> Required Provisions - State Contracts	78
6	<input type="checkbox"/> Asbestos Bearing Pad Removal	84
7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos HMA Surface Removal	85
8	<input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads	86
9	<input type="checkbox"/> Construction Layout Stakes	87
10	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing	90
11	<input type="checkbox"/> Subsealing of Concrete Pavements	92
12	<input type="checkbox"/> Hot-Mix Asphalt Surface Correction	96
13	<input type="checkbox"/> Pavement and Shoulder Resurfacing	98
14	<input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal	99
15	<input type="checkbox"/> Polymer Concrete	101
16	<input type="checkbox"/> Reserved	103
17	<input type="checkbox"/> Bicycle Racks	104
18	<input type="checkbox"/> Temporary Portable Bridge Traffic Signals	106
19	<input type="checkbox"/> Nighttime Inspection of Roadway Lighting	108
20	<input type="checkbox"/> English Substitution of Metric Bolts	109
21	<input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete	110
22	<input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant	111
23	<input type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures	119
24	<input type="checkbox"/> Reserved	135
25	<input type="checkbox"/> Reserved	136
26	<input type="checkbox"/> Temporary Raised Pavement Markers	137
27	<input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam	138
28	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay	141
29	<input type="checkbox"/> Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	145
30	<input type="checkbox"/> Longitudinal Joint and Crack Patching	148
31	<input type="checkbox"/> Concrete Mix Design - Department Provided	150
32	<input type="checkbox"/> Station Numbers in Pavements or Overlays	151

Local Public Agency	County	Section Number
Village of Hoffman Estates	Cook	00-00002-37-08

The Following Local Roads And Streets Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Local Roads And Streets Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
LRS 1	Reserved	153
LRS 2	<input type="checkbox"/> Furnished Excavation	154
LRS 3	<input checked="" type="checkbox"/> Work Zone Traffic Control Surveillance	155
LRS 4	<input checked="" type="checkbox"/> Flaggers in Work Zones	156
LRS 5	<input checked="" type="checkbox"/> Contract Claims	157
LRS 6	<input checked="" type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals	158
LRS 7	<input checked="" type="checkbox"/> Bidding Requirements and Conditions for Material Proposals	164
LRS 8	Reserved	170
LRS 9	<input type="checkbox"/> Bituminous Surface Treatments	171
LRS 10	Reserved	175
LRS 11	<input checked="" type="checkbox"/> Employment Practices	176
LRS 12	<input checked="" type="checkbox"/> Wages of Employees on Public Works	178
LRS 13	<input checked="" type="checkbox"/> Selection of Labor	180
LRS 14	<input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks	181
LRS 15	<input checked="" type="checkbox"/> Partial Payments	184
LRS 16	<input checked="" type="checkbox"/> Protests on Local Lettings	185
LRS 17	<input checked="" type="checkbox"/> Substance Abuse Prevention Program	186
LRS 18	<input type="checkbox"/> Multigrade Cold Mix Asphalt	187
LRS 19	<input type="checkbox"/> Reflective Crack Control Treatment	188

BDE SPECIAL PROVISIONS
For the April 26 and June 14, 2024 Lettings

The following special provisions indicated by a “check mark” are applicable to this contract and will be included by the Project Coordination and Implementation Section of the Bureau of Design & Environment (BDE).

File Name	#		Special Provision Title	Effective	Revised
	80099	1	<input type="checkbox"/> Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2022
	80274	2	<input type="checkbox"/> Aggregate Subgrade Improvement	April 1, 2012	April 1, 2022
	80192	3	<input type="checkbox"/> Automated Flagger Assistance Devices	Jan. 1, 2008	April 1, 2023
	80173	4	<input type="checkbox"/> Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
	80426	5	<input type="checkbox"/> Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	Jan. 1, 2022
*	80241	6	<input type="checkbox"/> Bridge Demolition Debris	July 1, 2009	
*	50531	7	<input type="checkbox"/> Building Removal	Sept. 1, 1990	Aug. 1, 2022
*	50261	8	<input type="checkbox"/> Building Removal with Asbestos Abatement	Sept. 1, 1990	Aug. 1, 2022
	80449	9	<input type="checkbox"/> Cement, Type IL	Aug. 1, 2023	
	80384	10	<input type="checkbox"/> Compensable Delay Costs	June 2, 2017	April 1, 2019
*	80198	11	<input type="checkbox"/> Completion Date (via calendar days)	April 1, 2008	
*	80199	12	<input type="checkbox"/> Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80453	13	<input type="checkbox"/> Concrete Sealer	Nov. 1, 2023	
	80261	14	<input type="checkbox"/> Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
	80434	15	<input type="checkbox"/> Corrugated Plastic Pipe (Culvert and Storm Sewer)	Jan. 1, 2021	
*	80029	16	<input type="checkbox"/> Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Mar. 2, 2019
	80229	17	<input type="checkbox"/> Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
	80452	18	<input type="checkbox"/> Full Lane Sealant Waterproofing System	Nov. 1, 2023	
	80447	19	<input type="checkbox"/> Grading and Shaping Ditches	Jan. 1, 2023	
	80433	20	<input type="checkbox"/> Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
	80443	21	<input type="checkbox"/> High Tension Cable Median Barrier Removal	April 1, 2022	
	80456	22	<input type="checkbox"/> Hot-Mix Asphalt	Jan. 1, 2024	
	80446	23	<input type="checkbox"/> Hot-Mix Asphalt - Longitudinal Joint Sealant	Nov. 1, 2022	Aug. 1, 2023
	80438	24	<input type="checkbox"/> Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	April 2, 2024
	80045	25	<input type="checkbox"/> Material Transfer Device	June 15, 1999	Jan. 1, 2022
	80450	26	<input type="checkbox"/> Mechanically Stabilized Earth Retaining Walls	Aug. 1, 2023	
	80441	27	<input type="checkbox"/> Performance Graded Asphalt Binder	Jan. 1, 2023	
	80451	28	<input type="checkbox"/> Portland Cement Concrete	Aug. 1, 2023	
*	34261	29	<input type="checkbox"/> Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
	80455	30	<input type="checkbox"/> Removal and Disposal of Regulated Substances	Jan. 1, 2024	April 1, 2024
	80445	31	<input type="checkbox"/> Seeding	Nov. 1, 2022	
	80457	32	<input type="checkbox"/> Short Term and Temporary Pavement Markings	April 1, 2024	
	80448	33	<input type="checkbox"/> Source of Supply and Quality Requirements	Jan. 2, 2023	
	80340	34	<input type="checkbox"/> Speed Display Trailer	April 2, 2014	Jan. 1, 2022
	80127	35	<input type="checkbox"/> Steel Cost Adjustment	April 2, 2004	Jan. 1, 2022
	80397	36	<input type="checkbox"/> Subcontractor and DBE Payment Reporting	April 2, 2018	
	80391	37	<input type="checkbox"/> Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
	80437	38	<input type="checkbox"/> Submission of Payroll Records	April 1, 2021	Nov. 2, 2023
	80435	39	<input type="checkbox"/> Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2023
	80410	40	<input type="checkbox"/> Traffic Spotters	Jan. 1, 2019	
*	20338	41	<input type="checkbox"/> Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
	80429	42	<input type="checkbox"/> Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
	80439	43	<input type="checkbox"/> Vehicle and Equipment Warning Lights	Nov. 1, 2021	Nov. 1, 2022
	80302	44	<input type="checkbox"/> Weekly DBE Trucking Reports	June 2, 2012	Nov. 1, 2021
	80454	45	<input type="checkbox"/> Wood Sign Support	Nov. 1, 2023	
	80427	46	<input type="checkbox"/> Work Zone Traffic Control Devices	Mar. 2, 2020	
*	80071	47	<input type="checkbox"/> Working Days	Jan. 1, 2002	

Highlighted items indicate a new or revised special provision for the letting.

An * indicates the special provision requires additional information from the designer, which needs to be submitted separately. The Project Coordination and Implementation Section will then include the information in the applicable special provision.

The following special provisions are in the 2024 Supplemental Specifications and Recurring Special Provisions.

<u>File Name</u>	<u>Special Provision Title</u>	<u>New Location(s)</u>	<u>Effective</u>	<u>Revised</u>
80436	Blended Finely Divided Minerals	Articles 1010.01 & 1010.06	April 1, 2021	
80440	Waterproofing Membrane System	Article 1061.05	Nov. 1, 2021	

2024 Storm Sewer Rehabilitation Project
SPECIAL PROVISIONS INDEX

SPECIAL PROVISIONS TITLE	PAGE
Definition	1
Project Description	1
Scope of Work	1
General	2
Project Supervisor	2
Resident Notification	2
Permitted Hours of Work	2
Project Schedule	2
Items Included in the Cost of Other Items	3
Application for Payment	4
Retainage	4
Accident Reporting	5
General Contractor or Subcontractor Hold Harmless Agreement	5
Maintenance of Roadways	5
Traffic Control Plan	5
Trees and Shrubs	6
Available Reports	7
Cured-in-Place Pipe Liner	7
Heavy Cleaning of Storm Sewers	9
Trim Protruding Lateral	10
Lateral Reinstatement	10
Dewatering	10
Traffic Control and Protection	11
Public Convenience and Safety (D-1)	12
LR107-4	13
Work Zone Traffic Control Devices (BDE)	14
Pipe Schedule	16
Plan location Maps	17
IDOT Highway Traffic Control and Protection Standards	33
Sales Tax Exemption Number Authorization Form	41
Village of Hoffman Estates Material and Estimated Quantities Attachment	42

VILLAGE OF HOFFMAN ESTATES
2024 STORM SEWER REHABILITATION PROJECT

SPECIAL PROVISIONS

The following Special Provisions supplement the “Standard Specifications for Road and Bridge Construction”, adopted January 1, 2022 (hereinafter referred to as the “Standard Specifications”), the latest edition of the “Manual on Uniform Traffic Control Devices for Streets and Highways”, and the “Manual of Test Procedures of Materials” in effect on the date of invitation of bids, and the “Supplemental Specifications and Recurring Special Provisions” indicated on the Check Sheet included herein, which apply to and govern the construction of Project Number 23708, in Hoffman Estates, Cook County, and in case of conflict with any part, or parts, of said specifications, the said Special Provisions shall take precedence and shall govern.

DEFINITION

When referring to the "Department" or "State" in all IDOT Specifications and Special Provisions, the Contractor should be aware that this also means the Village of Hoffman Estates, its agents and/or representatives.

PROJECT DESCRIPTION

This Specification covers all work necessary to complete specified repairs of the Village’s storm sewer system. The Contractor shall provide all materials, labor, equipment, and services necessary for traffic control, cleaning and television inspection of sewers to be lined, bypass pumping and/or diversion of sewage flows, CIPP installation (including installation from easements), reconnection of sewer laterals, final television inspection of the lined sewer mains, warranty work, and all other materials, equipment, and procedures necessary to complete the work specified herein.

SCOPE OF WORK

The intent of the contract is to provide a complete outline of the work that the Contractor undertakes in full compliance with the plans and specifications. The Contractor shall perform the installation of cured-in-place pipe liner (CIPP), and other specified repairs, within existing corrugated metal pipe (CMP) storm sewer mains of various diameter sizes, and such additional, extra, and incidental construction as may be necessary to complete the work in an acceptable manner. Due to budgetary constraints, the Village may increase or decrease contract quantities or remove locations of work. No compensation shall be provided to the contractor for any mobilization costs, specifically for changes to quantities.

GENERAL

The Contractor is herein notified that the Village of Hoffman Estates will require that any questions or clarifications on the contract documents must be made in writing at least three working days prior to the bid opening. No questions or clarifications received after that time will be responded to by the Village. All Contractors who submitted authorization to bid will receive written responses to all inquiries made by all contractors during the bid process no later than two working days prior to the bid opening.

PROJECT SUPERVISOR

The Contractor shall designate an employee as Project Supervisor. The Project Supervisor shall be required to assume the responsibility for general supervision of the Contractor and subcontractors' operations. The Project Supervisor and the Engineer shall work together to properly control and complete the work for the proposed improvements.

The Project Supervisor is responsible for distribution of the plans to the appropriate construction personnel. Failure of the appropriate construction personnel, doing the actual construction, to have a set of plans with them will be considered cause for stoppage of the construction work from proceeding.

RESIDENT NOTIFICATION

The Contractor shall be responsible for providing written notification to all residents within the project limits. Notification must be given as follows:

Three (3) days prior to work commencing

The Village will provide the Contractor with sample notification letters. The Engineer must approve any deviations from this format.

PERMITTED HOURS OF WORK

The Hoffman Estates Municipal Code restricts all construction activity within 500 yards of a residence to the period from 7:00 a.m. to 7:00 p.m. on weekdays and 8:00 a.m. to 6:00 p.m. on weekends and all construction activity greater than 500 yards of a residence to the period from 7:00 a.m. to 10:00 p.m. on weekdays and 8:00 a.m. to 10:00 p.m. on weekends.

PROJECT SCHEDULE

Prior to commencing construction operations, the Contractor shall meet with the Engineer for the purposes of a preconstruction meeting and present, in writing, his proposed construction schedule for installation of CIPP in accordance with article 108.02 of the Standard Specifications. Once

approved, the Contractor must adhere to the schedule so that resident notification and field markings of all items of work may proceed in advance of actual construction.

ITEMS INCLUDED IN THE COST OF OTHER ITEMS

The Contractor's attention is called to several specific work items as noted on the Contract Plans and Special Provisions and in addition to the lists in the Standard Specifications. Listed below is a listing of these items for general information only. The list is not intended to be all-inclusive and, therefore, the Contractor is responsible to perform all work according to the Plans, Special Provisions and the Standard Specifications.

- The contractor shall maintain all drainage facilities during construction and shall repair any drainage facilities damaged during construction. Cost of this work shall be included in the cost of applicable pay items.
- Whenever, during construction operations, any loose material is deposited in the flow line of drainage structures, ditches, gutters, etc. such that the natural flow of water is obstructed, the loose material will be removed at the close of each working day. At the conclusion of construction operations, all drainage structures and flow lines shall be free from dirt and debris. This work shall be considered included in the cost of the contract.
- The Contractor shall be responsible for restoration of damage to pavement, curb & gutter, sidewalk, driveways not specified on plans caused by work activities, site access, or staging. Areas shall be restored to equal or better than existing conditions as directed by the Engineer. This work shall not be paid for separately but shall be included in the cost of the contract.
- Any restoration of lawns, parkways, and other grassed areas disturbed as a result of the work, including topsoil, fertilizer, erosion control materials, sodding, and maintenance to guarantee uniform growth of the seeded areas shall be the responsibility of the contractor. Any areas not deemed to have acceptable growth by the Engineer shall be reseeded, at no additional cost, regardless of the original planting time.
- The contractor shall be required to move, secure, and store any decorative rocks, paver bricks, sprinkler heads, fencing, or landscape items that interfere with construction. Upon completion of the construction, the contractor shall move these items back to their original location and in their original condition. Damaged items must be replaced in-kind. Sprinkler irrigation lines may be repaired with sleeves. Additional restoration may be required to ensure positive drainage for impacted brick paver driveways, aprons, or walkways adjacent to work. This work will be considered included in the cost of the associated pay item that interfered with these features.
- It is the responsibility of the contractor to protect all pavement openings, open holes, equipment, and rubble. Open holes shall not be allowed during non-working hours. All open holes shall be backfilled or covered with steel plates at the end of each working day.

The contractor shall maintain high visibility of all temporary hazards to pedestrians and motorists. This work will be considered included in the cost of the associated pay items.

- The locations of public or private utilities shown on the plans are approximate and the village does not guarantee their accuracy. The contractor shall have the respective utility company field locate all their facilities prior to beginning construction. The contractor shall cooperate with all utility owners in accordance with Standard Specifications, if utility relocation, adjustment, or protection is necessary. The Village of Hoffman Estates cannot be held responsible and charged by the contractor for any time delays. The contractor shall also verify the depths of the existing utilities if necessary to verify that grade conflicts will not occur with any proposed construction. Any relocation or lowering of utilities shall be coordinated by the contractor. The cost of this exploration shall be included in the cost of associated pay items.

APPLICATION FOR PAYMENT

A written application for payment for work completed shall be submitted to the Village by the Contractor not more than once monthly on a date specified by the Village. The Contractor must submit Partial Waivers of Lien from all subcontractors and suppliers for all materials and labor involved, in the amount of the sum total of the application for payment. When the request for final payment is made, Final Waivers of Lien shall be supplied by the Contractor, subcontractors and all firms which supplied materials or services under this Contract, agreeing that said Contract has been performed, constructed, finished and delivered to the Village free from all claims, liens or charges in the nature of mechanics' liens either in favor of the Contractor or any party, firm or corporation entitled to such lien. The Contractor shall furnish an affidavit stating that all Waivers submitted are the total amount of Waivers required to be submitted. No applications for payment shall be submitted by the Engineer to the Village unless the required Waivers are supplied. Waivers must be furnished by the Contractor to the Engineer at least five days prior to the application for payment submittal date. All contractors and subcontractors shall comply with all applicable state and federal laws including, but not limited to, the Illinois Prevailing Wage Act. Certified Payroll is required from the Contractor and from all subcontractors before payment is released. Failure of the Contractor to submit correct Waivers of Lien at the required time may cause a delay in payment. The issuance of payments for work performed shall in no way lessen the responsibilities of the Contractor.

RETAINAGE

Retainage will be held in the amount of ten percent (10%) of the completed work for the first 50 percent of the contract. After 50 percent or more of the work is completed, retainage will be held in the amount of 5 percent. After 75 percent or more of the work is completed, retainage will be held at 5 percent or lower, at the discretion of the Engineer. Retainage will be withheld until all work and punch list deficiencies are completed to the satisfaction of the Engineer.

ACCIDENT REPORTING

All accidents occurring on the job which damage public or private property, or result in injuries to worker or other persons, shall be promptly reported to the Engineer and Police Department. Accidents involving utilities shall also be reported to the appropriate utility. This applies to all accidents, including, but not limited to, traffic accidents, broken pipelines, power and telephone facilities, and damage to adjacent properties.

GENERAL CONTRACTOR OR SUBCONTRACTOR HOLD HARMLESS AGREEMENT

The Contractor shall indemnify and hold harmless the Municipality, its agents, and its employees from and against all claims for personal injury or property damage, including claims against the Village, its agents, or servants, arising out of the Illinois Structural Work Act, and all losses and expenses, including attorney's fees that may be incurred by the Village, defending such claims, arising out of or resulting from the performance of the work and caused in whole or in part by any negligent act or omission of the Contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by the party indemnified hereunder. In any and all claims against the Village or any of its agents, or servants by an employee of a Contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under this paragraph shall not be limited in any way by any limitation on the amount or type of damages, compensation of benefits payable by or for the Contractor or subcontractor under Workers' Compensation Acts, Disability Acts, or their Employee Benefit Acts.

MAINTENANCE OF ROADWAYS

Effective: September 30, 1985

Revised: November 1, 1996

Beginning on the date that work begins on this project, the Contractor shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the Engineer, but shall not include snow removal operations. Traffic control and protection for maintenance of roadways will be provided by the Contractor as required by the Engineer.

If items of work have not been provided in the contract, or otherwise specified for payment, such items, including the accompanying traffic control and protection required by the Engineer, will be paid for in accordance with Article 109.04 of the Standard Specifications.

TRAFFIC CONTROL PLAN

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

Special attention is called to Article 107.09 of the Standard Specifications and the following IDOT Highway Standards, Details, and Special Provisions contained herein, relating to traffic control.

STANDARDS: 701006-05, 701501-06, 701801-06, 701901-08

DETAILS: Traffic Control and Protection for Side Roads, Intersections, and Driveways (TC-10)

SPECIAL PROVISIONS:

- Maintenance of Roadways
- Traffic Control and Protection
- Public Convenience and Safety (District 1)
- Work Zone Traffic Control Surveillance (LRS 3)
- Flaggers in Work Zones (LRS 4)

The contractor shall notify the Engineer at least 72 hours in advance of any change in traffic staging.

BASIS OF PAYMENT: All traffic control and protection will be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION.

TREES AND SHRUBS

Every effort shall be made by the Contractor when working near trees and shrubs to preserve same from harm. No trees or shrubs shall be removed unless so indicated on the Plans or as authorized in the field by the Engineer. The Contractor shall be responsible for damage to or loss of any tree or shrub not specifically designated to be removed.

Wherever trees, which are not permitted to be removed, interfere with normal excavation procedures, the following shall govern. No machine excavation shall be made within a distance of three trunk diameters or 12 inches (whichever is greater) of any tree, and no roots over two inches in diameter shall be cut unless, in the opinion of the Engineer, it is impossible to complete the work without cutting. Excavation closer than three trunk diameters or 12 inches (whichever is greater) from any tree shall be performed by hand.

Damage to tree limbs shall be held to a minimum. Shrubs and tree limbs shall be tied back wherever necessary to prevent their loss or damage. Wherever damage by construction equipment to limbs and branches is unavoidable, they shall be pruned before starting work and sealed in accordance with best forestry practice.

Wherever necessary, the Contractor shall provide lath or plank wrappers wired in place to protect tree trunks from being damaged by trench machinery, tractors or trucks. Protective wrappers shall be removed as soon as practical after the work in the vicinity has been completed. In removing soil banks from around trees, handwork will be required as necessary to prevent trunk damage by construction machinery.

Small trees (less than four inches in diameter) and shrubs not indicated for removal, which are removed or severely damaged during construction, shall be replaced in kind and size by the Contractor. Trees larger than one inch in diameter shall be furnished balled and burlapped. The Contractor shall have the option of removing and replanting existing small trees and shrubs in the construction zone in lieu of replacement with new stock. All planting shall be done in accordance with Section 253 of the Standard Specifications.

Damages at the rate of sixty-five dollars (\$65.00) per inch of trunk diameter shall be charged against the Contractor for unauthorized removal or destruction of any tree four inches in diameter or larger. No penalty will apply for removal of trees where removal is indicated on the Plans or authorized by the Engineer.

AVAILABLE REPORTS

☐ No project specific reports were prepared.

When applicable, the following checked reports and record information is available for Bidders' reference upon request:

X Televising Reports and videos

Those seeking these reports should request access from:

Oscar Gomez, Civil Engineer II, Village of Hoffman Estates
847-252-5804, oscar.gomez@vohe.org

CURED-IN-PLACE PIPE LINER

Description. This work shall consist of installing cured-in-place pipe (CIPP) liners to rehabilitate pipe culverts or storm sewers.

Materials. Resin-impregnated flexible tubes or pipes shall be according to ASTM D 5813. Upon delivery of materials to the jobsite, the Contractor shall furnish independent test reports from the supplier showing the physical properties of the CIPP liner meets the material requirements of the applicable ASTM documents for the proposed liner.

Construction Requirements. Installation of the CIPP liner shall consist of a resin impregnated flexible tube or pipe being inverted or pulled into the host pipe and expanded to conform to the interior of the host pipe. The resin impregnated tube shall then be cured in place, creating a continuous structural liner within the host pipe.

The Contractor shall submit the following to the Engineer for approval, at least 15 days prior to the start of work:

- (a) References. A list containing at least three projects completed within the last three years prior to this project's bid date in which the Contractor performing this work has installed

CIPP liners. The list of projects shall contain names and phone numbers of representatives who can verify the Contractor's participation on those projects.

- (b) Experience. Name and experience record of the CIPP liner supervisor
- (c) Materials. Manufacturer's published literature for the proposed CIPP liner.
- (d) Installation Procedure. Proposed methods of water diversion, cleaning and preparation of the existing culvert, ASTM standard for the proposed CIPP liner, setup locations for pulling or inverting the CIPP liner, testing and inspection methods, and final clean-up operations. Quality control procedures for conformance with applicable water testing and stormwater management requirements.

The Contractor shall submit a design report for each CIPP liner in the Contract, sealed by an Illinois licensed Structural Engineer, prior to the installation of the respective CIPP liner. Prior to completion of the design report, the Contractor shall clean and inspect the host pipe as described in the installation procedure. The Contractor shall provide a recording of the inspection to the Engineer. Authorization from the Engineer shall be requested to clear any obstructions not able to be removed by conventional sewer cleaning equipment.

The design report shall be submitted to the Engineer for approval prior to installation and include the following.

- (a) The anticipated length and diameter of CIPP liner.
- (b) The location and characteristics of cavities in and around the existing structure, and the location and quantity of any additional materials required, such as grout, pea gravel, or flowable backfill, to repair the existing structure and fill these cavities.
- (c) The location of any deformities such as jagged edges that may impact the liner installation or its function, and a plan to correct the deformities.
- (d) Design calculations and required in-place liner thickness of the CIPP liner. The wall thickness shall be calculated using the methodology provided in the applicable ASTM standard practice for the approved CIPP liner. The design loads shall be as per the AASHTO LRFD Bridge Design Specifications. The host pipe shall be considered fully deteriorated. The proposed CIPP liner shall have a 50-year design life, with a factor of safety of two (2).
- (e) The final in-place hydraulic opening shape and dimensions of the CIPP liner.

Liner shall not be installed until the design report has been approved by the Engineer. Liner shall not be installed if rain is in the forecast on the day of installation.

After completion of the design report, but prior to installation of the CIPP liner, the Contractor shall confirm the host pipe is in suitable condition for the installation of the proposed CIPP system.

Pipes shall be drained and flow shall be diverted.

The CIPP shall be installed according to ASTM F 1216, ASTM F 1743, or ASTM F 2019.

A resin impregnated sample (wick) shall be provided by the Contractor to provide verification of the curing process taking place in the host pipe.

The CIPP wall thickness installed by the Contractor shall be the Required In-Place Liner Thickness calculated in the design report, with allowable tolerances as per the applicable ASTM documents. Measured sample thickness will not include any portion not considered by the Engineer to be considered a structural component of the system.

The Contractor shall inspect the CIPP liner and provide the Engineer with a recording showing and describing the entire length of the completed liner. Any excessive wrinkling or damaged CIPP liner areas shall be repaired or modified to the satisfaction of the Engineer.

Method of Measurement. This work will be measured for payment in place in feet. When the CIPP enters a manhole, inlet, or catch basin, the measurement will end at the inside wall of the manhole, inlet, or catch basin.

Basis of Payment. This work will be paid for at the contract unit price per foot for CURED-IN-PLACE PIPE LINER, of the diameter specified.

Debris removal requiring equipment beyond conventional sewer cleaning equipment, prior to the installation of the CIPP liner will be paid for according to pay item HEAVY CLEANING OF STORM SEWERS.

HEAVY CLEANING OF STORM SEWERS

This work consists of heavy cleaning equipment to remove large deposits of debris, root growth, mineral deposits, bricks/concrete, and others from storm sewers. Heavy cleaning is defined as additional debris to be removed from the sewer after three passes of the jetter. Bucket machines, scrapers and higher jetting equipment can be utilized in this heavy duty cleaning.

Contractor shall be responsible for disposing of all debris and material removed from the heavy cleaning procedure. No debris is to be left in the sewer structure, pipes, or passed downstream.

This Pay Item also includes removal of roots and mineral deposits that protrude more than one inch into the pipe using a cutter.

Payment will only be made after visual justification of the need for heavy cleaning and/or root/mineral deposits by recording the problem on the television inspection after three passes of the jetter, before heavy cleaning is performed.

The work of this pay item will be paid for the Contract Unit Price per foot for HEAVY CLEANING AND OF STORM SEWERS which price shall include all labor, equipment, disposal and incidentals to complete the work described above.

TRIM PROTRUDING LATERAL

This work consists of grinding or cutting pipe connections that protrude more than 1/2 inch into the storm sewer from a break-in connection to be flush with the interior contour of the existing pipe. The contractor shall utilize a remote grinding/cutting device specifically designed to remove concrete, vitrified clay, PVC, and other types of pipe materials.

This work will be paid for the Contract Unit Price for each TRIM PROTRUDING LATERAL.

LATERAL REINSTATEMENT

The work of the Pay Item consists of reinstatement of lateral pipe connections as specified. After the liner has been cured, the Contractor shall reinstate all existing service connections as designated by the Engineer. This shall be done in the case of nonman entry pipes, from the interior of the pipeline by means of a television camera and a cutting device that reestablishes them to not less than 90% capacity. The Engineer shall have the authority to direct the Contractor not to reinstate existing service connections. If excavations are required, they shall be done at no additional cost to the Owner. Service reinstatement shall be completed as soon as the liner has cured

This work shall be paid for the contract Unit Price for each LATERAL REINSTATEMENT.

DEWATERING

This work shall consist of dewatering the construction area for the installation of the CIPP liner of the storm sewer using a method meeting the approval of the Engineer and the permitted requirements of the project. The Contractor shall be responsible for diverting the water flow from the storm pipes a method meeting the approval of the Engineer. This work shall include all labor, materials, and equipment to dewater the work area.

All work shall be performed in accordance with Article 502.06 of the Standard Specifications, except as modified herein or as directed by the Engineer. All in-stream construction activities shall be performed in compliance with Storm Water Pollution Prevention Plan for dewatering to any watercourse, prevention of stream degradation, and erosion and sediment control. After construction of the dewatering structure, the Contractor shall remove water from within the construction limits by draining, pumping, or other acceptable means, and maintain dry working conditions during construction. After construction activities have been completed, the Contractor shall remove the structures to the acceptability of the Engineer.

Dewatering shall consist of any cofferdam, temporary dike or engineered structure, including, but not limited to, sandbags, driven sheet pile, etc., as approved by the Engineer. The structure shall prevent water from entering the construction area. Cofferdams shall be placed in accordance with the Illinois Urban Manual Practice Standard for Cofferdams (Code 803). If sandbags are used to construct a cofferdam, they must be wrapped with an impermeable liner, as described in Impermeable Barrier Material per the IUM standard.

Care shall be taken when installing and removing temporary works to limit unnecessary agitation of sediment into the channel for any temporary work taking place.

Methods used shall be done within the limits of existing right-of-way or easements.

Dewatering plans shall be able to accommodate any flow event by allowing water to return to the natural channel. Flooding of adjacent property will not be allowed. Any damage to the work previously completed by the Contractor by any flow event shall be repaired to the satisfaction of the Engineer. Repairing damage caused by any flow event will not be grounds for extra compensation.

Whenever possible, work should be scheduled for low flow seasons. Normal flow should be conveyed past the work area by means of a pump bypass or cofferdam diversion. All such bypasses should be completed and stabilized prior to diverting flow.

The dewatering system shall not be the cause of flooding of adjacent property.

The Contractor shall submit plans, showing a sequence of work, design and construction methods, and a description of materials and equipment used to complete the construction of the dewatering structure. Dewatering plans shall be submitted prior to the start of any construction activities take place.

This work will be paid for at the contract Lump Sum price for DEWATERING.

TRAFFIC CONTROL AND PROTECTION

Traffic Control and Protection shall be provided as called for in the plans, details, Special Provisions, Highway Standards, applicable sections of the Standard Specifications, or as directed by the Engineer. The work shall be performed in accordance applicable portions of Section 701 of the Standard Specifications.

This work shall be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION which price shall include all labor, materials, transportation, handling, and incidentals necessary to furnish, install, maintain, replace, relocate, and remove all traffic control devices indicated in the plans and specifications.

PUBLIC CONVENIENCE AND SAFETY (D1)

Effective: May 1, 2012

Revised: July 15, 2012

Add the following to the end of the fourth paragraph of Article 107.09:

“If the holiday is on a Saturday or Sunday, and is legally observed on a Friday or Monday, the length of Holiday Period for Monday or Friday shall apply.”

Add the following sentence after the Holiday Period table in the fourth paragraph of Article 107.09:

“The Length of Holiday Period for Thanksgiving shall be from 5:00 AM the Wednesday prior to 11:59 PM the Sunday After”

Delete the fifth paragraph of Article 107.09 of the Standard Specifications:

“On weekends, excluding holidays, roadways with Average Daily Traffic of 25,000 or greater, all lanes shall be open to traffic from 3:00 P.M. Friday to midnight Sunday except where structure construction or major rehabilitation makes it impractical.”

State of Illinois
Department of Transportation
Bureau of Local Roads and Streets

SPECIAL PROVISION
FOR
INSURANCE

Effective: February 1, 2007

Revised: August 1, 2007

All references to Sections or Articles in this specification shall be construed to mean specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

The Contractor shall name the following entities as additional insured under the Contractor's general liability insurance policy in accordance with Article 107.27:

The entities listed above and their officers, employees, and agents shall be indemnified and held harmless in accordance with Article 107.26.

WORK ZONE TRAFFIC CONTROL DEVICES (BDE)

Effective: March 2, 2020

Add the following to Article 701.03 of the Standard Specifications:

“(q) Temporary Sign Supports 1106.02”

Revise the third paragraph of Article 701.14 of the Standard Specifications to read:

“For temporary sign supports, the Contractor shall provide a FHWA eligibility letter for each device used on the contract. The letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device. The signs shall be supported within 20 degrees of vertical. Weights used to stabilize signs shall be attached to the sign support per the manufacturer’s specifications.”

Revise the first paragraph of Article 701.15 of the Standard Specifications to read:

“**701.15 Traffic Control Devices.** For devices that must meet crashworthiness standards, the Contractor shall provide a manufacturer’s self-certification or a FHWA eligibility letter for each Category 1 device and a FHWA eligibility letter for each Category 2 and Category 3 device used on the contract. The self-certification or letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device.”

Revise the first six paragraphs of Article 1106.02 of the Standard Specifications to read:

“**1106.02 Devices.** Work zone traffic control devices and combinations of devices shall meet crashworthiness standards for their respective categories. The categories are as follows.

Category 1 includes small, lightweight, channelizing and delineating devices that have been in common use for many years and are known to be crashworthy by crash testing of similar devices or years of demonstrable safe performance. These include cones, tubular markers, plastic drums, and delineators, with no attachments (e.g. lights). Category 1 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 1 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2024.

Category 2 includes devices that are not expected to produce significant vehicular velocity change but may otherwise be hazardous. These include vertical panels with lights, barricades, temporary sign supports, and Category 1 devices with attachments (e.g. drums with lights). Category 2 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 2 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2024.

Category 3 includes devices that are expected to cause significant velocity changes or other potentially harmful reactions to impacting vehicles. These include crash cushions (impact

attenuators), truck mounted attenuators, and other devices not meeting the definitions of Category 1 or 2. Category 3 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 3 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2029. Category 3 devices shall be crash tested for Test Level 3 or the test level specified.

Category 4 includes portable or trailer-mounted devices such as arrow boards, changeable message signs, temporary traffic signals, and area lighting supports. It is preferable for Category 4 devices manufactured after December 31, 2019 to be MASH-16 compliant; however, there are currently no crash tested devices in this category, so it remains exempt from the NCHRP 350 or MASH compliance requirement.

For each type of device, when no more than one MASH-16 compliant is available, an NCHRP 350 or MASH-2009 compliant device may be used, even if manufactured after December 31, 2019.”

Revise Articles 1106.02(g), 1106.02(k), and 1106.02(l) to read:

“(g) Truck Mounted/Trailer Mounted Attenuators. The attenuator shall be approved for use at Test Level 3. Test Level 2 may be used for normal posted speeds less than or equal to 45 mph.

(k) Temporary Water Filled Barrier. The water filled barrier shall be a lightweight plastic shell designed to accept water ballast and be on the Department’s qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings.

(l) Movable Traffic Barrier. The movable traffic barrier shall be on the Department’s qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings. The barrier shall be capable of being moved on and off the roadway on a daily basis.”

80427

Village Of Hoffman Estates
2024 Storm Sewer Rehabilitation Project
Pipe Schedule

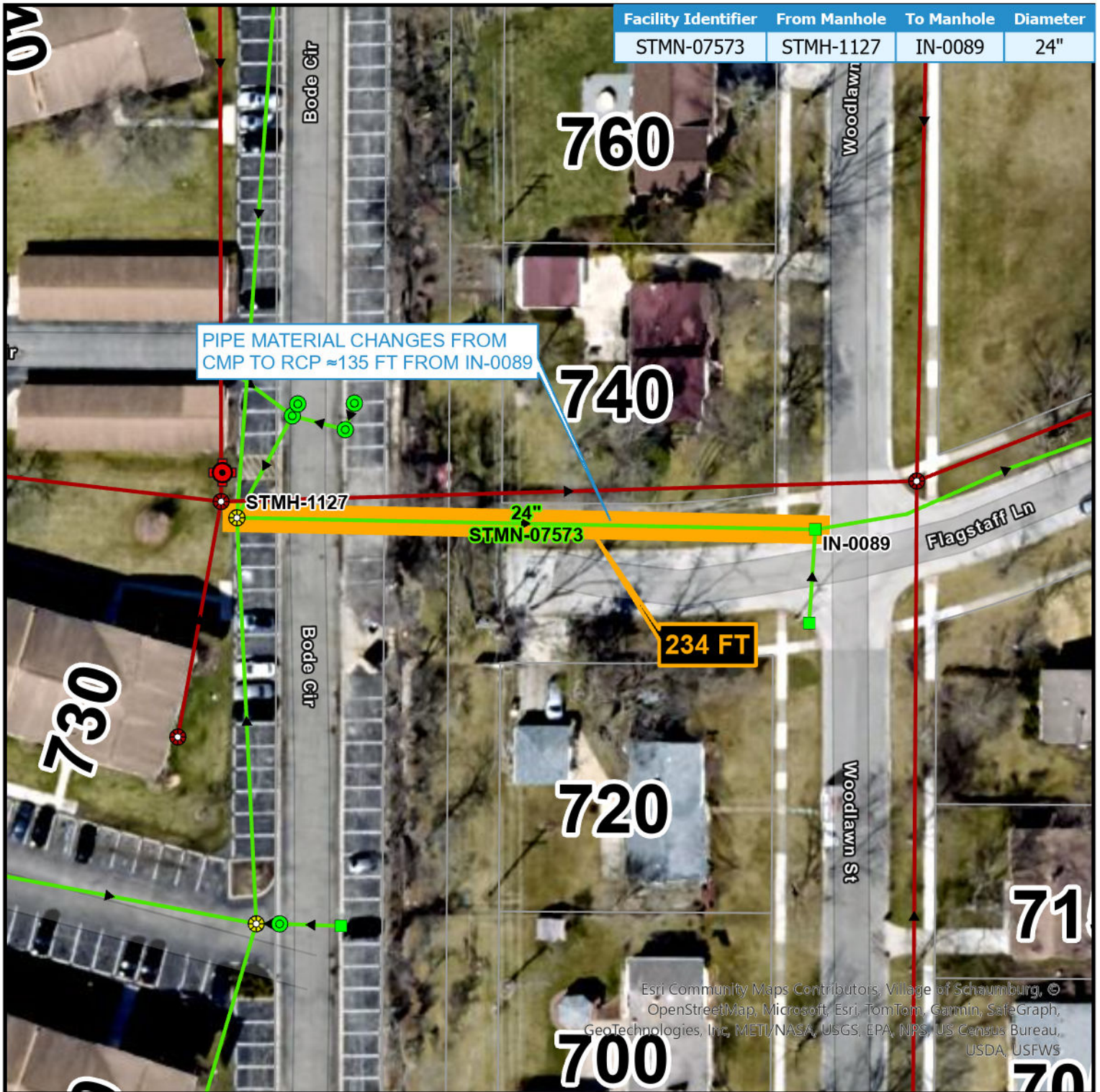
Location	Street	Pipe Run	Material	Diameter	From Manhole	To Manhole	Length (ft)
Flagstaff Ln (Woodlawn St - Washington Blvd)	FLAGSTAFF LN.	STMN-07573	CMP	24	STMH-1127	IN-0089	234
	FLAGSTAFF LN.	STMN-07566	CMP	30	IN-0085	IN-2262	36
	FLAGSTAFF LN.	STMN-07568	CMP	30	IN-2262	STMH-0066	493
	FLAGSTAFF LN.	STMN-07569	CMP	36	CB-0273	CB-3032	145
	FLAGSTAFF LN.	STMN-07570	CMP	36	CB-3032	CB-3033	43
	LAKEVIEW LN.	STMN-07571	CMP	36	CB-3033	STMH-0069	221
Pleasant St	ORANGE LN.	STMN-06600	CMP	24	IN-2269	IN-2284	216
	PLEASANT ST.	STMN-06602	CMP	27	IN-2284	STMH-0099	54
	PLEASANT ST.	STMN-06461	CMP	27	STMH-0099	CB-1743	143
	PLEASANT ST.	STMN-06460	CMP	27	CB-1743	CB-1744	139
	PLEASANT ST.	STMN-06459	CMP	30	CB-1744	STMH-1071	420
Washington Blvd (Bode Rd - Alcoa Ln)	WASHINGTON BLVD.	STMN-03366	CMP	33	IN-1916	IN-1915	158
	WASHINGTON BLVD.	STMN-03367	CMP	36	IN-1915	IN-2742	36
	WASHINGTON BLVD.	STMN-03370	CMP	36	IN-2742	CB-1802	281
	WASHINGTON BLVD.	STMN-03371	CMP	36	CB-1802	CB-1803	38
	WASHINGTON BLVD.	STMN-03373	CMP	36	CB-1803	IN-1910	439
Washington (Milton Ln - Maywood Ln)	WASHINGTON BLVD.	STMN-03530	CMP	36	STMH-0082	IN-0138	317
	WASHINGTON BLVD.	STMN-03533	CMP	36	IN-0138	IN-0141	40
	MAYWOOD LN.	STMN-03534	CMP	36	IN-0141	STMH-0081	153
Washington Blvd (Bode Rd - Glendale Ln)	GLENDALE LN.	STMN-03585	CMP	24	STMH-0072	CB-0279	393
	WASHINGTON BLVD.	STMN-03542	CMP	30	CB-0279	STMH-1294	9
	WASHINGTON BLVD.	STMN-03543	CMP	30	STMH-1294	STMH-0067	126
	WASHINGTON BLVD.	STMN-03544	CMP	30	STMH-0067	IN-0097	109
	WASHINGTON BLVD.	STMN-03547	CMP	30	IN-0097	IN-2265	29
	WASHINGTON BLVD.	STMN-03548	CMP	30	IN-2265	CB-0274	340
	WASHINGTON BLVD.	STMN-03549	CMP	30	CB-0274	IN-0096	36
	WASHINGTON BLVD.	STMN-03551	CMP	42	CB-0275	IN-0098	250
	WASHINGTON BLVD.	STMN-14312	CMP/RCP	42	CB-4148	IN-1911	260
Bode Cir / Woodlawn St	WOODLAWN ST.	STMN-06508	CMP	36	CB-0269	IN-2263	138
	WOODLAWN ST.	STMN-06509	CMP	36	IN-2263	IN-0090	45
	WOODLAWN ST.	STMN-14946	CMP	36	IN-0090	IN-4356	163
	WOODLAWN ST.	STMN-09197	CMP	36	IN-4356	IN-4336	161
	WESTERN ST.	STMN-09159	CMP	36	IN-4336	IN-4337	26
	WESTERN ST.	STMN-09160	CMP	36	IN-4337	STMH-1974	202
	WESTERN ST.	STMN-07639 (680)	CMP	36	STMH-1974	FES-0412	56
Westview St	WESTVIEW ST.	STMN-07597	CMP	24	STMH-0104	STMH-1971	130
Morgan Ln	MORGAN LN.	STMN-06427	CMP	24	STMH-0086	STMH-0098	279



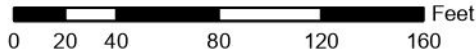
VILLAGE OF HOFFMAN ESTATES

2024 STORM SEWER REHABILITATION PROJECT

Flagstaff Ln (Woodlawn St - Washington Blvd) 1 OF 3



1" = 75 feet



CIPP Liner

Catch Basin

Storm Manhole

Culvert

Storm Sewer



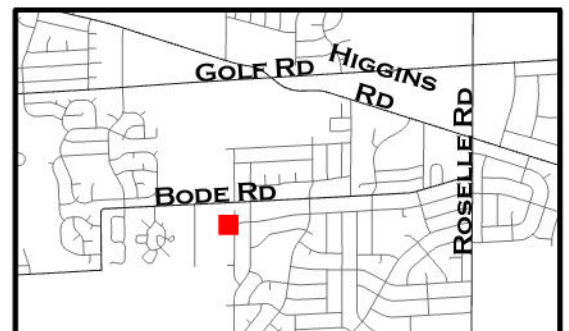
Hydrant



Sanitary Manhole



Sanitary Sewer

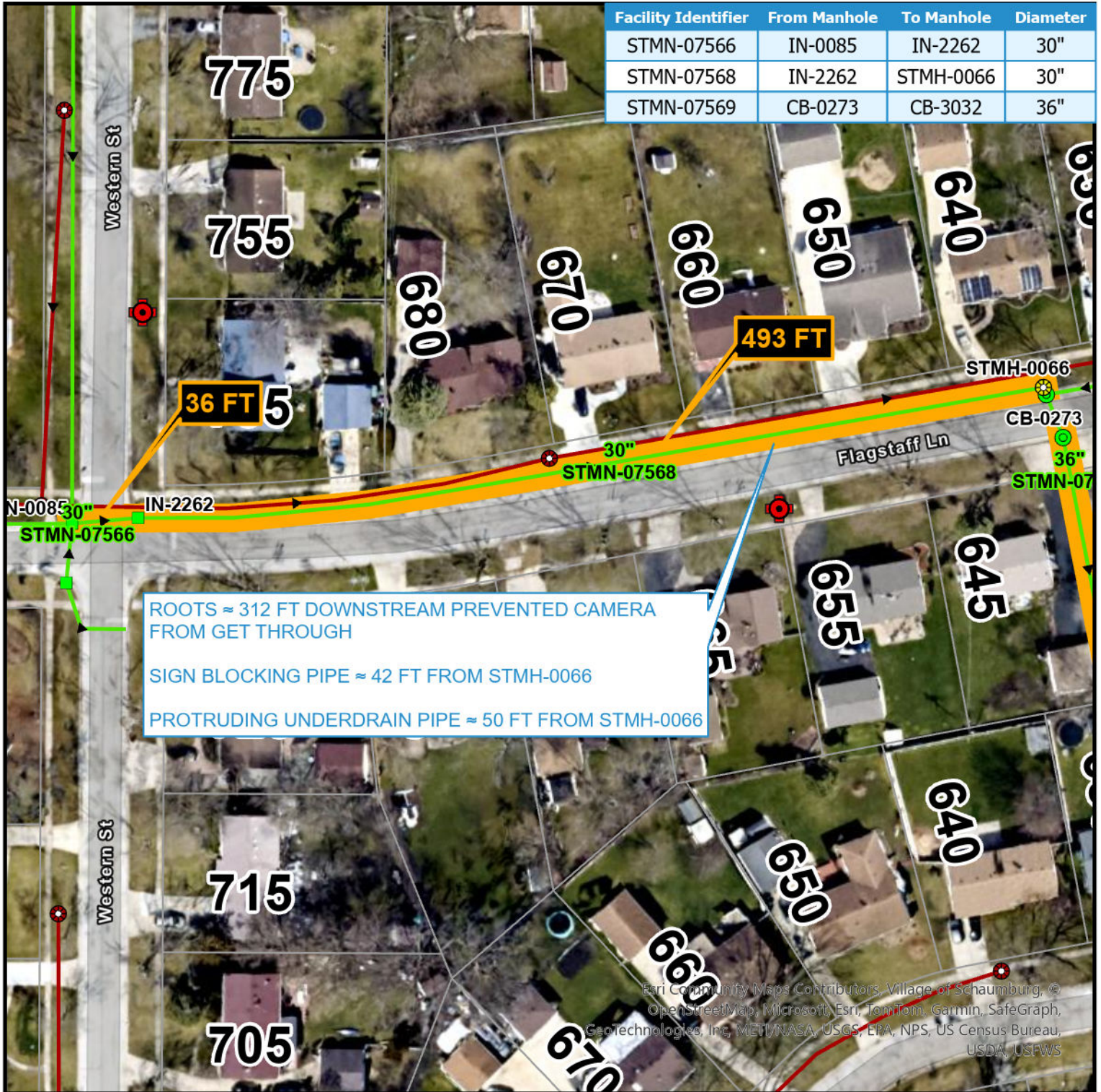




VILLAGE OF HOFFMAN ESTATES

2024 STORM SEWER REHABILITATION PROJECT

Flagstaff Ln (Woodlawn St - Washington Blvd) 2 OF 3



Facility Identifier	From Manhole	To Manhole	Diameter
STMN-07566	IN-0085	IN-2262	30"
STMN-07568	IN-2262	STMH-0066	30"
STMN-07569	CB-0273	CB-3032	36"



1" = 100 feet

0 25 50 100 150 200 Feet

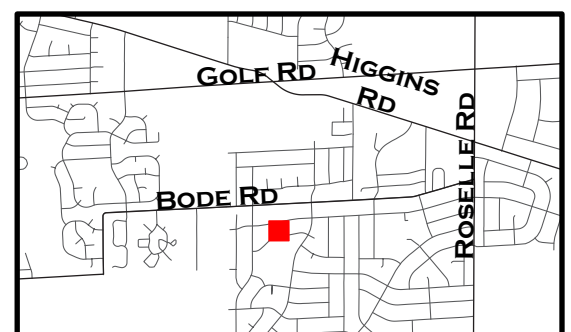
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- Storm Manhole
- CIPP Liner
- Culvert
- Storm Sewer
- Hydrant
- Sanitary Manhole
- Sanitary Sewer





Facility Identifier	From Manhole	To Manhole	Diameter
STMN-07568	IN-2262	STMH-0066	30"
STMN-07569	CB-0273	CB-3032	36"
STMN-07570	CB-3032	CB-3033	36"
STMN-07571	CB-3033	STMH-0069	36"

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 USDA, USFWS





VILLAGE OF HOFFMAN ESTATES

2024 STORM SEWER REHABILITATION PROJECT

Pleasant St (1 OF 2)



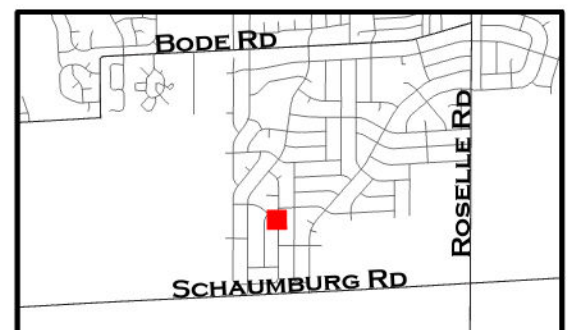
Facility Identifier	From Manhole	To Manhole	Diameter
STMN-06600	IN-2269	IN-2284	24"
STMN-06602	IN-2284	STMH-0099	27"
STMN-06461	STMH-0099	CB-1743	27"
STMN-06460	CB-1743	CB-1744	27"

VERIFY SIZE, IS 27" CMP ACCORDING TO CCTV
BLIND CONNECTION ≈ 17 FT FROM IN-2284



1" = 75 feet
0 20 40 80 120 160 Feet

- Catch Basin
- Storm Manhole
- Hydrant
- Sanitary Manhole
- CIPP Liner
- Culvert
- Sanitary Sewer
- Storm Sewer

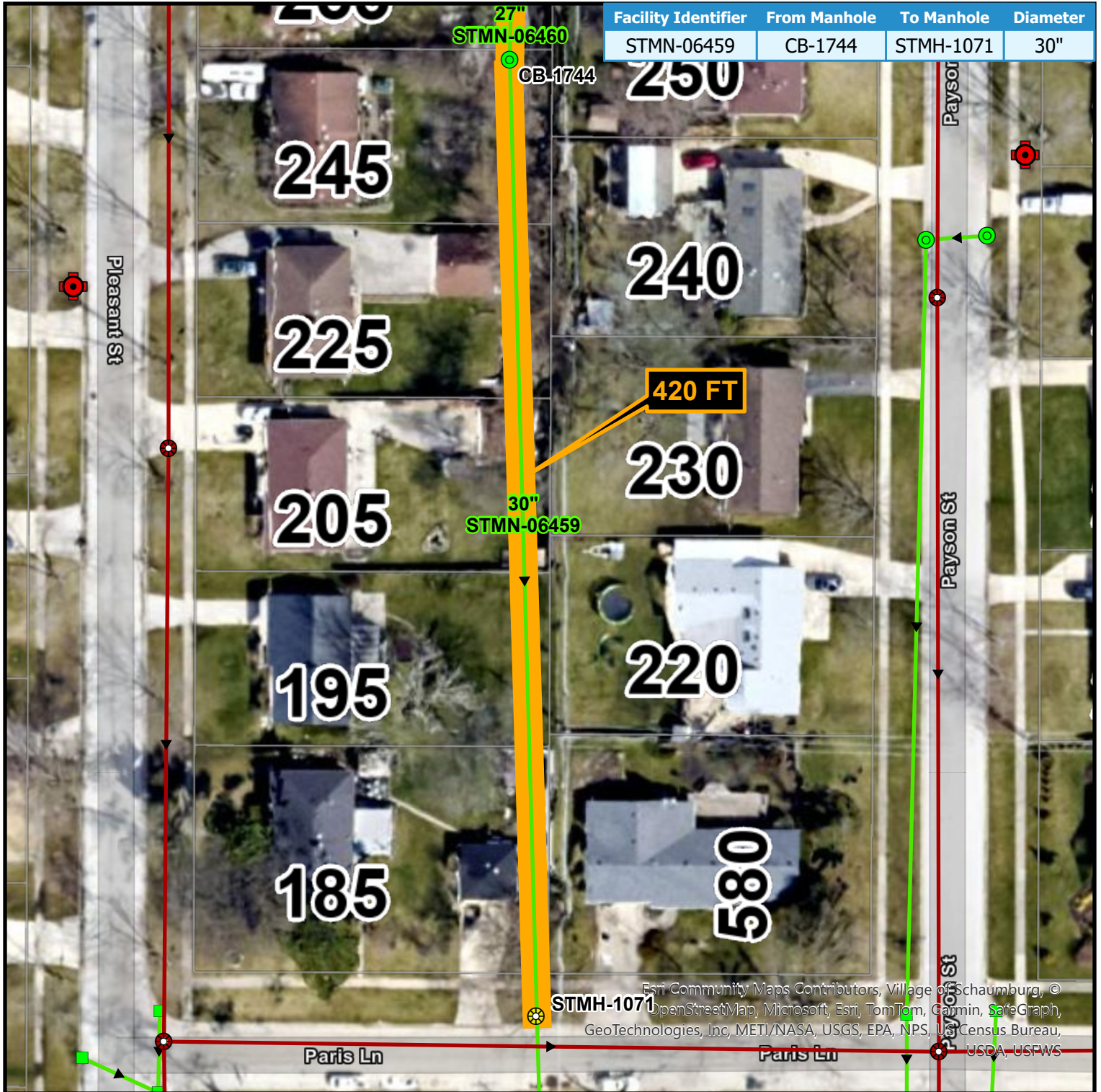




VILLAGE OF HOFFMAN ESTATES

2024 STORM SEWER REHABILITATION PROJECT

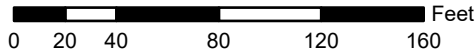
Pleasant St (2 OF 2)



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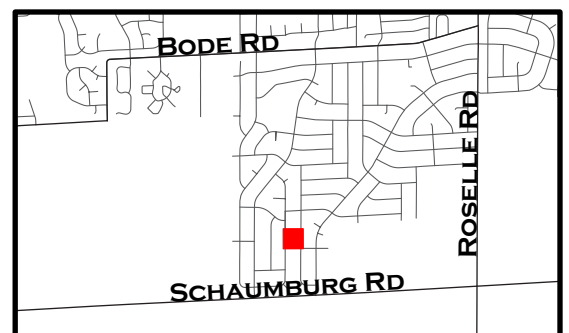
1" = 75 feet



CIPP Liner

- Catch Basin
- Storm Manhole
- Culvert
- Storm Sewer

- Hydrant
- Sanitary Manhole
- Sanitary Sewer

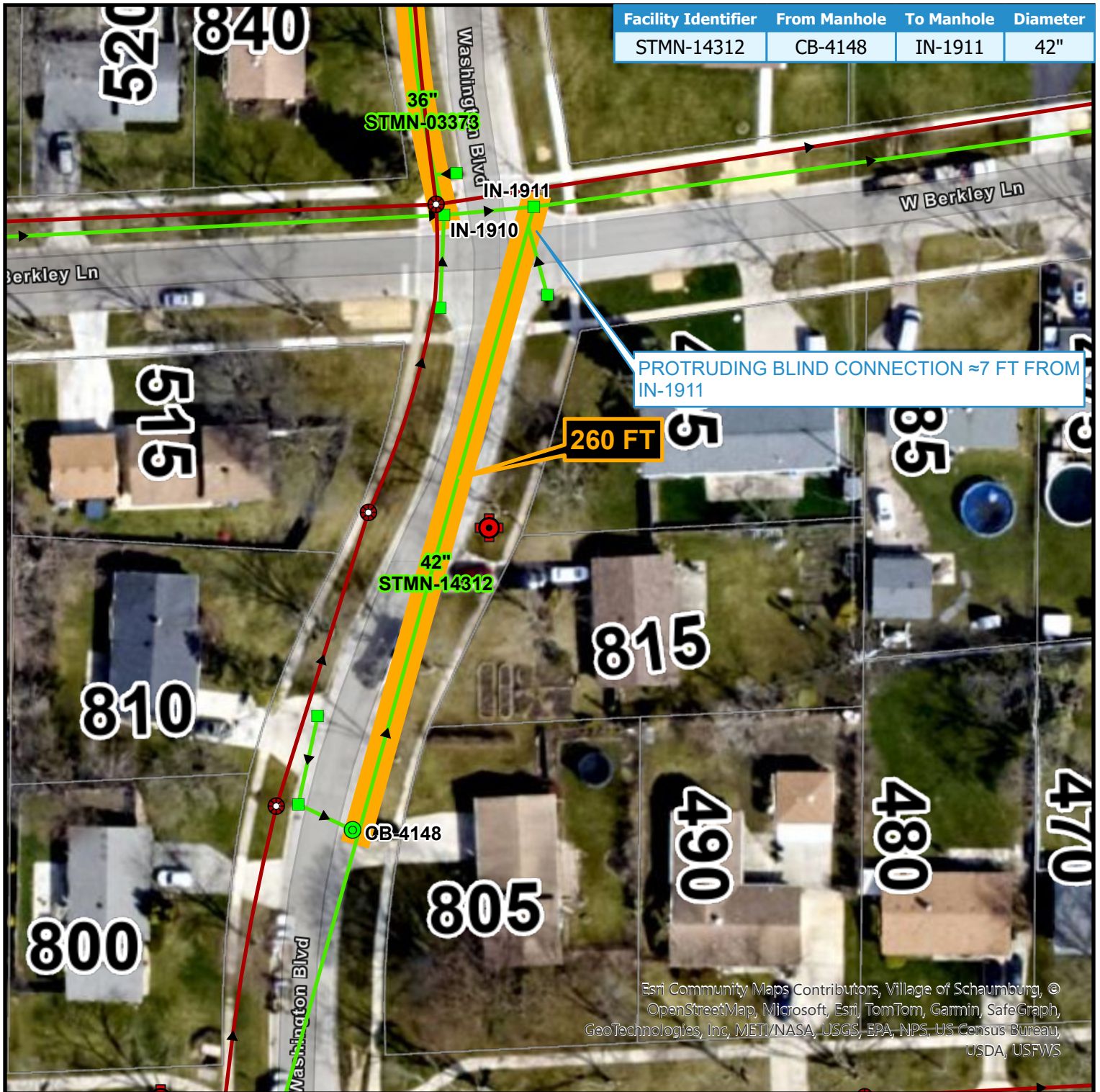




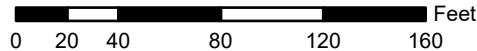
VILLAGE OF HOFFMAN ESTATES

2024 STORM SEWER REHABILITATION PROJECT

Washington Blvd (Bode Rd - Alcoa Ln) (1 OF 3)



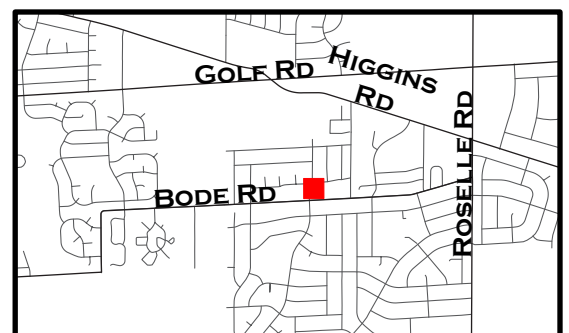
1" = 75 feet



CIPP Liner

- Catch Basin
- Storm Manhole
- Culvert
- Storm Sewer

- Hydrant
- Sanitary Manhole
- Sanitary Sewer

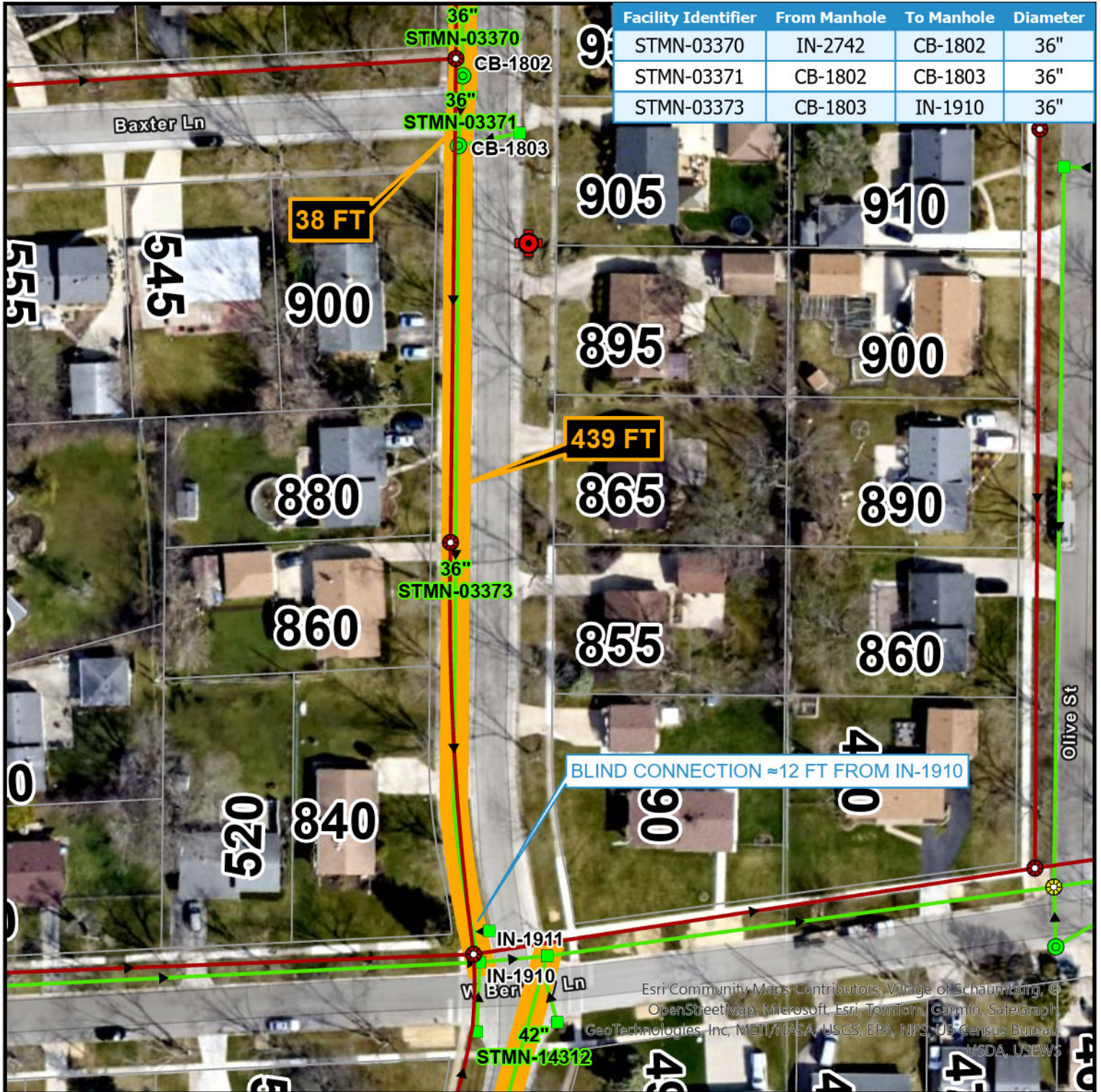




VILLAGE OF HOFFMAN ESTATES

2024 STORM SEWER REHABILITATION PROJECT

Washington Blvd (Bode Rd - Alcoa Ln) (2 OF 3)



1" = 100 feet

0 25 50 100 150 200 Feet

CIPP Liner

Catch Basin

Storm Manhole

Culvert

Storm Sewer

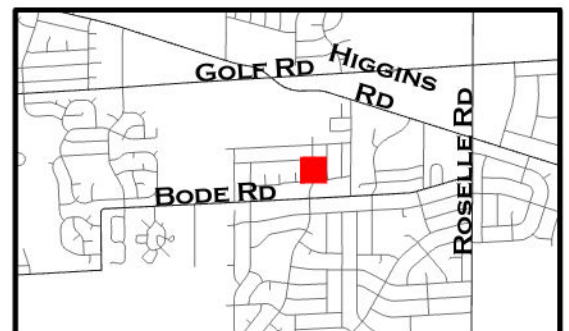


Hydrant

Sanitary Manhole

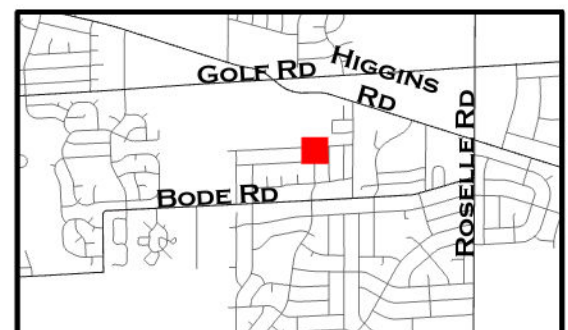


Sanitary Sewer





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USDA, USFWS

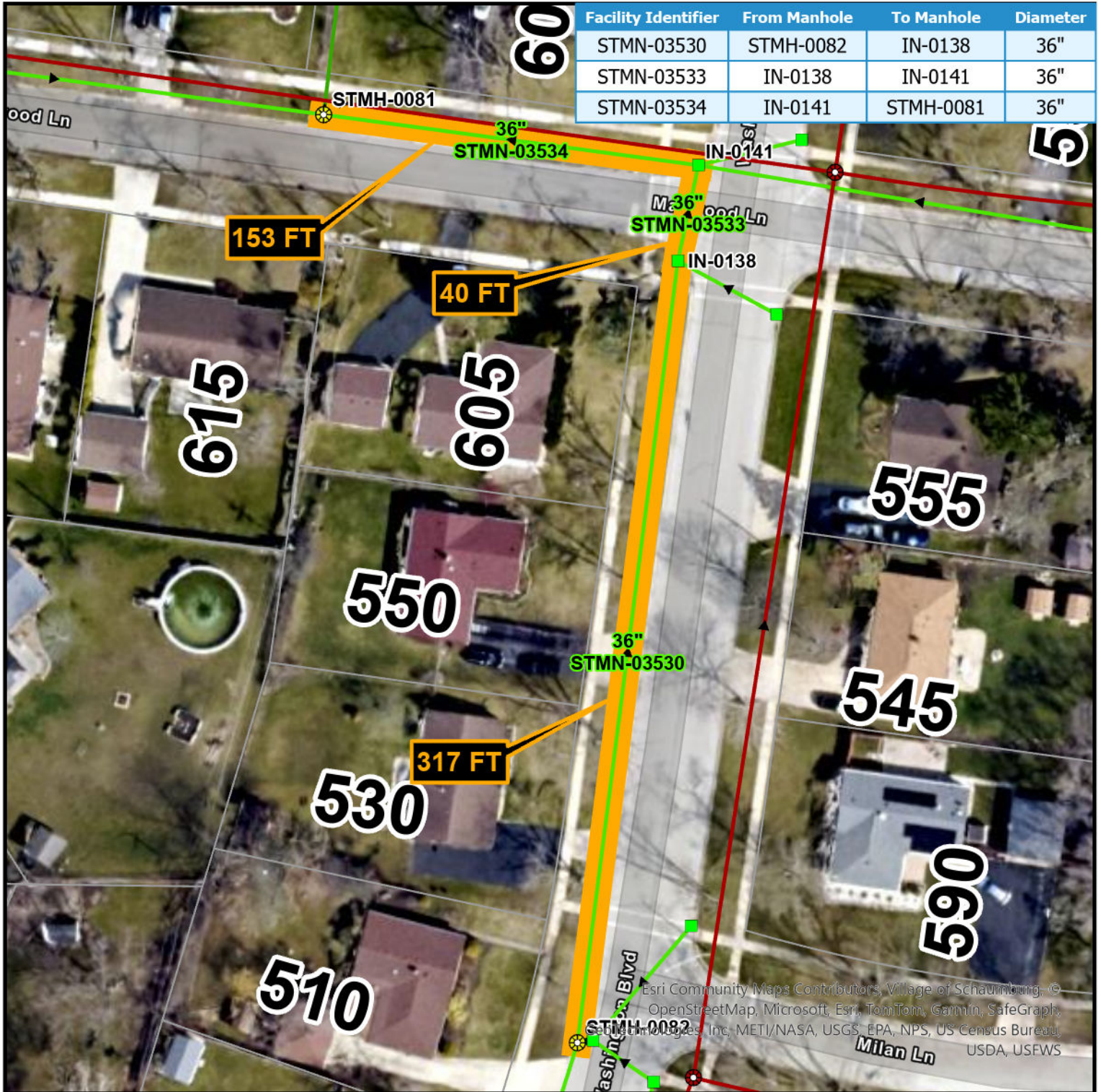




VILLAGE OF HOFFMAN ESTATES

2024 STORM SEWER REHABILITATION PROJECT

Washington Blvd (Milton Ln - Maywood Ln) (1 OF 1)



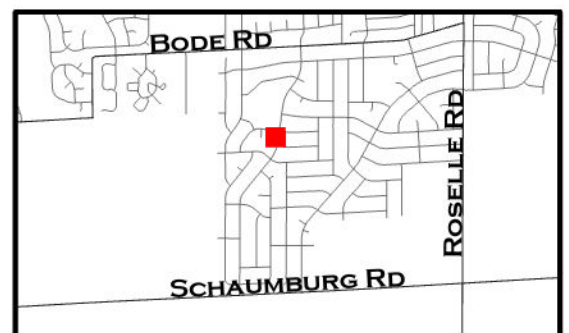
1" = 75 feet

0 20 40 80 120 160 Feet

CIPP Liner

- Catch Basin
- Storm Manhole
- Culvert
- Storm Sewer

- Hydrant
- Sanitary Manhole
- Sanitary Sewer





Facility Identifier	From Manhole	To Manhole	Diameter
STMN-03542	CB-0279	STMH-1294	30"
STMN-03543	STMH-1294	STMH-0067	30"
STMN-03544	STMH-0067	IN-0097	30"
STMN-03585	STMH-0072	CB-0279	24"





VILLAGE OF HOFFMAN ESTATES

2024 STORM SEWER REHABILITATION PROJECT

Washington Blvd (Bode Rd - Glendale Ln) (2 OF 3)



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USDA, USFWS



1" = 75 feet

0 20 40 80 120 160 Feet

CIPP Liner

Catch Basin

Storm Manhole

Culvert

Storm Sewer



Hydrant



Sanitary Manhole



Sanitary Sewer

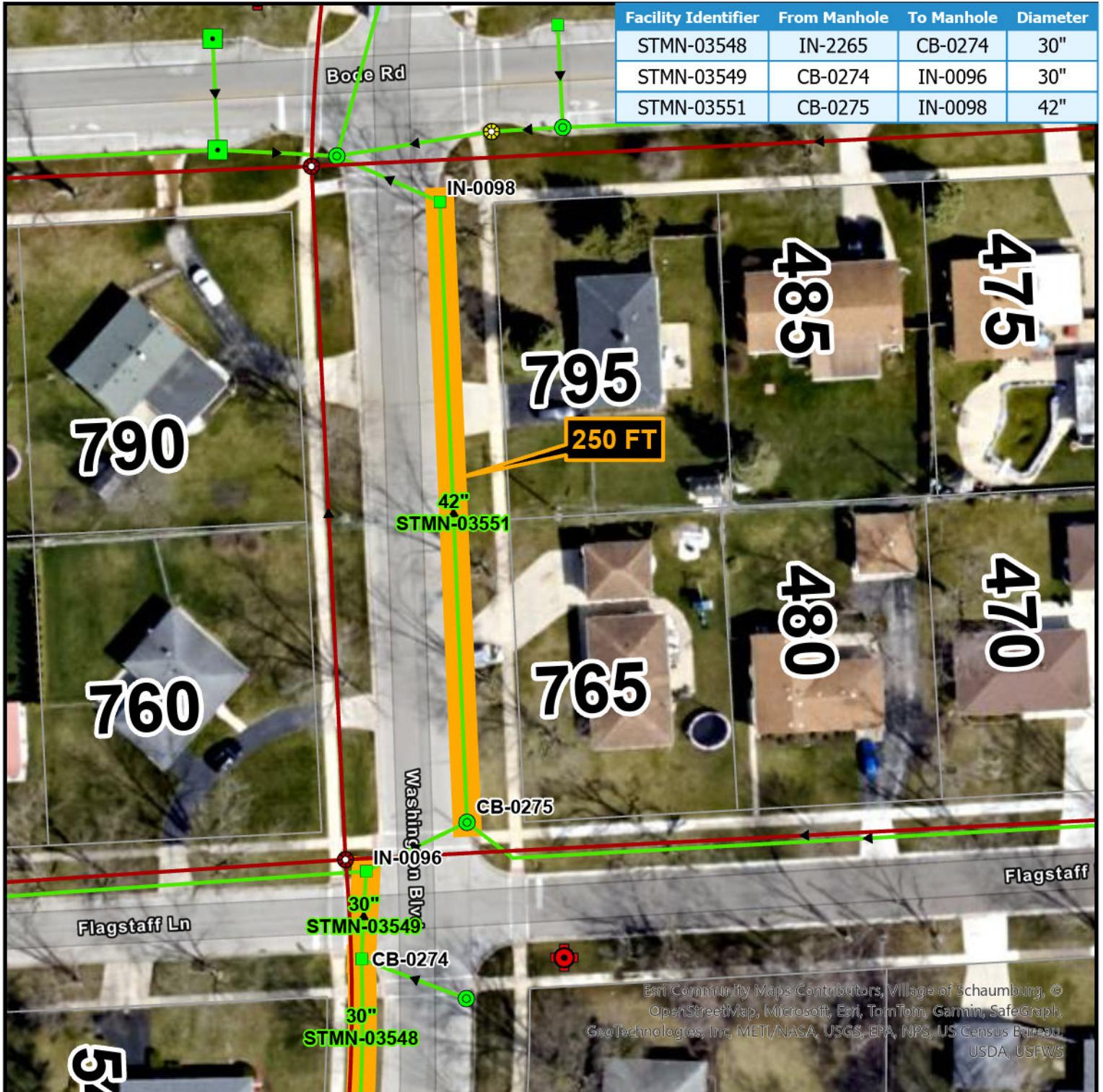




VILLAGE OF HOFFMAN ESTATES

2024 STORM SEWER REHABILITATION PROJECT

Washington Blvd (Bode Rd - Glendale Ln) (3 OF 3)



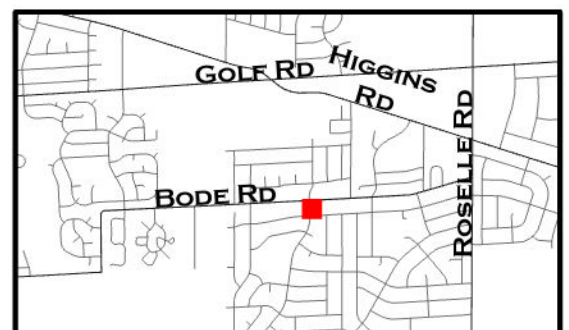
1" = 75 feet

0 20 40 80 120 160 Feet

CIPP Liner

- Catch Basin
- Storm Manhole
- Culvert
- Storm Sewer

- Hydrant
- Sanitary Manhole
- Sanitary Sewer





VILLAGE OF HOFFMAN ESTATES

2024 STORM SEWER REHABILITATION PROJECT

Bode Cir / Woodlawn St (1 OF 2)



1" = 75 feet

0 20 40 80 120 160 Feet

CIPP Liner

Catch Basin

Storm Manhole

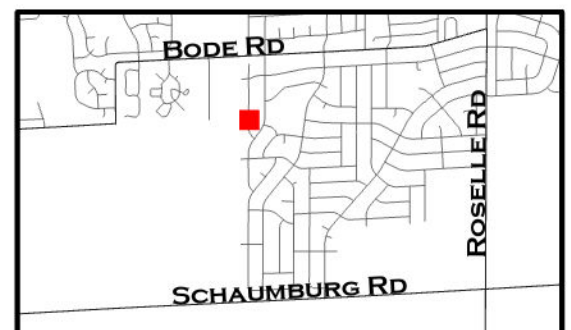
Culvert

Storm Sewer

Hydrant

Sanitary Manhole

Sanitary Sewer





VILLAGE OF HOFFMAN ESTATES

2024 STORM SEWER REHABILITATION PROJECT

Bode Cir / Woodlawn St (2 OF 2)



Facility Identifier	From Manhole	To Manhole	Diameter
STMN-09197	IN-4356	IN-4336	36"
STMN-09159	IN-4336	IN-4337	36"
STMN-09160	IN-4337	STMH-1974	36"
STMN-07639	STMH-1974	FES-0412	36"

HIGH WATER LEVEL
NEEDS DEWATERING AND PRE-TELEVISION

HIGH WATER LEVEL
NEEDS DEWATERING

5

595

740

730

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1" = 75 feet

0 20 40 80 120 160 Feet

● Catch Basin

● Storm Manhole

▶▶▶ Culvert

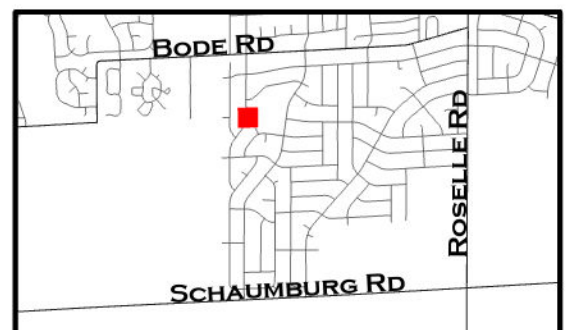
→ Storm Sewer

● Hydrant

● Sanitary Manhole

→ Sanitary Sewer

CIPP Liner

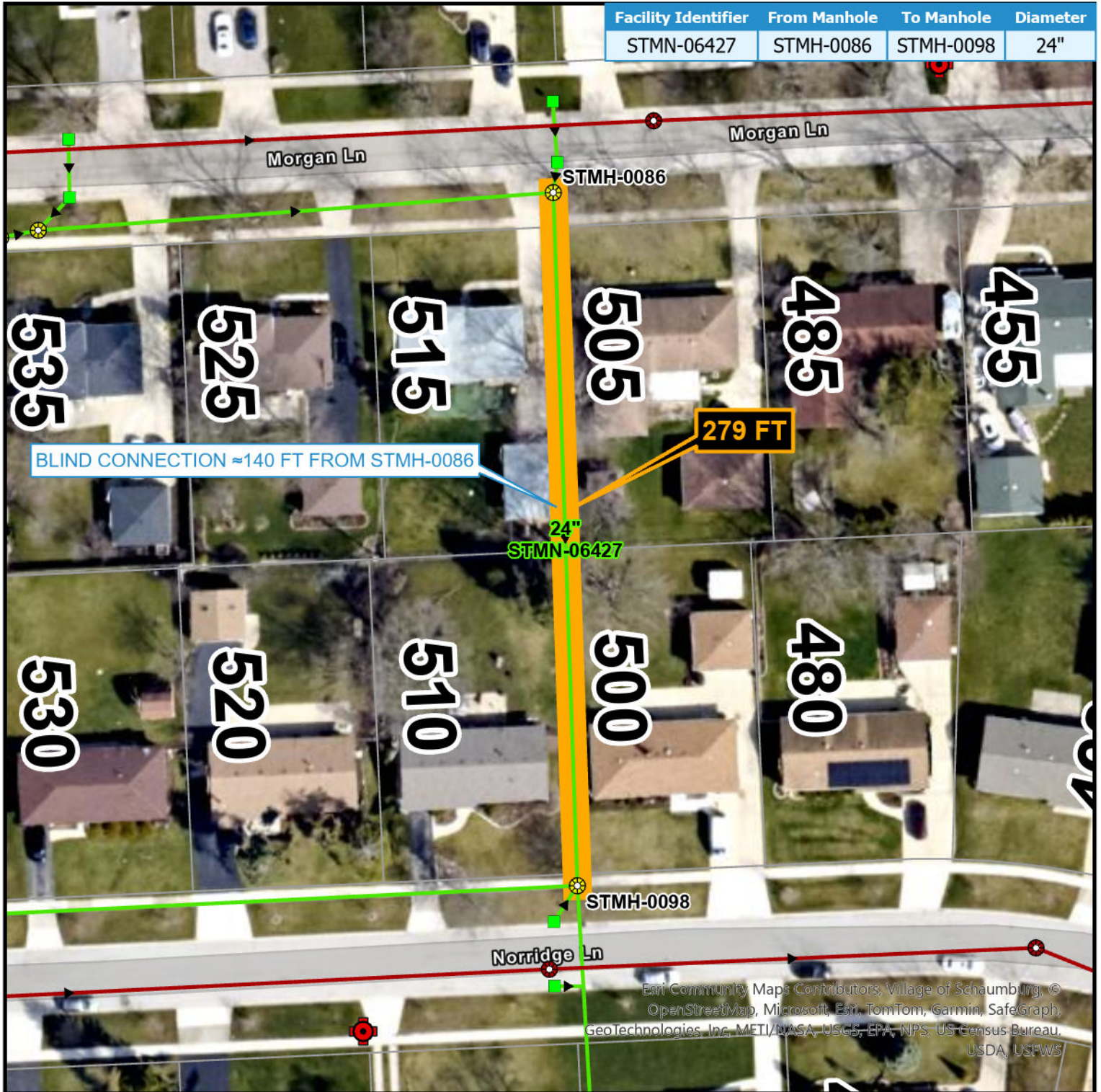




VILLAGE OF HOFFMAN ESTATES

2024 STORM SEWER REHABILITATION PROJECT

Morgan Ln (1 OF 1)



1" = 75 feet

0 20 40 80 120 160 Feet

CIPP Liner

Catch Basin

Storm Manhole

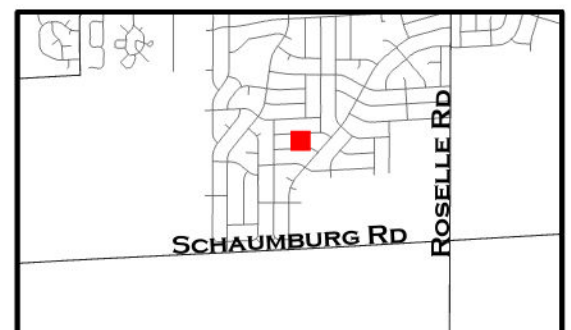
Culvert

Storm Sewer

Hydrant

Sanitary Manhole

Sanitary Sewer

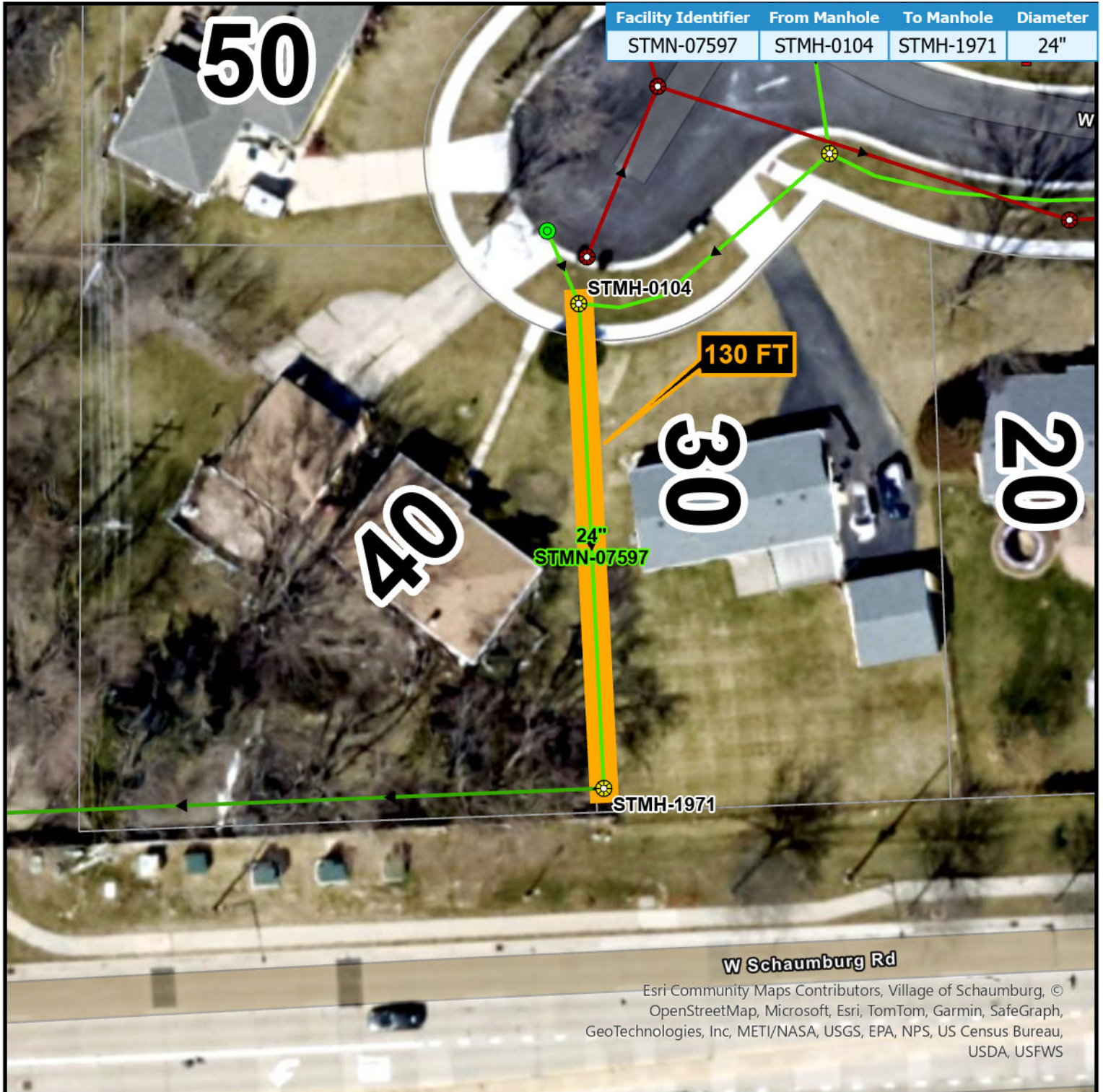




VILLAGE OF HOFFMAN ESTATES

2024 STORM SEWER REHABILITATION PROJECT

Westview St (1 OF 1)



Facility Identifier	From Manhole	To Manhole	Diameter
STMN-07597	STMH-0104	STMH-1971	24"



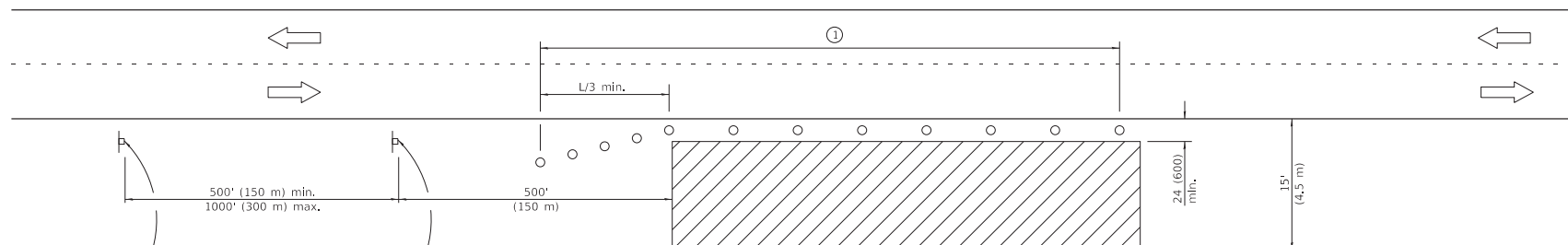
1" = 50 feet
0 12.5 25 50 75 100 Feet

CIPP Liner

- Catch Basin
- Storm Manhole
- Culvert
- Storm Sewer

- Hydrant
- Sanitary Manhole
- Sanitary Sewer





For contract construction projects

ROAD CONSTRUCTION AHEAD

W20-1103(0)-48

W21-1(0)-48

For maintenance and utility projects

ROAD WORK AHEAD

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

SYMBOLS

Work area

Sign

Cone, drum or barricade

- 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.

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

**OFF-RD OPERATIONS, 2L, 2W,
15' (4.5 m) TO 24" (600 mm)
FROM PAVEMENT EDGE**

STANDARD 701006-05

Illinois Department of Transportation

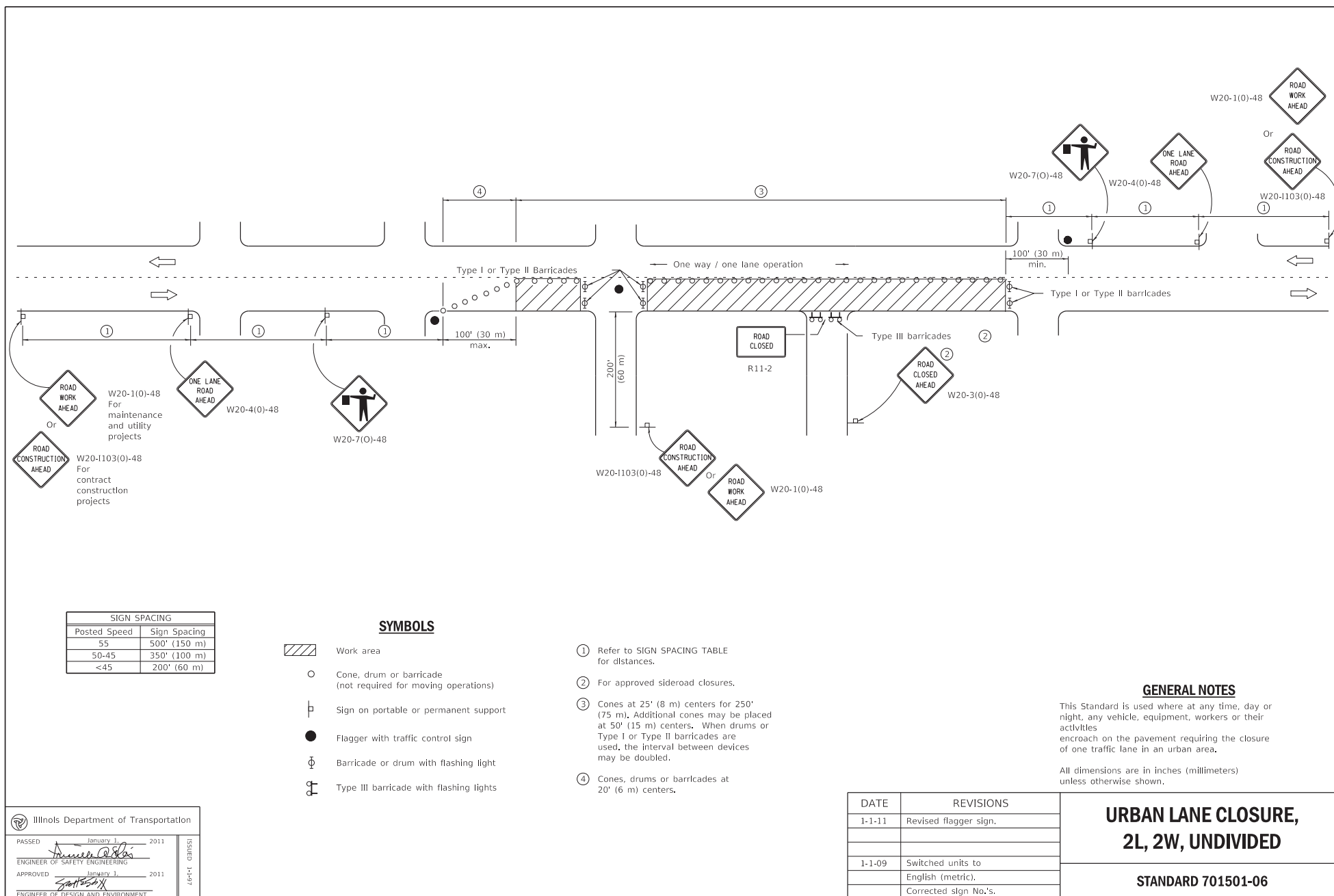
PASSED January 1, 2014

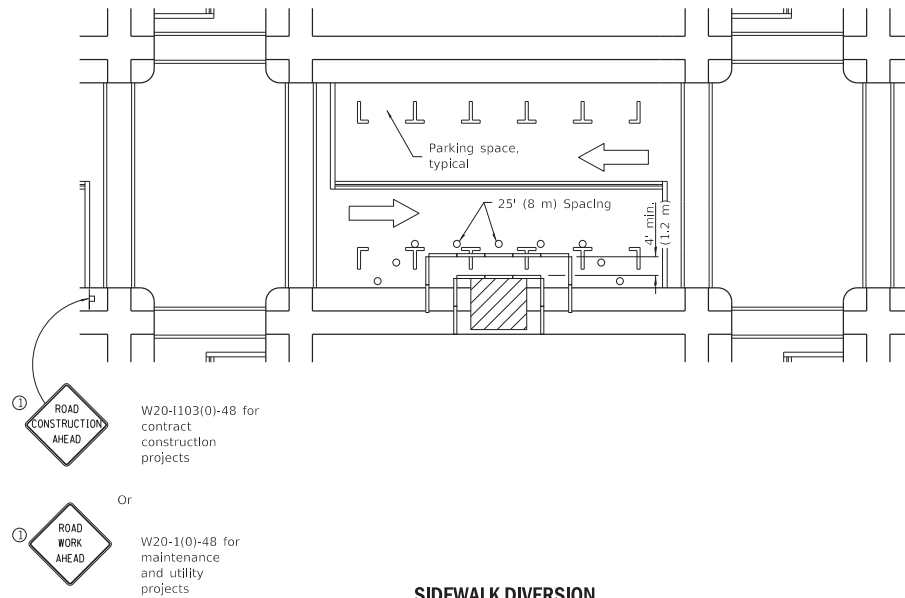
ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2014

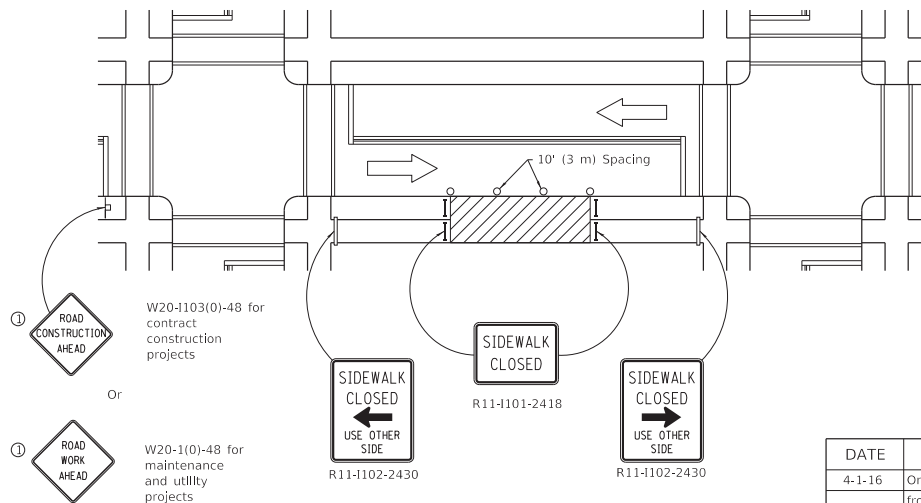
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-17





SIDEWALK DIVERSION



SIDEWALK CLOSURE

SYMBOLS

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

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.

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

Illinois Department of Transportation

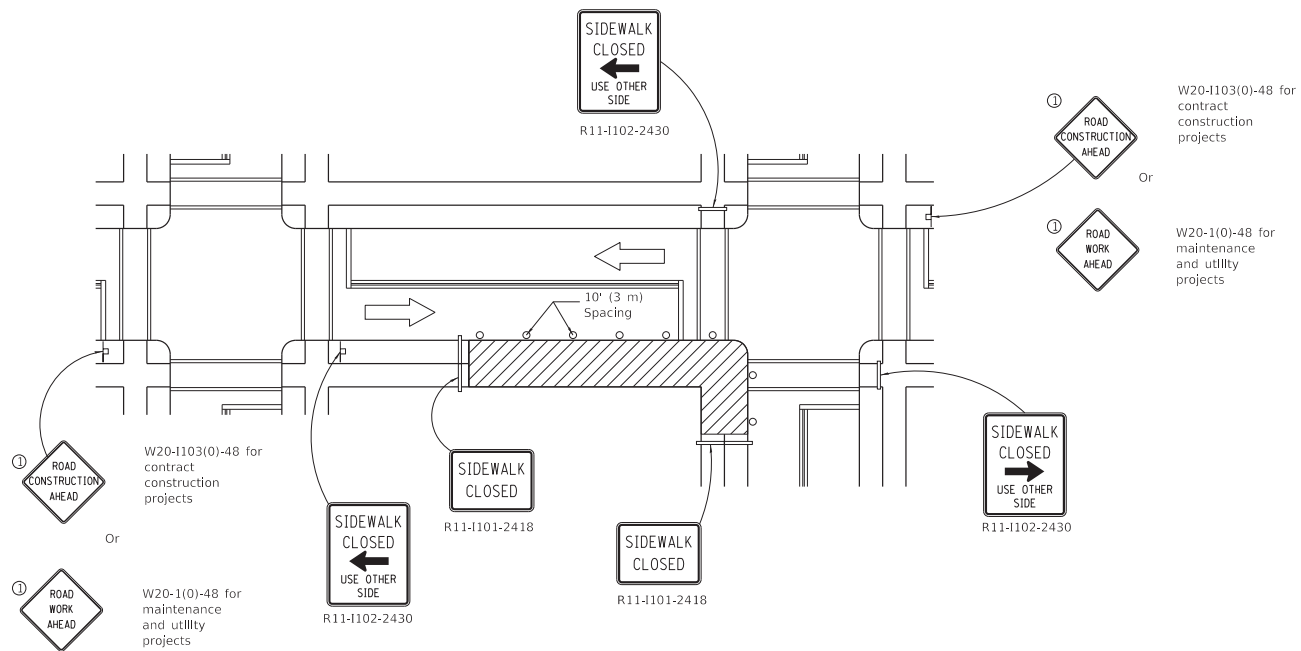
PASSED April 1, 2016

ENGINEER OF SAFETY ENGINEERING

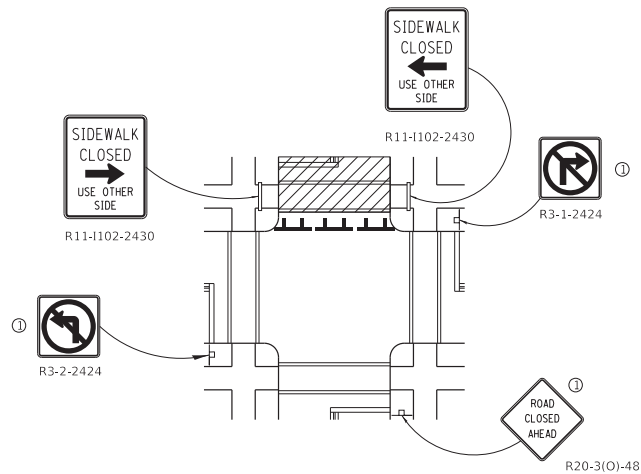
APPROVED April 1, 2016

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-17



CORNER CLOSURE



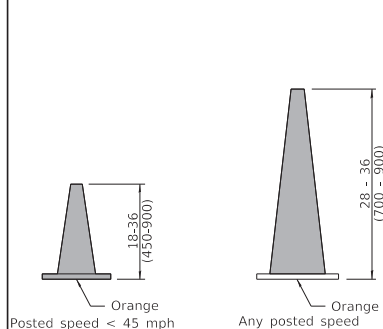
CROSSWALK CLOSURE

SIDEWALK, CORNER OR CROSSWALK CLOSURE

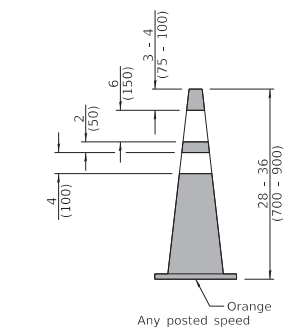
(Sheet 2 of 2)

STANDARD 701801-06

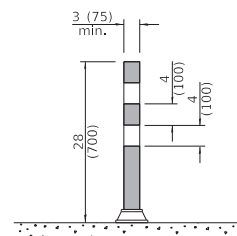
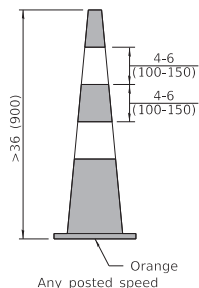
Illinois Department of Transportation		ISSUED 1-1-97
PASSED	April 1, 2016	
ENGINEER OF SAFETY ENGINEERING		
APPROVED	April 1, 2016	
ENGINEER OF DESIGN AND ENVIRONMENT		



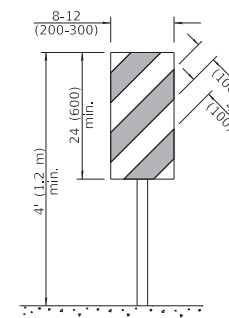
DAYTIME USE



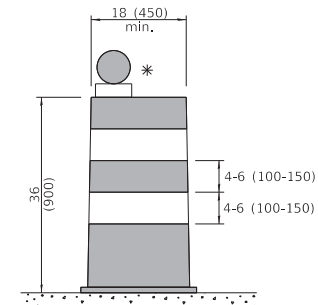
DAY OR NIGHTTIME USE



TUBULAR MARKER

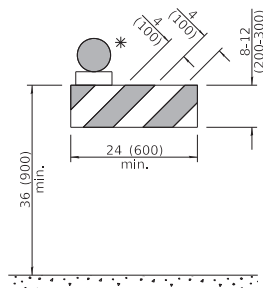


**VERTICAL PANEL
POST MOUNTED**

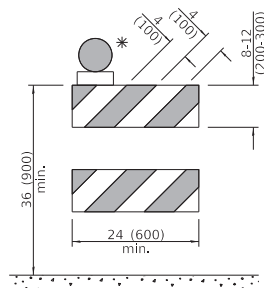


DRUM

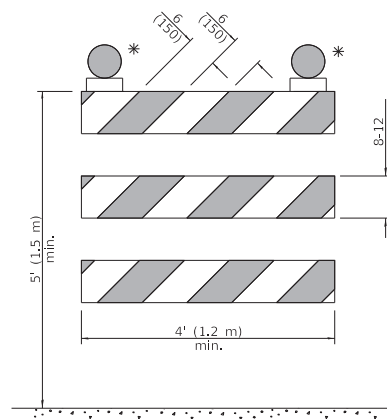
CONES



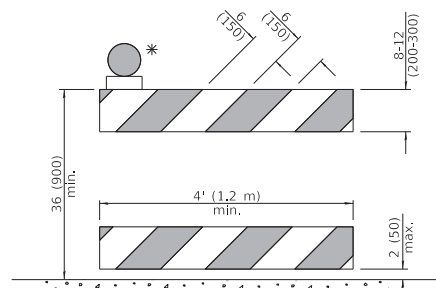
TYPE I BARRICADE



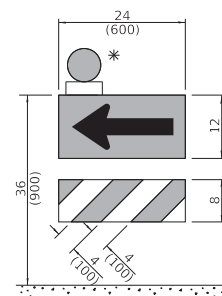
TYPE II BARRICADE



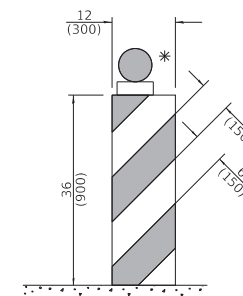
TYPE III BARRICADE



**DETECTABLE PEDESTRIAN
CHANNELIZING BARRICADE**



**DIRECTION INDICATOR
BARRICADE**



VERTICAL 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.

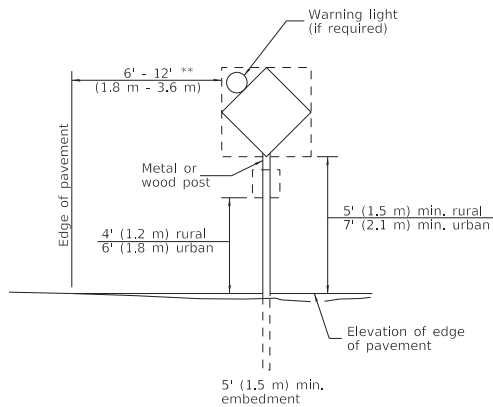
APPROVED: <i>[Signature]</i> January 1, 2019 ENGINEER OF SAFETY PROG. AND ENGINEERING	ISSUED:
APPROVED: <i>[Signature]</i> January 1, 2019 ENGINEER OF DESIGN AND ENVIRONMENT	1-1-1

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



POST MOUNTED SIGNS

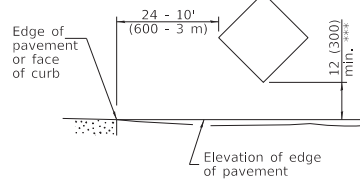
** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.



W12-I103-4848

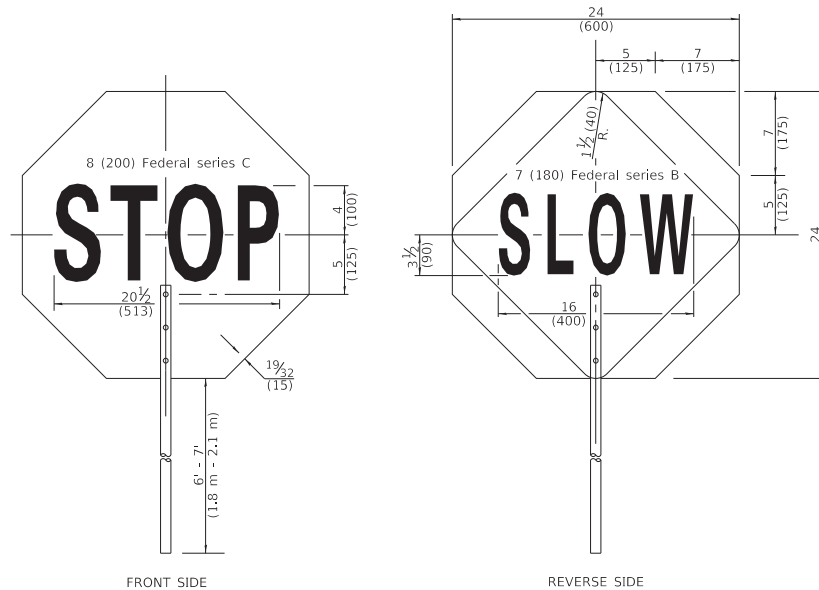
WIDTH RESTRICTION SIGN

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



SIGNS ON TEMPORARY SUPPORTS

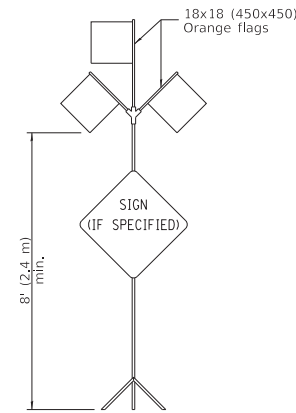
*** When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.



FRONT SIDE

REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN



HIGH LEVEL WARNING DEVICE

ROAD CONSTRUCTION NEXT X MILES	END CONSTRUCTION
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

WORK ZONE	W21-I115(0)-3618
SPEED LIMIT XX	R2-1-3648
PHOTO ENFORCED	R10-I108p-3618 ****
\$XXX FINE MINIMUM	R2-I106p-3618

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

END WORK ZONE SPEED LIMIT	G20-I103-6036
---------------------------------	---------------

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

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

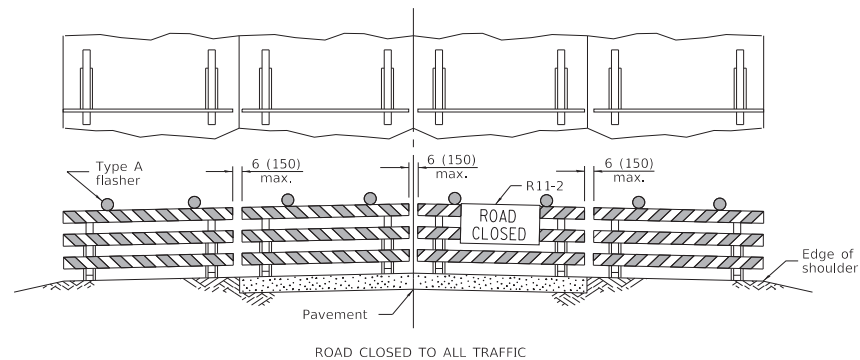
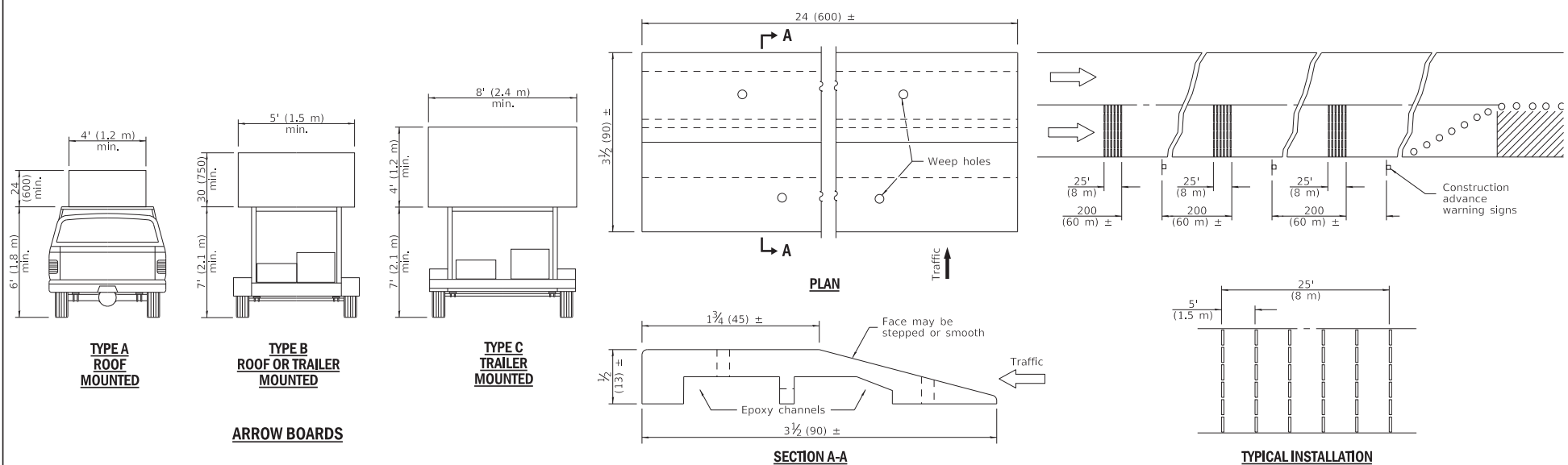
**** R10-I108p shall only be used along roadways under the jurisdiction of the State.

TRAFFIC CONTROL DEVICES

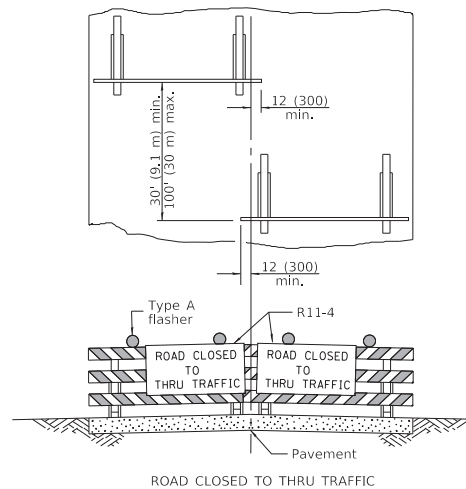
(Sheet 2 of 3)

STANDARD 701901-08

Illinois Department of Transportation	
APPROVED January 1, 2019 ENGINEER OF SAFETY, PROGRAM, AND ENGINEERING APPROVED January 1, 2019 ENGINEER OF DESIGN AND ENVIRONMENT	ISSUED 1-1-13



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.



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.

Illinois Department of Transportation

APPROVED: January 1, 2019

ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED: January 1, 2019

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

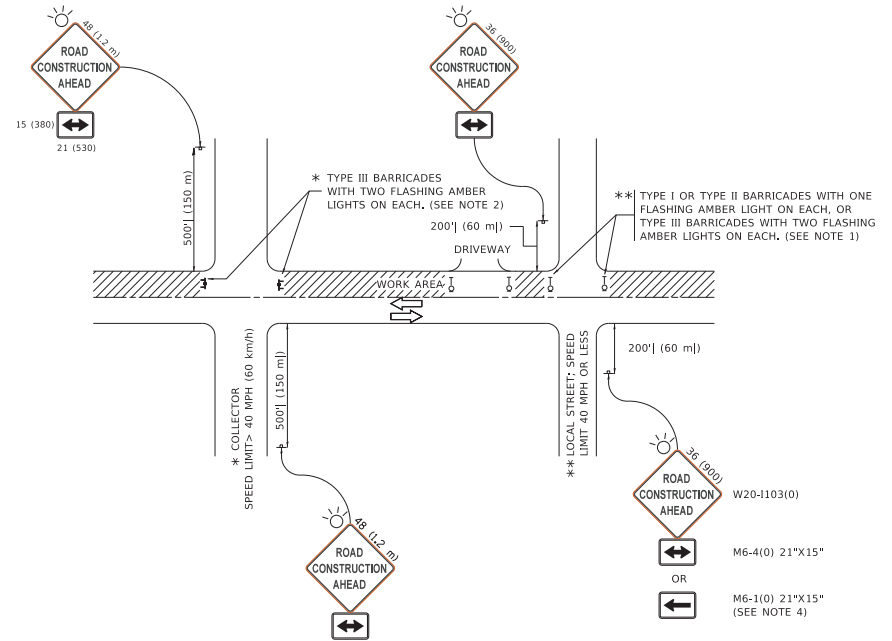
TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

TRAFFIC CONTROL DEVICES

STANDARD 701901-08

(Sheet 3 of 3)

MOBILE Default
FILE NAME: project\BIDDING\TC - 10\2010070000\Document\DOT - Official\plans\2010-10-15\CA\StateCAD\state.ctb



NOTES:

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS, CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE
- SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S), THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

USER NAME	rootenq	DESIGNED	- L.H.A.	REVISED	- A. HOUSEH 10-15-96
DRAWN	-	CHECKED	-	REVISED	- T. RAMMACHER 01-06-00
PLOT SCALE	= 30:0000 * / ft.	DATE	- 06-89	REVISED	- A. SCHUETZE 07-01-13
PLOT DATE	= 3/4/2019			REVISED	- A. SCHUETZE 09-15-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. SITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TC-10				
ILLINOIS FED. AID PROJECT				CONTRACT NO.



**VILLAGE OF HOFFMAN ESTATES
SALES TAX EXEMPTION NUMBER AUTHORIZATION FORM**

The undersigned contractor hereby agrees to use the Village of Hoffman Estates sales tax exemption number only for purchases directly related to work being done on behalf of the Village. The undersigned also agrees to be responsible for any tax due for purchases determined to be non-exempt and for purchases not made on the Village's behalf.

It is understood that the exemption from tax in the case of the sales of articles is limited to the sales of articles purchased for the exclusive use of the Village and it is agreed that if articles purchased tax free are used otherwise or are sold to others, such fact will be reported to the State of Illinois Department of Revenue. It is also understood that the fraudulent use of the exemption number to secure exemptions will subject the undersigned and all guilty parties to a fine of not more than \$10,000 or to imprisonment for not more than five years or both, together with costs of prosecutions.

NAME OF PROJECT AND/OR CONTRACT NUMBER

COMPANY NAME

ADDRESS

CITY

ZIP CODE

PURCHASER NAME & TITLE (PLEASE PRINT)

SIGNATURE

DATE

Before a Tax Exemption Letter is issued to the contractor, this form and the materials and estimated quantities form must be returned to the appropriate Village personnel. After the completed forms have been received by the Village, a Tax Exempt Letter will be mailed to the contractor.

VILLAGE OF HOFFMAN ESTATES
MATERIALS AND ESTIMATED QUANTITIES ATTACHMENT

DESCRIPTION OF MATERIALS TO BE PURCHASED	ESTIMATED QUANTITY	NAME OF VENDOR SELLING MATERIALS	VENDOR PHONE NUMBER	VENDOR'S STREET ADDRESS	VENDOR'S CITY, STATE, AND ZIP CODE
1)					
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					



Contractor's Name

Contractor's Address

City

State

Zip Code

STATE OF ILLINOIS

Local Public Agency

County

Section Number

Street Name/Road Name

Type of Funds

☐ CONTRACT BOND (when required)

For a County and Road District Project

Submitted/Approved

Highway Commissioner Signature & Date

Submitted/Approved

County Engineer/Superintendent of Highways Signature & Date

For a Municipal Project

Submitted/Approved/Passed

Signature & Date

Official Title

Department of Transportation

☐ Concurrence in approval of award

Regional Engineer Signature & Date

Local Public Agency	Local Street/Road Name	County	Section Number

- THIS AGREEMENT, made and concluded the _____ day of _____ between the _____
of _____, known as the party of the first part, and _____,
Local Public Agency Contractor
its successor, and assigns, known as the party of the second part.
- For and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring this contract, the party of the second part agrees with said party of the first part, at its own proper cost and expense, to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this contract.
- It is also understood and agreed that the LPA Formal Contract Proposal, Special Provisions, Affidavit of Illinois Business Office, Apprenticeship or Training Program Certification, and Contract Bond hereto attached, and the Plans for Section _____
in _____, approved by the Illinois Department of Transportation on _____, are essential
Local Public Agency Date
documents of this contract and are a part hereof.
- IN WITNESS WHEREOF, the said parties have executed this contract on the date above mentioned.

Attest:

The _____ of _____
Local Public Agency Type Name of Local Public Agency

Clerk Signature & Date

(SEAL, if required by the LPA)

Party of the First Part Signature & Date

By:

(If a Corporation)

Corporate Name

President, Party of the Second Part Signature & Date

By:

(If a Limited Liability Corporation)

LLC Name

Manager or Authorized Member, Party of the Second Part

By:

(If a Partnership)

Partner Signature & Date

Partner Signature & Date

Partners doing Business under the firm name of
Party of the Second Part

(If an individual)

Party of the Second Part Signature & Date

Attest:

Secretary Signature & Date

(SEAL, if required by the LPA)



VILLAGE OF HOFFMAN ESTATES PAYMENT AND PERFORMANCE SURETY BOND

BOND NO.	DATE BOND EXECUTED:
PRINCIPAL:	BOND AMOUNT: (written out & numerically)
CO-PRINCIPAL(S):	CONTRACT DOCUMENTS:
SURETY(IES):	PROJECT:

KNOW ALL MEN BY THESE PRESENTS, that we, the Principal(s) and Surety(ies) hereto, recite and declare that:

1. The Principal(s) and Surety(ies) on this bond agree that all undertakings, covenants, terms, conditions and agreements of the Contract Documents listed above and incorporated herein by reference will be performed and fulfilled and to pay all persons, firms and corporations having contracts with the principal or with subcontractors, all just claims due to them under the provisions of such contracts for labor performed or materials furnished in the performance of the Contract on account of which this bond is given.

2. We are held and firmly bound to the obligee Village of Hoffman Estates, Illinois (hereinafter called "Village"), in the sum written above in lawful money of the United States of America, to be paid to the Village, its successors or assigns, for the payment whereof Principal(s), Co-Principals and Surety(ies) bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by this Bond. a)

3. The condition of this Bond is that if the Principal shall in every respect perform all of its obligations under the Contract Documents identified above, which Contract Documents are incorporated herein by reference, then this Bond shall be void; otherwise, the Bond shall continuously remain in full force and effect until released by the Village. Contract Documents shall also include any agreements, bid documents, specifications, engineering, design, or construction requirements or other Village documents associated with the Project, including any laws, ordinances and/or governmental regulations related to the Project.

4. Surety waives all of its surety defenses including, but not limited to, the following:

a) It shall be the duty of the Principal to notify the Surety of any revision of the plans, profiles and specifications referred to in the Contract Documents. The Surety expressly waives any right to receive notice from the obligee or to review or approve any revisions to the plans, profiles and specifications referred to in the Contract Documents which are required to meet governmental standards. No such revisions of any kind in the work shall in any way affect the obligation of the Surety under this Bond;

b) Any extension or reduction of time beyond the period provided for in the Contract Documents for completion of its obligations under the Agreement shall in no way affect the obligation of the Surety under this Bond;

c) The failure or refusal of Village to take any action, proceeding, or steps to enforce any remedy or exercise any right under the Contract Documents, or that taking of any action, proceeding, or step by

Village, acting in good faith upon the belief that same is permitted by the provisions of the Contract Documents, shall not in any way release Principal or Surety, or either of them, or their respective executors, administrators, successors, or assigns, from liability under this Bond. Surety hereby waives notice of any amendment, indulgence made, granted or permitted;

d) The Principal, Co-Principal and Surety intend that each provision of this Bond be valid and binding upon them and expressly agree to abide thereby;

e) In the event of a default of this Bond, the Village may terminate whatever rights Principal, Co-Principal and/or Surety may have to perform further work on the Project.

f) The requirement of any other entity to perform any obligations contained in the Contract Documents shall in no way affect the obligations of the Surety under this Bond.

4. Default:

A default shall be deemed to have occurred on the part of the Principal if Principal shall fail to complete its obligations under the Contract Documents within the time set forth therein or any extensions thereof; or, prior to the expiration of such period, if in the sole judgment of the Village, the Principal has:

- A) abandoned the performance of its obligations under the Contract Documents; or
- B) failed to pay all persons, firms and corporations having contracts with the principal or with subcontractors, all just claims due to them under the provisions of such contracts for labor performed or materials furnished in the performance of the Contract Documents; or
- C) renounced or repudiated its obligations under the Contract Documents; or
- D) clearly demonstrated through insolvency, or otherwise, that its obligations under the Contract Documents cannot be completed within the time allotted under the Contract Documents.

If the Principal defaults in the performance of all or any part of the obligations specified in the Contract Documents, the Village shall give written notice of the default to the Surety, with a copy to the Principal and Co-Principal, if any. In the event of such default and notice, Surety shall, within 45 days of receipt of the default notice, give written notice to the Village stating whether Surety will assume the Contract Document obligations and the obligations of the Principal, and should it elect to assume said obligations, Surety shall be required to complete the obligations specified in the Contract Documents according to its terms and provisions within 180

days of said notice, but not before expiration of the period provided for under the Contract Documents and approved extensions thereof. In the event that Surety elects to assume the obligations of Principal as provided herein and thereafter fails to faithfully perform all or any part of the work, or should it unnecessarily delay all or any part of the work, then the Village may proceed as provided in Paragraph No. 5 of this Bond.

6. Should Surety following notice of default notify the Village that Surety elects not to assume the obligations of Principal under the Contract Documents, or fails within 45 days of receipt of the default notice as provided in Paragraph No. 4) above to notify the Village whether Surety elects to assume the obligations of Principal under the Contract Documents, or having elected to assume the obligations of Principal, should it then fail to perform, then in any event the Village may elect any of the following procedures or any combination thereof:

a) Terminate whatever rights the Principal, Co-Principal and/or Surety may have to perform further work on the Project;

b) Take over or relet all or any part of the work under the Contract Documents which is not completed and complete the same for the account and at the expense of the Principal and Surety, who shall be jointly and severally liable to Village for the costs incurred in completion of the obligations under the Contract Documents and/or correction thereof. Such costs as identified in the Contract Documents shall include, but not be limited to, construction, engineering, surveying, maintenance, donations, impact fees, deterioration, administration, supervision, reasonable attorney's fees, and any costs associated or related to any litigation of the Bond agreement and shall be adjusted for inflation. The amount of Village's actual costs for completion and/or correction of the work required under the Contract Documents shall be conclusive of the extent of the liability of Principal and Surety and may exceed the Bond Amount;

c) Require the Surety to pay the Bond Amount to the Village as liquidated damages.

7. Should Surety, following notice of default notify the Village within 45 days of the receipt of the default notice choose to pay the Village for completion of the obligation under the Contract Documents, the Surety shall have the right to demand that the Village state a sum constituting the estimated costs at that time, of completion and/or correction of the work required under the Contract Documents, such as costs as defined in Paragraph

No. 5b). Surety shall then immediately pay over to the Village the sum so stated and be released from any further obligations under this Bond. If funds are paid over under this section and the paid over funds are not sufficient to complete the work, the Village's sole remedy shall be to proceed against the Principal(s) and Co-Principals for any deficiency. If there are any paid over funds not necessary for completion of the work, the Village will return the excess to Surety after completion of the work.

8. If any action or proceeding is initiated in connection with this Bond and any and all obligations arising hereunder the venue thereof shall be in State Court in the County of Cook, State of Illinois, it is further understood and agreed that this contract shall be governed by the laws of the State of Illinois, both as to interpretation and performance.

9. All notices sent to the Principal(s), Co-Principals, and Surety(ies) shall be sent to the address set forth on the signature page unless said Principal(s), Co-Principal(s) and Surety(ies) notify the Village in writing of any change. If the addresses of any of the Principal(s), Co-Principal(s) and Surety(ies) change, the Principal(s), Co-Principal(s) or Surety(ies) shall immediately notify the Village in writing of such change. Failure to notify the Village of any change in address is deemed to be a waiver of any requirement for notice under this Bond to the Principal(s), Co-Principal(s) or Surety(ies). All written notices to the Village required under the Bond shall be sent certified mail to the Village Clerk.

10. If any one or more of the provisions of this Bond are determined to be illegal or unenforceable by a court of competent jurisdiction, all other provisions shall remain effective.

11. No party other than the Village shall have any rights under this Bond as against the Surety.

12. As part of the obligation secured hereby and in addition the Bond Amount specified herein, there shall be included costs, interest and reasonable expenses and fees (including, without limitation, attorneys' fees and costs), incurred by the Village in enforcing this agreement, to be awarded by the court.

13. Nonpayment of the premiums associated with this Bond will not invalidate this Bond nor shall Village be obligated for the payment thereof. Surety agrees to deliver written notice of non-payment under this Bond or other actions to the Village.

14. Surety waives its right to trial by jury.

IN WITNESS WHEREOF, the parties have caused this Agreement to be signed and sealed as of the day and year set forth above.

PRINCIPAL

Type of Organization:

Legal Name of Organization:

State of Incorporation:

Address:

Authorized Signature(s):

By: _____
Signature

By: _____
Signature

(Type name and title)

(Type name and title)

ACKNOWLEDGMENT OF PRINCIPAL(S)

STATE OF _____:

COUNTY/CITY OF _____:

I, _____ Notary Public in and for the State and County/City aforesaid,
do hereby certify that _____
_____ whose name is signed to the foregoing bond, this day personally appeared before me in my State and
County/City aforesaid and acknowledged the same.

Given under my hand this _____ day of _____, _____.

My commission expires: _____

NOTARY PUBLIC

Surety: _____

Bond No.: _____

CO-PRINCIPAL(S)

Type of Organization:

State of Incorporation:

Legal Name of Organization:

Address:

Authorized Signature(s):

By: _____

Signature

(Type name and title)

By: _____

Signature

(Type name and title)

ACKNOWLEDGMENT OF CO-PRINCIPAL(S)

STATE OF _____:

COUNTY/CITY OF _____:

I, _____ Notary Public in and for the State and County/City aforesaid,
do hereby certify that _____
_____ whose name is signed to the foregoing bond, this day personally appeared before me in my State and
County/City aforesaid and acknowledged the same.

Given under my hand this _____ day of _____, _____.

My commission expires: _____

NOTARY PUBLIC

Surety: _____

Bond No.: _____

CORPORATE SURETY

Type of Organization:

Liability Limit:

Legal Name and Address:

Address:

Authorized Signature(s):

By: _____

Signature

(Type name and title)

By: _____

Signature

(Type name and title)

ACKNOWLEDGMENT OF CORPORATE SURETY(S)

STATE OF _____:
COUNTY/CITY OF _____:

I, _____ Notary Public in and for the State and County/City aforesaid,
do hereby certify that _____
_____ whose name is signed to the foregoing bond, this day personally appeared before me in my State and
County/City aforesaid and acknowledged the same.

Given under my hand this _____ day of _____, _____.
My commission expires: _____

NOTARY PUBLIC

Surety: _____
Bond No.: _____